Government of Andhra Pradesh

COMMON SCHEDULE OF RATES AS PER A.P. REVISED STANDARD DATA FOR THE YEAR 2026-27

(Effective from 1st June, 2026)

BOARD OF CHIEF ENGINEERS

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Office of the Engineer-in-Chief (I.W),
Water Resources Department, 2nd Floor,
Jalasoudha Building, Irrigation Compound,
Governorpet, Vijayawada.

Procs.No. ENC(IW)/SE(P&M)/EE.1/DEE-3/AEE6/SoR 2026-27/Vol.1/1019/dt:10.07.2026.

Sub : Schedule of Rates for the year 2026-27 with basic rates (excluding GST) (as per A.P. Revised Standard Data) - Applicable to all Engineering Departments - Communication of approved SoR 2026-27 - Reg.

Ref:
1. G.O.Ms.No.49, I&CAD (PW-Reforms) Dept., Dt:02.03.2009.
2. The average rise in the Consumer Price Index numbers for State Industrial Workers as well as State Agricultural Workers published by the Commissioner of Labour, A.P., and the competent authority under Minimum Wages Act, 1948, vide AP Government Gazette dt. 23-03-2026
3. ENC (Admin & NDB), R&B Dept., Vijayawada Lr.No. SoR-II/ENC/DCE(R)/EE(TEC)/ DEE6/AEE4 /2026 Dt: 15.06.2026.
4. ENC, PH&ME Dept., Tadepalli, Lr. No. 146/T4/SoR 2026-27 Dt: 16.06.2026.
5. CE (Buildings & RSW, & LWE), R&B Dept., Vijayawada Lr. No. SoR/ DCE (B&RSW) /EE-II(D&P)/DEE/AEE-II/2026 Dt.06.07.2026.
6. Minutes of SoR 2026-27 communicated by T.O. Lr. No. ENC/IW/SE (P&M)/EE.I/DEE.3/AEE6/SoR 2026-27/Vol.I/997/Dt. 08.07.2026.
7. ENC (Admin, NH &CRF), R&B Dept., Vijayawada Lr.No. SoR-2026-27/R&B/ENC/ DCE(R)/EE(TEC)/ DEE6/2026/Dt:10.07.2026.
8. ENC, PH&ME Dept., Tadepalli, Lr.No.146 /T4/SoR 2026-27/3/ Dt:10.07.2026.

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The Government have approved A.P. Revised Standard Data vide ref 1st cited. The Schedule of rates with basic rates (excluding GST) as per the A.P. Revised Standard Data for the year 2026-27 is approved based on the draft rates furnished by the E-in-C (R&B), E-in-C (PH), vide reference 3rd and 4th cited respectively and also based on the draft rates furnished by Regional Superintending Engineers of Water Resources Department. The Chief Engineer Buildings, furnished the Part-III of SOR 2026-27 approved by the Committee of Chief Engineers constituted by the Government vide G.O.Rt. No.95 TR&B (Buildings) Dated.18.01.2015.

The Chief Engineer Buildings, based on the recommendations of BoCEs meeting on 18.06.2026, updated the labour rates and communicated the approved copy of Part-III vide reference 5th cited for incorporating into SOR 2026-27.

Minutes of Meeting vide reference 6th cited containing the modifications to the said draft rates were communicated to E-in-C (R&B), and E-in-C (PH) for furnishing the final copies of Part II & IV of SOR respectively. Accordingly, Part-I of SOR is updated by ENC

(AW/IW) WRD, and updated copies of Part-II & Part IV are furnished by E-in-C (R&B), and E-in-C (PH) vide references 7th and 8th cited respectively.

Finally, the SOR 2026-27 applicable to all Engineering Departments is herewith communicated.

The procedure for the adoption of Water Resources Department work items, lead & lift charges (Common to all Departments) is shown in the Annexure-A of SoR.

The approved basic rates (excluding GST) are applicable to the data i.e., A.P. Revised Standard Data for all department approved by the Government vide G.O.1st cited.

For Roads & Bridge Works, the rates can be applied for MoRTH data as approved in the G.O. Ms. No.2, Transport, Roads and Buildings (R-I) Dept., dt: 12.01.2015.

The lead & lift charges are common to all Engineering Departments. The detailed calculations are incorporated in the Lead & lift chapter in the WR Works (Part-I) of A.P. Revised Standard Data.

No other items other than the items communicated now by this office shall be introduced in the SoR 2026-27.

Any correction in the approved rates by the BoCEs is to be brought to the notice of the BOCEs.

The Revised rates will come into force with effect from **1st June of 2026.**

The receipt of the proceedings may be acknowledged in the 1st instance.

Encl: SoR 2026-27 Containing
Part-I (Water Resources Dept. works),
Part-II (Roads & Bridge works)
Part-III (Buildings & Electrical items) and
Part-IV (Public Health Items).

Sd/- Sri M.L.N.Vara Prasad, Dt:10.07.2026
Engineer-in-Chief (AW/IW) &
Chairman, BoCEs
Water Resources Department.

1 Copy submitted to the Special Chief Secretary to Govt., Water Resources Dept., 4th Block, 1st floor, A.P. Secretariat Buildings, Velagapudi, Amaravathi.

2 Copy communicated to the following Heads of Departments along with enclosures for information.

1) Engineer-in-Chief (Admn)., Roads & Buildings Department.
2) Engineer-in-Chief, Public Health Department.
3) Engineer-in-Chief, Panchayath Raj Department.
4) Engineer-in-Chief, RWS, Department.

5) Chief Engineer (Buildings & RSW), R&B Department.

3 Copy of Scheduled of Rates 2025-26 with basic rates & Standard Data, Part-I (WR Dept. works) communicated to the respective E-mail ids of all the Engineers-in-Chief, Chief Engineers and Regional Superintending Engineers of Irrigation circles of Vijayawada, Guntur, Dowlaiswaram and Chittoor of Water Resources Department for taking necessary action.

4 Copy to DEE (Computers), ENC (AW) for uploading the approved SoR-2025-26 (Part-I, Part-II, Part-III & Part-IV) on the Water Resources Department website and to communicate these proceedings to all the members of the Board of Chief Engineers through e-mail.

Sd/- Sri M.L.N.Vara Prasad, Dt:10.07.2026
Engineer-in-Chief (AW/IW) &
Chairman, BoCEs
Water Resources Department.

Important – Read The following

ANNEXURE- A

1 The SPIU (Irrigation), Centre for Good Governance (CGG), Hyderabad has developed software package linking the basic input data of Irrigation with approved data of Water Resources work items.

2 The lead and lift charges are common to all Engineering Departments. The detailed calculations are incorporated in the Lead &Lift charges chapter in the Water Resources Department works (Part-1) of A.P. Revised standard data.

3 The estimate sanctioning authority shall physically verify each and every Water Resources work item data incorporated in the estimate with basic input data before sanction of the estimate. Any lapses or arithmetic errors arising in the sanction of data /estimate due to adoption of the software package lies entirely on the concerned estimate sanctioning authority only.

4 Any discrepancies / corrections required for improper basic input data appearing in the approved data of Water Resources work items in the software package and hard copy of SoR & Standard Data (Part-1) may be brought to the notice of undersigned for issuing corrections.

Sd/- Sri M.L.N.Vara Prasad, Dt:10.07.2026
Engineer-in-Chief (AW/IW) &
Chairman, BoCEs
Water Resources Department.

PART - I

(WATER RESOURCES DEPARTMENT) WORK ITEM

Index - WR Items (Part-I)

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PREAMBLE

PREAMBLE

1.0 AREA ALLOWANCES:

A) CORPORATIONS & MUNICIPALITIES:

a) (i) 25% extra over the rates on labour component of works is allowed in all Municipal Corporation Limits of Andhra Pradesh except Greater Visakhapatnam and Vijayawada municipal corporations (up to a belt of 12 Kms. from Municipal Corporation limits) and other corporations as notified by the Government from time to time.

(ii) 40% extra over the rates on labour component of works for Greater Visakhapatnam and Vijayawada Municipal Corporation (up to a belt of 12 Kms. from Municipal Corporation limits).

(iii) 40% extra over the rates on labour component of works for Amaravati Capital City area(217sq.km) as declared by the Govt.vide G.O.Ms.No.141, MA & UD(M2) Dept., dt:09.06.2015. (This is introduced as per the Government instructions issued in Govt.memo.No.668755/Reforms/2017, dt:14.07.2017).

b) Allow 20% extra over basic rates on labour component of works in all District Headquarters and the remaining Municipal limits (up to a belt of 12 Kms from Municipal limits).

c) For works at Tirumala Hills in Chittoor District, 40% extra over the basic rates of labour component is allowed.

d) For works at Horsely hills in Chittoor District, 30% extra over the basic rates of labour component is allowed.

e) For works located inside Tirumala Temple, 20% extra over the basic rate of labour component specified for Tirumala Hills is allowed.

f) For Works located inside T.T.D Temples of Sri Padmavathi Ammavari Temple, Tiruchanoor, Sri Govindaraja Swamy Temple at Tirupathi, Sri Kapleswara Swamy Temple, Kapilatheerthm, Tirupathi and Sri Kalyana Venkateswara Swamy Temple, Srinivasa Mangapuram, 20% extra over the basic rates of labour component for Tirupathi Municipal Corporation is Mellowed.

B) JAIL COMPOUNDS:

20% extra is allowed over labour rates for the work in the Jail compounds. Only equivalent number of Man Mazdoor shall be provided in the Jail premises and no women Mazdoor are allowed inside.

C) INDUSTRIAL AREA:

a. 20% over basic rates on labour component works allowed for works situated within 10Kms belt of Industrial area of, Ibrahimpatnam, Vuyyuru, Jaggaiahpeta in Krishna District, Macherla, Gurajala, Challapalli in Guntur District, Garividi in Vijayanagaram District, Renigunta in Chittoor District and Yerraguntla & Mangampet in Kadapa District, Hindupur, Tadipatri, Anantapur, Guntakal, Rayalcheruvu, Yadiki of Anantapur District and Adoni, Dhone, Cement Nagar, Nandyal, Kurnool, Yemmiganur & Bethamcherla of Kurnool District, Anakapally of Vishakhapatnam District.

D) AGENCY / TRIBAL AREAS:

a) 25% extra is allowed for the works located within the interior Agency/Tribal limits, i.e. for the works located within & upto16 KMs from any all the weather route inside Agency /Tribal.

b) 40% extra is allowed for the works located within the interior Agency/Tribal limits, i.e., for the works located beyond 16KMs from any all the weather route in side Agency/ Tribal.

NOTE: 1. No extra percentage is permissible in respect of Forest produce such as Bamboo, Rellu grass and for all materials obtained from outside the Agency / Tribal.

2. The extra percentage under Agency / Tribal areas allowance may be allowed on the labour component and on the labour charges in the rates for conveyance of materials.

3. The extra percentage on cost of materials in Agency / Tribal areas can be allowed on the labour component only, if they are manufactured in the Agency/Tribal are as it self except Forest produce.

E) GHAT ROADS:

For Ghat Roads steeper than 1 in 20, the length of the road may be taken as1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.

Foot Note: Under compelling circumstances, the concerned Chief Engineer can adopt the equivalent length of road as 2½ times of actual length.

Note below area allowances:

If more than one area allowance (such as those) for (1) Municipalities, (2) Agency/Tribal areas &(3) Industrial areas are applicable for a particular situation, only the maximum out of the allowable percentages is to be allowed.

2.0 EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

I) EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

A. **TRIAL TRENCHES:**

1) Trial trenches of not more than 2 meters in width ...25% extra.

B. **TRIAL PITS:**

1) Up to 2 Metres depth ... 25% extra
2) 2 Metres to 4 Metres depth ... 50% extra
3) 4 Metres to 6 Metres depth ... 75% extra
4) 6 Metres to 8 Metres depth ... 100% extra
5) 8 Metres to 9 Metres depth ... 150% extra
6) More than 9 Metres depth ... 200% extra

II) EXCAVATION IN RESTRICTED PLACES: -

I) Foundation of Buildings .... 75% extra

II) For pipelines where the depth is less than 1.5 times the width .... 75% extra

III) For pipelines where the depth is 1.5 times or more than the width .... 120% extra

IV)	Silt removal in restricted areas such U. T's, Culverts and Syphon	....120% extra
V)	Excavation of field channels	....75% extra
VI)	For narrow trenches not more than 2meters In width and depth not less than twice the width And for excavation of road boundary drains, model sections of canals	....75% extra
VII)	High berm cutting of not more than 150mm average thickness and sectioning of roads	....75% extra

Note: 1) The extra percentage is allowed over Common item for all earth works (COM- MWRK-Manual Works) for corresponding soil and Standard data items. It includes the charges for all lifts and initial lead but does not include dewatering charges if any in respect of all the items under (A) and (B) above.

2)The above extra percentages in respect of excavation in hard rock for restricted places are to be allowed for $(2/3)^{rd}$ of the cost and shall not to be allowed in respect of items involving blasting component which may be taken as $(1/3)^{rd}$ of the cost.

3.0. <u>Seigniorage Charges (including DMF, MERIT):</u>

The rates of materials indicated in the SoR are exclusive of Seigniorage Charges, DMF Charges, MERIT Charges. Appropriate Seigniorage Chargers, DMF Charges, MERIT Charges as fixed by the Government from time to time for relevant materials are to be added to the unit rate of work items in the estimates. Seigniorage charges are revised for minor minerals vide G.O.Ms.No.57 Industries and commerce (Mines-II) Department dated.18.04.2025. Consideration amount is revoked for all minor minerals. Seigniorage charges given in G.O.Ms.No.57 are in Rs/Tone. In order to arrive cum rate, conversion factors are issued based on G.O.Ms. No.11 Industries and commerce (Mines-II) Department date.11.02.2020. The conversion factors are annexed under G.O.Ms.No.57 dated.18.04.2025 for reference.

DMF charges are to be added as per G.O. Ms. No. 37 (Industries and Commerce M.III Dept.) dt.15-03-2024 read with G.O. Ms. No. 36 (industries and Commerce MII Dept., dt.14-03-2016 (DMF), and MERIT charges are to be added as per G.O. Ms. No. 18 (Industries and Commerce M-II Dept., dt.13-01-2016 (MERIT). The revised rates as fixed by the Mines & Geology Department from time to time are to be adopted. Whenever there is revision of rates, the same is to be mentioned in the agreements with appropriate clauses to effect the changes.

LABOUR RATES

LABOUR RATES

Sl No.	CFMS CODE	CATEGORY OF WORKER	S. Rate for 2026-27
1	2	3	4
I.		**SKILLED CATEGORY:**	
1	LAB-00001	Bar bender	**990**
2	LAB-00002	Black smith / Tin smith / Riveter	**790**
3	LAB-00003	Blaster	**925**
4	LAB-00004	Carpenter Cl- I	**935**
5	LAB-00005	Electrician (Licensed)	**930**
6	LAB-00006	Fitter Cl- I	**880**
7	LAB-00007	Floor Polisher / Tile Layer	**790**
8	LAB-00008	Foreman	**925**
9	LAB-00009	Gauge reader	**790**
10	LAB-00010	Maistry/Work Inspector with Non-technical Qualification SSLC/SSC/HSC	**920**
11	LAB-00011	Mason Cl- I / Brick layer Cl- I	**840**
12	LAB-00012	Mechanic Cl- I	**850**
13	LAB-00013	Operator Air compressor / DG set	**820**
14	LAB-00014	Operator Batching plant	**930**
15	LAB-00015	Operator Bus/Ambulance/ Lorry/ Tanker	**895**
16	LAB-00016	Operator Concrete / Asphalt mixer	**820**
17	LAB-00017	Operator Concrete / Asphalt paver	**820**
18	LAB-00018	Operator Concrete pump / Placer/ ice plant	**820**
19	LAB-00019	Operator Core drilling machine	**925**
20	LAB-00020	Operator Crane/ Tower crane/ Cable way	**925**
21	LAB-00021	Operator Drilling jumbo / Loco / Winch	**820**
22	LAB-00022	Operator Grouting/ Guniting/ Shot creting	**820**
23	LAB-00023	Operator Jack hammer/Pneumatic tamper	**820**
24	LAB-00024	Operator Pump / Ventilation fan	**820**
25	LAB-00025	Operator Lathe/Drilling/Shearing machine	**925**
26	LAB-00026	Operator Bending / Planning machine	**820**
27	LAB-00027	Operator Road roller	**850**

SINo.	CFMS CODE	CATEGORY OF WORKER	S. Rate for 2026-27
1	2	3	4
28	LAB-00028	Operator Shovel / Scraper / Dozer	925
29	LAB-00029	Operator Spillway / Sluice gate	820
30	LAB-00030	Operator Crusher / Conveyor / Mucker	820
31	LAB-00031	Operator Tipper / Dumper / Transit mixer	925
32	LAB-00032	Operator Concrete vibrator	820
33	LAB-00033	Operator Vibratory plain / pad foot roller	820
34	LAB-00034	Operator Wagon drill / Drifter	925
35	LAB-00035	Painter Cl- I	935
36	LAB-00036	Plumber / Pipe fitter	935
37	LAB-00037	Sarang / Khalasi	820
38	LAB-00038	Spun pipe moulder	820
39	LAB-00039	Stone chiseller Cl- I / Stone cutter Cl- I	830
40	LAB-00040	Struct. steel Fabricator / Marker / Erector	990
41	LAB-00041	Welder / Gas Cutter	820
42	LAB-00042	Welder (X-ray quality)	925
43	LAB-00043	Turner	895
II.		**SEMI SKILLED CATEGORY:**	
1	LAB-00057	Asphalt Sprayer / Boiler attendant	730
2	LAB-00058	Bhisti	730
3	LAB-00059	Boatman with boat	730
4	LAB-00060	Carpenter Cl- II / Erector shuttering	730
5	LAB-00061	Cartman with double bullock cart	810
6	LAB-00062	Cartman with single bullock cart	770
7	LAB-00063	Chavali / Navagani	730
8	LAB-00064	Crowbar man / Jumper man	730
9	LAB-00065	Fitter Cl- II	730
10	LAB-00066	Gang man / Head / Survey mazdoor	730
11	LAB-00067	Gardener / Trained Mali	730
12	LAB-00068	Air compressor / DG set	730
13	LAB-00069	Helper Batching plant	730
14	LAB-00070	Helper Blasting	730

SINo.	CFMS CODE	CATEGORY OF WORKER	S. Rate for 2026-27
1	2	3	4
15	LAB-00071	Helper Bus/ Ambulance/ Lorry/ Tanker	730
16	LAB-00072	Helper Bending/Shearing/Planning machine	730
17	LAB-00073	Helper Carpenter	730
18	LAB-00074	Helper Concrete / Asphalt mixer	730
19	LAB-00075	Helper Concrete / Asphalt paver	730
20	LAB-00076	Helper Core drilling machine	730
21	LAB-00077	Helper Crane/ Tower crane/ Cable way	730
22	LAB-00078	Helper Drilling jumbo / Loco / Winch	730
23	LAB-00079	Helper Fitter / Fabrication/Electrician	730
24	LAB-00080	Helper Grouting/ Guniting/ Shot creting	730
25	LAB-00081	Helper Jack hammer / Pneumatic tamper	730
26	LAB-00082	Helper Laboratory / Instrumentation	730
27	LAB-00083	Helper Road roller	730
28	LAB-00084	Helper Shovel / Scraper / Dozer	730
29	LAB-00085	Helper Crusher / Conveyor / Mucker	730
30	LAB-00086	Helper Tipper / Dumper/ Transit mixer	730
31	LAB-00087	Helper Vibrator	730
32	LAB-00088	Helper Vibratory plain/ pad foot roller	730
33	LAB-00089	Helper Wagon drill/ Drifter	730
34	LAB-00090	Lineman Electric / Telephone	730
35	LAB-00091	Mason Cl- ll / Brick layer Cl-II	730
36	LAB-00092	Mechanic Cl- II	730
37	LAB-00093	Painter Cl- II	730
38	LAB-00094	Patkari / Neeraganti / Sowdy	730
39	LAB-00095	Stone Chiseller Cl- II	730
40	LAB-00096	Stone breaker / Hammer man	730
41	LAB-00097	Valve man / Canal sluice operator	730
III.		**UN-SKILLED CATEGORY:**	
1	LAB-00118	Cement / Asphalt handling mazdoor	680
2	LAB-00119	Civic worker	680
3	LAB-00120	Man mazdoor	680

SINo.	CFMS CODE	CATEGORY OF WORKER	S. Rate for 2026-27
1	2	3	4
4	LAB-00121	Woman mazdoor	680
5	LAB-00122	Watchman	680
IV.		OTHER CATEGORY:	
1	LAB-00124	Care-taker / conductor / Lift Attender	730
2	LAB-00125	Cook / Mess man	730
3	LAB-00126	Dhobi	730
4	LAB-00127	Diploma Engineer / Surveyor	1255
5	LAB-00128	Diver with headgear	930
6	LAB-00129	Graduate / Laboratory Assistant	930
7	LAB-00130	Graduate Engineer/ Geologist	1625
8	LAB-00131	Horticulture Assistant / Photographer	755
9	LAB-00132	ITI certificate holder / Tracer / Printer	900
10	LAB-00133	Literate mazdoor	700
11	LAB-00134	Stenographer / Computer Operator	1000
12	LAB-00135	Telephone / Wireless Operator	890
13	LAB-00136	Typist / Job Typist	890
14	LAB-00137	CAD operator with Diploma in Engineering/General degree with CAD certificate	1255
15	LAB-00138	Jeep Driver	885
16	LAB-00139	Data Processing Operator	1215

Note: -

1) The wage should not be less than the minimum wages of schedule of employment, subject to our turn.
2) 25% extra over the corresponding labour rates in respect of the work to be done during night time subject to issue of certificate accordingly by the concerned estimate sanctioning authority for providing in the data and by concerned Executive Engineer in charge of the work for payment. The night time allowance is applicable only to the works done under Greater Visakhapatnam Municipal Corporation and Vijayawada Municipal Corporation limits only.

BASIC INPUT DATA FOR WATER RESOURCES WORK ITEMS

STATEMENT OF RATES FOR MATERIALS
FOR THE YEAR:2026-27
GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:

1. Average of the prevailing market rates, ignoring freak rates, is the criteria for fixing market rates for materials.
2. The rates for materials are **exclusive of GST**, duties and other local levies.
3. The rates for materials are **exclusive of** Seigniorage charges wherever applicable.
4. The rates for materials, **except** those for which lead charges are admissible as per the Statement of lead charges is for all leads.
5. The rates provided for useful rubble/stone chips from excavation shall beat dump yard.
6. Unless otherwise specified the rate of materials are inclusive of loading charges.

Sl. No.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
1	MAT-00001	Acetylene gas	Cum	**385**
2	MAT-00002	Asphalt 80/100 Grade	Kg	**53**
3	MAT-00003	Binding wire	Kg	**70**
4	MAT-00004	Burnt stone slab 10 cm thick	Sqm	**396**
5	MAT-00005	Cement 43 Gr/53 Gr **Note: Rate as fixed by the Government**	Tonne	**4220**
6	MAT-00006	Chequered plate	Kg	**70**
7	MAT-00007	Coarse aggregate 10-4.75 mm	Cum	**1190**
8	MAT-00008	Coarse aggregate 20-10 mm	Cum	**1635**
9	MAT-00009	Coarse aggregate 40-20 mm	Cum	**1562**
10	MAT-00010	Coarse aggregate 80-40 mm	Cum	**848**
		The aggregate rates mentioned above (from Sl.No.7 to Sl.No.10) are **exclusive of Seigniorage charges but** including blasting charges of Rs.80/cum and 25% machine crushing charges. However, if the metal is obtained from hand broken, the blasting and crushing charges shall be deducted. The aggregate shall be HB Stone of Granite, Dolamite, Dolerite and Trap. (Quartzite and Basalt with aggregate impact of less than 20).		**80**
11	MAT-00011	Coir brush	Each	**54**

SlNo.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
12	MAT-00012	Copper sheet 16 SWG	Kg	**910**
13	MAT-00013	Coursed rubble stone 30 x 30 x 45 cm	Each	**34**
14	MAT-00014	Coursed rubble stone 30 x 30 x 60 cm	Each	**39**
15	MAT-00015	Curing Compound	Ltr	**148**
16	MAT-00016	D – cord	Rm	**9**
17	MAT-00017	Delay - noiseless trunk	Each	**23**
18	MAT-00018	Detonating fuse coil	Rm	**11**
19	MAT-00019	Detonating shock tube / Cord relays	Rm	**44**
20	MAT-00020	Detonator delay type	Each	**24**
21	MAT-00021	Detonator electric	Each	**12**
22	MAT-00022	Detonator ordinary	Each	**9**
23	MAT-00023	Empty cement bag	Each	**8**
24	MAT-00024	Explosive ANFO	Kg	**48**
25	MAT-00025	Explosive ANFO high strength booster	Kg	**75**
26	MAT-00026	Explosive small dia (Kelvex-220 or equivalent)	Kg	**75**
		Note for adoption of sand rate **(i) For fine aggregate, cum rate is taken as Rs.0, for the purpose of arriving unit rate of Data items such as IRR-CCDW-2-3, IRR-DAW-2-2, IRR-CAW-5-1, etc.,** **(ii) However, the rates fixed by DLSC (constituted vide G.O.Ms. No.43Industries & Commerce dated.08.07.2024.) for respective districts are to be adopted.** **(iii) No seigniorage fee, DMF charges and MERIT charges shall be added in the estimate in view of exemption given by Government vide GOMs No.66. Industries & Commerce dated.25.10.2024.**		

		(iv) The sand rates fixed by DLSC in M.Tonnes shall be converted to Cum rate by using the conversion factors recommended by BOCE's earlier i.e., 1.57 for sand used in Concrete and plastering works (MAT-00027 (a)) and 1.19 for sand used for filling (MAT-00028(b)). **(v)As and when the Government sand policy changes, the sand rates are to be adopted accordingly.**		
27	MAT-00027	(a)Fine aggregate / sand (un- screened) for Concrete & Filtering items)	Cum	**0**
	MAT-00028	(b)Fine aggregate / Sand (unscreened) for filling	Cum	**0**
28	MAT-00029	Fine aggregate / Sand (Screened) for Mortar, plastering items and Sand blasting items (**Rs.128 is added towards screening Charges).**	Cum	**0+128**
29	MAT-00030	Geo-textile (filter fabric) 160 gsm	Sqm	**104**
30	MAT-00031	Geo-textile (filter fabric) 200 gsm	Sqm	**119**
31	MAT-00032	Geo-textile (filter fabric) 250 gsm	Sqm	**134**
32	MAT-00033	G I Pipe 100 mm dia B Class	Rm	**707**
33	MAT-00034	G I Pipe 15 mm dia A class	Rm	**88**
34	MAT-00035	G I pipe 25 mm dia A class	Rm	**148**
35	MAT-00036	G I pipe 40 mm dia B class	Rm	**220**
36	MAT-00037	G I pipe 50 mm dia A class	Rm	**259**
37	MAT-00038	G I Pipe 80 mm dia B Class	Rm	**470**
38	MAT-00039	G.I Bolts / Nuts and Washers	Kg	**102**
39	MAT-00040	G.I sheet (plain)	Tonne	**57998**
40	MAT-00041	Hariyala turfing sods	Sqm	**358**
41	MAT-00042	Hectometer stone one line dressed	Each	**370**
42	MAT-00043	Hemp yarn	Kg	**86**
43	MAT-00044	Honne wood planks	Cum	**48593**
44	MAT-00045	Hume pipe with collar 150 mm dia	Rm	**322**
45	MAT-00046	Hume pipe with collar 300 mm dia	Rm	**664**
46	MAT-00047	J- Bolts 30 cm long	Each	**47**

47	MAT-00048	Jungle wood planks	Cum	**21617**

SlNo.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
48	MAT-00049	Khandki stone 15 to 20 cm height	Each	**17**
49	MAT-00050	Khandki stone 20 to 25 cm height	Each	**23**
50	MAT-00051	Khandki stone 25 to 30 cm height	Each	**24**
51	MAT-00052	Kilometer stone one line dressed	Each	**653**
52	MAT-00053	LDPE sheet (Geomembrane) 500 micron thick	Sqm	**105**
53	MAT-00054	LDPE sheet (Geomembrane) 750 micron thick	Sqm	**149**
54	MAT-00055	LDPE sheet (Geomembrane) 1000 micron thick	Sqm	**207**
55	MAT-00056	M S Bolts / Nuts / Washers	Kg	**98**
56	MAT-00057	Murrum	Cum	**258**
57	MAT-00058	Oxalic acid	Ltr	**80**
58	MAT-00059	Oxygen gas	Cum	**47**
59	MAT-00060	PVC sealing strip	Rm	**42**
60	MAT-00061	PVC water stopper 310 mm wide	Rm	**437**
61	MAT-00062	PVC pipe of 100 mm dia	Rm	**156**
62	MAT-00063	Reinforcement steel (HYSD/TMT) (FE-415) **Note: As per Monthly rate fixed by Sub-Committee, May 2025**	Tonne	**55000**
	MAT-13794	Reinforcement steel (HYSD/TMT) (FE-500/FE-500D/FE-550) **Note: As per Monthly rate fixed by Sub-Committee, May 2025**	Tonne	**56000**
63	MAT-00064	Resin bond Cement capsule	Each	**55**
64	MAT-00065	Rough stone 20 x 20 x 75 cm	Each	**34**
65	MAT-00066	Shahabad stone slab	Sqm	**321**
66	MAT-00067	Stone chips (at dump yard/Spoil)	Cum	**254**
67	MAT-00068	Stone chips (at quarry)	Cum	**498**
68	MAT-00069	Structural steel angle / channel / beam / bars **Note: As per Monthly rate fixed by Sub-Committee, May 2025**	Tonne	**56000**

SINo.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
69	MAT-00070	a) Structural steel flats **Note: As per Monthly rate fixed by Sub-Committee, May 2025**	Tonne	**57000**
	MAT-13784	b) Structural steel plate **Note: As per Monthly rate fixed by Sub-Committee, May 2025**	Tonne	**61000**
		The use of stainless steel rebars/ stainless steel Chequered plates/ structural steel (Sno.69.1,69.2,69.3,69.4) should be restricted only to the projects located in extreme environmental exposure as defined in IRC 112:2020/ any other IS code or those projects with explicit Governmental approval		
69.1		Stainless steel rebars of grade G410-L -Ferritic confirming to IS 16651 2017 for RCC Works for any diameter up to 32mm		
	MAT-13785	6mm to 10 mm	Tonne	**115000**
	MAT-13786	12mm to 20mm	Tonne	**115000**
	MAT-13787	25mm to 32mm	Tonne	**115000**
69.2		Stainless steel Chequered plates hot rolled annealed and pickled stainless steel chequered plate having flag bottom of grade 409M confirming to IS 6911:2017 amendment 2 pattern as per IS:3502 I A, bead height minimum 0.8mm for pathway, staircase, floor for the bridge and other infrastructure		
	MAT-13788	3mm to 5 mm	Tonne	**170000**
	MAT-13789	6mm to 8mm	Tonne	**167000**
	MAT-13790	10mm to 12mm	Tonne	**165000**
69.3	MAT-13791	Stainless steel hot rolled annealed and pickled plates 350 N/Sqmm designated IRS 350CR similar to RDSO specifications BS-S 7.5.3.1-9 for structural application having chemical properties of C 0.03% max, Mm 1.5%, Si 1% max, S 0.01% max, P 0.04% max, Ni 1.5% max Mo 0.1 to 0.75 % min, Cr 10.5% to 12.5%, N 0.03% max and mechanical properties 0.2% proof stress 350MPA min, ultimate tensile strength 485 MPA min %, elongation 18 min, inclusive of all necessary testing and certification	Tonne	**175000**
69.4	MAT-13792	Supplying stainless steel hot rolled annealed and pickled plates 450 N/Sqmm designated IRS 450CR similar to RDSO specifications BS-S 7.5.3.1-9 for structural application having	Tonne	**196000**

		chemical properties of C 0.03% max, Mm 1.5%, Si 1% max, S 0.01% max, P 0.04% max, Ni 1.5% max Mo 0.1 to 0.75 % min, Cr 10.5% to 12.5%, N 0.03% max and mechanical properties 0.2% proof stress 450MPA min, ultimate tensile strength 585 MPA min %, elongation 18 min, inclusive of all necessary testing and certification		
70	MAT-00071	Super Plasticizer (Conplast RP-264 or equivalent)	Kg	**64**
71	MAT-00072	Synthetic Enamel paint 1st quality	Ltr	**255**
72	MAT-00073	Synthetic adhesive (Resin + Hardener)	Kg	**364**
73	MAT-00074	Tar felt joint filler board 12 mm thick	Sqm	**462**
74	MAT-00075	Tar felt joint filler board 20 mm thick	Sqm	**713**
75	MAT-00076	Through stones 20 x 20 x 30 to 45 cm	Each	**32**
76	MAT-00077	Through stones 25 x 25 x 45 to 60 cm long	Each	**54**
77	MAT-00078	Through stones 30 x 30 x 65 to 75 cm long	Each	**78**
78	MAT-00079	Un-coursed rubble stones (at dump yard /Spoil)	Cum	**219**
79	MAT-00080	Un-coursed rubble stones (at quarry)	Cum	**424**
80	MAT-00081	Water proofing compound	Kg	**95**
81	MAT-00082	Welding electrodes 4 mm dia	Each	**17**
82	MAT-00083	Wire brush	Each	**45**
83	MAT-00084	Wire mesh 20 gauge	Sqm	**211**
84	MAT-00085	Zinc chromate red oxide primer paint	ltr	**185**
85	MAT-00086	Inorganic zinc silicate	Ltr	**619**
86	MAT-00087	Solvent less coal tar epoxy paint	Ltr	**298**
87	MAT-00088	Zinc phosphate primer	Ltr	**228**
88	MAT-00089	Alkyd based iron oxide paint	Ltr	**164**
89	MAT-00090	a) Cost of HDPE (90mm dia)	Rm	**247**
	MAT-00091	b) Light black MS casing pipe 100 mm dia (4mm thick)	Rm	**611**
90	MAT-00092	Welded steel wire fabric 100X100X5 mm size	Kg	**216**
91	MAT-00093	Protective Mastic	Ltr	**523**
92	MAT-00094	Solventless coal tar epoxy (brown)	Ltr	**312**
93	MAT-13793	Glass Fiber Reinforcement Polymer (GFRP) Bars (For works to be taken up on pilot basis)	Kg	**186**

ADDITIONAL MATERIALS FOR GATES & HOISTS
FOR THE YEAR: 2026-27

GUIDE LINES:

a) For cast steel/Alloy steel/Forged steel/Bronze, aluminum alloy components the rates shall be inclusive of cost of basic metal for these components, casting / forging charges, machining charges and applicable excise duty on finished alloy component.

b) For other materials the rates shall be of prevailing market rates.

Sl No.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
1	MAT-00108	Alloy steel (IS: 1570-carbon steel) shafts	Kg	**256**
2	MAT-00109	Alloy steel (IS: 1570-stainless steel) pins	Kg	**469**
3	MAT-00110	Bolt / Nut / Washer (hot dipped galvanized)	Kg	**149**
4	MAT-00111	Bolt / Nut / Washer (stainless-steel)	Kg	**410**
5	MAT-00112	Bronze/Aluminum alloy (IS:305) bearings/bushes	Kg	**1261**
6	MAT-00113	Cast iron blocks	Kg	**103**
7	MAT-00114	Cast steel drums / gears	Kg	**267**
8	MAT-00115	Cast steel pinions	Kg	**258**
9	MAT-00116	Cast steel wheels/pulleys/hubs/rollers/ Retainers	Kg	**222**
10	MAT-00117	Chemical for de-greasing/ de-rusting/phosphate Coating	Ltr	**154**
11	MAT-00118	Coal tar epoxy paint	Ltr	**213**
12	MAT-00119	Forged steel hooks / shackles	Kg	**319**
13	MAT-00120	MS pipe 200 / 300 mm dia	Kg	**180**
14	MAT-00121	MS pipe 32 mm dia	Rm	**198**
15	MAT-00122	MS pipe 25 mm dia	Rm	**162**
16	MAT-00123	Rubber bottom seal (IS: 11855) (100mmX14 mm)	Rm	**716**
17	MAT-00124	Rubber side seal (music note type Teflon cladded) (IS:11855) (36ØX113mmX14mm)	Rm	**1543**
18	MAT-00125	Rubber side seal (music note type uncladded) (IS:11855) (36ØX113mmX14mm)	Rm	**1176**

Sl No.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2026-27
1	2	3	4	5
19	MAT-00126	Rubber side seal Z-type (IS:11855) (36ØX120mmX19mm)	Rm	**1471**
20	MAT-00127	Rubber corner seal (Teflon cladded) (IS:11855) (36Ø)	Each	**1611**
21	MAT-00128	Rubber corner seal (un cladded) (IS: 11855) (36Ø)	Each	**1232**
22	MAT-00129	Stainless steel plates / flats	Kg	**279**
23	MAT-00130	Welding electrode 4 mm dia x 450 mm (radiographic low hydrogen)	Each	**22**
24	MAT-00131	Welding electrode 4 mm dia x 450 mm (stainless steel)	Each	**28**
25	MAT-00132	Wire rope 6x37 construction (IS: 2266)	Kg	**204**
26	MAT-00133	Zinc	Kg	**210**
27	MAT-00134	Zinc rich (zinc content: 90 %) epoxy primer	Ltr	**680**

MATERIALS FOR POWER SUPPLY WORKS
FOR THE YEAR: 2026-27

Sl No.	CFMS CODE	Description of Material	Unit	S. Rate for 2026-27
1	MAT-00135	Electric pole with fixtures	Each	For establishing Electrical Sub-Stations at the Project Sites wherever necessary, the rates approved by APTRANSCO may be followed.
2	MAT-00136	Flood light 500 W	Each	
3	MAT-00137	Flood light set	Each	
4	MAT-00138	Fluorescent tube light 40 W	Each	
5	MAT-00139	Fluorescent tube light set	Each	
6	MAT-00140	HT / LT Circuit breaker with accessories	Set	
7	MAT-00141	HT / LT Line conductor	1000 m	
8	MAT-00142	PVC Armoured cable 10 sqmm and below	Rm	
9	MAT-00143	PVC Armoured cable 16 sqmm	Rm	
10	MAT-00144	PVC Armoured cable 25 sqmm	Rm	
11	MAT-00145	PVC Armoured cable 70 sqmm	Rm	

DETAILS OF CAPITAL COST OF MACHINERY/EQUIPMENT

FOR THE YEAR:2026-27

GUIDE LINES FOR FIXING CAPITAL COST OF MACHINERY / EQUIPMENT:

1. The Capital cost of machinery / equipment shall be for new machinery / equipment and shall be exclusive of GST, duties and other levies.
2. The cost of transport vehicles/equipment shall be exclusive of cost of tyres and tubes.
3. The cost of drill rods/drill bits/air hose/water hose/road tax/insurance charges and other consumable accessories shall not be included in the capital cost.
4. In cases, where the current capital cost of machinery/ equipment could not be collected through enquiries, the capital cost considered for previous year may be updated on the basis of average percentage increase/decrease in the index for machinery published in the R.B.I Bulletin.

Sl No:	CFMSCODE	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2026-27
1	2	3	4	5
1	MAT-00600	Agitator car / Transit mixer 2 cum (excluding tyres)	Each	**2347316**
	MAT-00601	Tyres and tubes 6 sets		**88512**
2	MAT-00602	Air compressor 5 cmm electric	Each	**751846**
3	MAT-00603	Air compressor 7 cmm diesel	Each	**1004739**
4	MAT-00604	Air compressor 7 cmm electric	Each	**940839**
5	MAT-00605	Air compressor 8.5 cmm diesel	Each	**1177517**
6	MAT-00606	Air compressor 8.5 cmm electric	Each	**1219967**
7	MAT-00607	Air compressor 15 cmm electric	Each	**1490586**
8	MAT-00608	Angle Dozer 90 hp	Each	**5294123**
9	MAT-00609	Batching plant 0.5 cum with accessories (6 Cum/hr)	Each	**1250196**
10	MAT-00610	Batching plant 2x1.00 cum with accessories (15Cum/hr)	Each	**4422317**
11	MAT-00611	Batching plant 2x1.50 cum with accessories (50Cum/hr)	Each	**6772021**
12	MAT-00612	Bending machine	Each	**593459**
13	MAT-00613	Clam shell and hoisting ropes	Each	**33983**
14	MAT-00614	Concrete bucket 1.5 cum	Each	**65449**
15	MAT-00615	Concrete hand mixer 45/30 ltr	Each	**16323**
16	MAT-00616	Concrete mixer 300/200 ltr(diesel)	Each	**159804**
17	MAT-00617	Concrete mixer 300/200 ltr(electric)	Each	**156057**
18	MAT-00618	Concrete mixer 600/400 ltr(diesel)	Each	**271910**
19	MAT-00619	Concrete mixer 600/400 ltr(electric)	Each	**266340**

Sl No:	CFMS CODE	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2026-27
1	2	3	4	5
20	MAT-00620	Concrete paver 100 Sqm / hr	Each	**2521383**
21	MAT-00621	Convey mucker (excluding tyres)	Each	**4080798**
	MAT-00601	tyres and tubes 6 sets		**88512**
22	MAT-00622	Core drilling machine	Each	**1165447**
23	MAT-00623	Diesel generating set 30 KVA	Each	**533380**
24	MAT-00624	Diesel generating set 50 KVA	Each	**666299**
25	MAT-00625	Diesel Loco 45 hp	Each	**2249705**
26	MAT-00626	Dewatering pump 5 hp diesel	Each	**43812**
27	MAT-00627	Dewatering pump 5 hp electric	Each	**28187**
28	MAT-00628	Dewatering pump 10 hp diesel	Each	**68833**
29	MAT-00629	Dewatering pump 10 hp electric	Each	**62915**
30	MAT-00630	Dewatering pump 20 hp diesel	Each	**217399**
31	MAT-00631	Dewatering pump 20 hp electric	Each	**117940**
32	MAT-00632	Drifter	Each	**1127372**
33	MAT-00633	Drilling jumbo (excluding tyres)	Each	**1480058**
	MAT-08524	tyres and tubes 6 sets		**88512**
34	MAT-00634	Dumper 4.5 cum (excluding tyres)	Each	**1672739**
	MAT-00601	tyres and tubes 6 sets		**88512**
35	MAT-00635	Geophysical Ele. resistivity meter	Each	**548878**
36	MAT-00636	Grouting pump	Each	**105072**
37	MAT-00637	Guniting/ sand blasting equipment	Each	**330104**
38	MAT-00638	Ice plant with accessories 30 t / day	Each	**2738766**
39	MAT-00639	Jack hammer	Each	**65607**
40	MAT-00640	Needle vibrator 40 mm petrol	Each	**22725**
41	MAT-00641	Needle vibrator 40 mm electric	Each	**21672**
42	MAT-00642	Needle vibrator 60 mm petrol	Each	**27796**
43	MAT-00643	Needle vibrator 60 mm electric	Each	**22543**
44	MAT-00644	Planning machine 4 m stroke	Each	**934522**
45	MAT-00645	Plate shearing machine up to 12 mm	Each	**509192**
46	MAT-00646	Pneumatic placer 0.5 cum	Each	**587759**
47	MAT-00647	Pneumatic tamper	Each	**86499**

Sl No:	CFMSCODE	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2026-27
1	2	3	4	5
48	MAT-00648	Pug cutting machine	Each	**17703**
49	MAT-00649	Pusher leg	Each	**64974**
50	MAT-00650	Road roller diesel 10 t	Each	**872813**
51	MAT-00651	Shovel 0.50 cum 75 hp	Each	**4054508**
52	MAT-00652	Shovel 0.85 cum 110 hp	Each	**6773398**
53	MAT-00653	Stationery derrick crane 5 t	Each	**701124**
54	MAT-00654	Tipper 5 cum (excluding tyres)	Each	**1892683**
	MAT-00601	tyres and tubes 6 sets		**88512**
55	MAT-00655	Tipping tub 1.5 cum	Each	**288544**
56	MAT-00656	Tower crane 5 tonne	Each	**7988496**
57	MAT-00657	Transformer 250 KVA	Each	**530953**
58	MAT-00658	Truck 10 t (excluding tyres)	Each	**1670741**
	MAT-00601	tyres and tubes 6 sets		**88512**
59	MAT-00659	Truck mounted derrick crane 5 t (excluding tyres)	Each	**2185587**
	MAT-00601	tyres and tubes 6 sets		**88512**
60	MAT-00660	Upright drilling machine	Each	**62779**
61	MAT-00661	Ventilation fan 20 hp	Each	**309869**
62	MAT-00662	Vibratory pad foot roller 8 t	Each	**3029186**
63	MAT-00663	Wagon drill	Each	**731965**
64	MAT-00664	Water tanker 8000 ltr (excluding tyres)	Each	**1725536**
	MAT-00601	tyres and tubes 6 sets		**88512**
65	MAT-00665	Welding set	Each	**55080**
66	MAT-00666	Winch 35 hp electric	Each	**428888**
67	MAT-00667	Hydraulic Truck Crane 30T	Each	**16085518**
	MAT-08525	tyres and tubes 6 sets		**192461**
68	MAT-00668	Hydraulic Truck Crane 16T	Each	**11096592**
	MAT-08526	tyres and tubes 6 sets		**185644**
69	MAT-00669	Heavy Duty Airless Spray-Painting Equipment	Each	**514778**
70	MAT-00670	Concrete Placer Pump (25 Cum/hr) (Electric)	Each	**3357277**

ACCESSORIES TO MACHINERY / EQUIPMENT FOR THE YEAR: 2026-27

Sl No.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2026-27
1	2	3	4	5
1	MAT-00671	Casing shoe bit	Each	**13027**
2	MAT-00672	Diamond core bit BX size	Each	**13281**
3	MAT-00673	Diamond core bit NX size	Each	**15947**
4	MAT-00674	Double tube core barrel	Each	**16999**
5	MAT-00675	Extension drill rod with coupling sleeve	Rm	**2413**
6	MAT-00676	Jack hammer drill rod 1.5 m	Each	**4757**
7	MAT-00677	Jack hammer drill rod 2.5 m	Each	**7120**
8	MAT-00678	Nozzle for Guniting/ sand blasting gun	Each	**792**
9	MAT-00679	Paving Cylinder	Each	**34851**
10	MAT-00680	Rails 30R (30 kg/ m)	Tonne	**64540**
11	MAT-00681	Reamer shell	Each	**6388**
12	MAT-00682	T.C. Cross bit 50 mm dia	Each	**6266**
13	MAT-00683	T.C. Cross bit 75 mm dia	Each	**12531**
14	MAT-00684	T.C. Cross bit 100 mm dia	Each	**14751**
15	MAT-00685	Tyres and Tubes for truck	Set	**17550**
16	MAT-00686	Wire rope 16 mm dia	Rm	**325**
17	MAT-00687	Excavation of drain with Excavator	Cum	**55**

AGGREGATE CRUSHING & PROCESSING PLANT

Sl No.	CFMS CODE	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2026-27
1	2	3	4	5
1		Jaw crusher 900 x 500 mm (120tph) with 50 hp Motor	Each	These items are nowhere being used in the Standard Data. Hence this may be deleted from SoR
2		Jaw crusher 500 x 300 mm (60tph) with 30 hp Motor	Each	
3		Jaw crusher 400 x 225 mm (10tph) with 25 hp Motor	Each	
4		Jaw plates 900 x 500 mm (serrated)	Set	
5		Jaw plates 500 x 300 mm (serrated)	Set	
6		Jaw plates 400 x 225 mm (serrated)	Set	
7		Nylon Conveyor belt 3 ply 600 mm width	Rm	
8		Nylon Conveyor belt 3 ply 1000 mm width	Rm	

OTHER COSTS ON MATERIAL / MACHINERY / EQUIPMENT FOR THE YEAR: 2026-27

1. The rate provided for 'SUNDRIES' (Lump sum provision for unquantified inputs in the data rates) shall be updated on the basis of general percentage increase / decrease in the market rates or on the basis of R.B.I ' All Commodity' index.
2. The rate for structural steel fabrication shall include cost of all materials (except structural steel), machinery, labour and one coat of primer painting.
3. Demand charges and electric power charges shall be as per prevailing APEPDCL tariff.
4. Rate of interest on capital cost shall be as approved by Govt or other competent authority.

Sl No.	CFMSCODE	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2026-27
1	2	3	4	5
1	MAT-00688	Air hose 25 mm dia	Rm	**192**
2	MAT-00689	Air hose 50 mm dia	Rm	**290**
3	MAT-00690	Demand charges (HT-I**:** General-11 KV category) on power supply (as per APEPDCL tariff)	KVA / month	**478**
4	MAT-00691	Diesel (rate as on 31st May 2026)	Ltr	**104.96**
5	MAT-00692	Electric power (HT-VIII Category) including tax (1.5timesof the Tariff of HT-I(A): General-11 KVA Category) (as per APEPDCL tariff).	Kwhr	**9.45**
6	MAT-00693	Excise duty on Gates / Hoist supplies	%	**0**

Sl No.	CFMSCODE	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2026-27
1	2	3	4	5
7	MAT-00694	Insurance charges on machinery	% / annum	**1**
8	MAT-00695	Interest on capital cost	% / annum	**9**
9	MAT-00696	Lubricants	Ltr	**272**
10	MAT-00697	Petrol (rate as on 31st May 2026)	Ltr	**117.78**
11	MAT-00698	Rivets	Kg	**124**
12	MAT-00699	Road tax on transport vehicles	Rs./annum	**0**
13	MAT-00700	Shalimastic sealing compound	Kg	**110**
14	MAT-00701	Shutter oil	Ltr	**63**
15	MAT-00702	Structural steel fabrication	Kg	**36**
16	MAT-00703	Sundries (Lump sum for un quantified inputs)	LS	**42**
17	MAT-00704	Water hose (pressure) 20 mm dia	Rm	**195**
18	MAT-00705	Steel wedges	LS	**20**
19	MAT-00706	Elbows / Nipple / Plugs etc.,	LS	**20**
20	MAT-00707	Soldering materials	LS	**20**
21	MAT-00708	Steam circulation arrangement	LS	**20**
22	MAT-00709	Fuel charges (gas for heating)	LS	**27**
23	MAT-00710	Vulcanizing materials	LS	**27**
24	MAT-08527	Other accessories / controls / junctions	LS	**26**
25		Miscellaneous fittings / switches etc	LS	**Deleted**
26		Anchors / supports for cables / lights	LS	**Deleted**
27		Civil works for foundations / pedestals / duct etc	LS	**Deleted**
28	MAT-00711	Gas cutting set (2 No's 15 m hose and nozzle unit)	Each	**15357**
29	MAT-00712	Grease	Kg	**298**
30	MAT-00713	Welding holder set (cable/holder/gloves/mask etc)	Each	**9093**
31	MAT-00385	Use rate of ropes	LS	**203**

MATERIALS FOR GATES AND HOISTSFOR THE YEAR: 2026-27

Sl No.	CFMSCODE	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2026-27
1	2	3	4	5
1	MAT-00095	Worm reducers	Each	**231700**
2	MAT-00096	Electric motor 20 hp (Double Shaft)	Each	**126612**
3	MAT-00097	Electric motor 17.5 hp (Double Shaft)	Each	**83684**
4	MAT-00098	Electric motor 12.5 hp (Double Shaft)	Each	**70686**
5	MAT-00099	Electric motor 5 hp (Double Shaft)	Each	**32072**
6	MAT-00100	Electric motor 3 hp (Double Shaft)	Each	**22294**
7	MAT-00101	Electric motor 2 hp (Double Shaft)	Each	**12812**
8	MAT-00102	Floating shaft 300 mm dia	Kg	**197**
9	MAT-00103	Manual operating system	Each	**33449**
10	MAT-00104	Gate position indicator	Each	**203570**
11	MAT-00105	Ele-magnetic brake	Each	**33350**
12	MAT-00106	Electric cable / switch / control panel etc	LS	**56310**
13	MAT-00107	Wire rope sockets	Each	**5609**

Materials other than covered under WR work items for the year 2026-27

GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:

1. Average of the prevailing market rates, ignoring freak rates, is the criteria for fixing market rates for materials.
2. The rates for materials are **exclusive of** GST, duties and other local levies.
3. The rates for materials are **exclusive of** Seigniorage charges wherever applicable.
4. The rates for materials, except those for which lead charges are admissible as per the Statement of lead charges is for all leads.

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-002	MAT-00175	Quarried stone 150 - 200 mm size for Hand Broken	Cum	**203**
M-003	MAT-00176	Boulder with minimum size of 300 mm for Pitching	Cum	**221**
M-004		Coarse sand for filling	Cum	**Rate as per item no.27 (b) of Material rates of WRD.**
M-005		Coarse sand for mortar	Cum	**Rate as per item no.27 (a) of Material rates of WRD.**
M-006		Fine Sand	Cum	**Rate as per item no.28 of Material rates of WRD.**
M-007		Murrum	Cum	**Rate as per item no.56 of Material rates of WRD.**
M-008	MAT-00177	Gravel/Quarry spall	Cum	**190**
M-009		Granular Material or hard Murrum for GSB works	Cum	**Deleted**
M-010	MAT-00178	Granular Material or hard Murrum for GSB works	Cum	**129**
M-011	MAT-00179	Fly ash conforming to IS: 3812 (Part II & I)	Cum	**89**
		For item No.M-012 to M-055 the note shall be as follows 1) The rates mentioned are exclusive of Seigniorage charges but inclusive of blasting charges of Rs.80/cum and 25% machine crushing charges. However, if the metal is obtained by hand broken, machine crushing charges shall be deducted. 2) If the material is obtained by hand broken from surface boulders/canal spoil, the blasting and crushing charges shall be deducted. 3) The material shall be HB Stone of Granite, Dolamite, Dolerite and Trap. (Quartzite and Basalt with aggregate impact of less than 20).		

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-012	MAT-00180	Filter media/Filter Material as per Table 300-3 (MoRT & H Specification)	Cum	**432**
M-013	MAT-00181	Close graded Granular sub-base Material 53 mm to 9.5 mm	Cum	**842**
M-014	MAT-00182	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	Cum	**869**
M-015	MAT-00183	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	Cum	**923**
M-016	MAT-00184	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	Cum	**766**
M-017	MAT-00185	Close graded Granular sub-base Material9.5 mm to 2.36 mm	Cum	**740**
M-018	MAT-00186	Close graded Granular sub-base Material 4.75mm to 2.36 mm	Cum	**655**
M-019	MAT-00187	Close graded Granular sub-base Material 4.75mm to 75micron mm.	Cum	**632**
M-020	MAT-00188	Close graded Granular sub-base Material 2.36 mm	Cum	**624**
M-021	MAT-00189	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	Cum	**449**
M-022	MAT-00191	Coarse graded Granular sub-base Material 2.36 mm & below	Cum	**631**
M-023	MAT-00192	Coarse graded Granular sub-base Material 4.75mm to 75-micron mm	Cum	**604**
M-024	MAT-00193	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	Cum	**604**
M-025	MAT-00194	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	Cum	**745**
M-026	MAT-00195	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	Cum	**811**
M-027	MAT-00196	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	Cum	**814**
M-028	MAT-00197	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	Cum	**905**
M-029	MAT-00198	Coarse graded Granular sub-base Material 53mm to 26.5mm	Cum	**1112**
M-030	MAT-00199	Aggregates below 5.6 mm	Cum	**725**
M-031	MAT-00200	Aggregates 22.4 mm to 2.36 mm	Cum	**1190**
M-032	MAT-00201	Aggregates 22.4 mm to 5.6 mm	Cum	**1350**
M-033	MAT-00202	Aggregates 45 mm to 2.8 mm	Cum	**867**

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-034		Aggregates 45 mm to 22.4 mm	Cum	**Rate as per item no.9 of Material rates of WRD.**
M-035	MAT-00203	Aggregates 53 mm to 2.8 mm	Cum	**1192**
M-036	MAT-00204	Aggregates 53 mm to 22.4 mm	Cum	**1130**
M-037	MAT-00205	Aggregates 63 mm to 2.8 mm	Cum	**933**
M-038	MAT-00206	Aggregates 63 mm to 45 mm	Cum	**866**
M-039		Aggregates 90 mm to 45 mm	Cum	**Rate as per item no.10 of Material rates of WRD.**
M-040		Aggregates 10 mm to 5 mm	Cum	**Rate as per item no.07 of Material rates of WRD.**
M-041	MAT-00207	Aggregates 11.2 mm to 0.09 mm	Cum	**935**
M-042	MAT-00208	Aggregates 13.2 mm to 0.09 mm	Cum	**1059**
M-043	MAT-00209	Aggregates 13.2 mm to 5.6 mm	Cum	**1213**
M-044	MAT-00210	Aggregates 13.2 mm to 10 mm	Cum	**1350**
M-045		Aggregates 20 mm to 10 mm	Cum	**Rate as per item no.08 of Material rates of WRD.**
M-046	MAT-00211	Aggregates 25 mm to 10 mm	Cum	**1474**
M-047	MAT-00212	Aggregates 19 mm to 6 mm	Cum	**1356**
M-048	MAT-00213	Aggregates 37.5 mm to 19 mm	Cum	**1462**
M-049	MAT-00214	Aggregates 37.5 mm to 25 mm	Cum	**1519**
M-050	MAT-00215	Aggregates 6 mm nominal size	Cum	**998**
M-051	MAT-00216	Aggregates 10 mm nominal size	Cum	**1228**
M-052	MAT-00217	Aggregates 13.2/12.5 mm nominal size	Cum	**1444**
M-053	MAT-00218	Aggregates 20 mm nominal size	Cum	**1786**
M-054	MAT-00219	Aggregates 25 mm nominal size	Cum	**1714**
M-055	MAT-00220	Aggregates 40 mm nominal size	Cum	**1110**

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-056		AC pipe 100 mm dia	Metre	**Rate as per PH item**
M-057	MAT-00221	Acrylic polymer bonding coat	Litre	**613**
M-058	MAT-00222	Aluminum Paint	Litre	**314**
M-059	MAT-00223	Aluminum alloy plate 2mm Thick	Sqm	**466**
M-060	MAT-00224	Aluminum alloy/Galvanized steel	Tonne	**72343**
M-061	MAT-00225	Aluminum sheeting fixed with encapsulated lens type reflective sheeting including 2% towards lettering, cost of angle iron, cost of drilling holes, nuts, bolts etc. and signs as applicable	Sqm	**1042**
M-062	MAT-00226	Aluminum studs 100 x 100 mm fitted with lens reflectors	No's	**As per local market Rate**
M-063	MAT-00227	Barbed wire	Kg	**70**
M-064	MAT-00228	Bearing (Cost of parts)	No's	**617**
M-065	MAT-00229	Bearing (Cast steel rocker bearing assembly of 250 tonne)	No's	**858**
M-066	MAT-00230	Bearing (Elastomeric bearing assembly consisting of 7 internal layers of elastomer bonded to 6 nos. internal reinforcing steel laminates by the process of vulcanization,)	Cm^3	**Rate as per PH item**
M-067	MAT-00231	Bearing (Forged steel roller bearing of 250 tonne)	No's	
M-068	MAT-00232	Bearing (Pot type bearing assembly consisting of a metal piston supported by a disc, PTFE pads providing sliding surfaces against stainless steel mating together with cast steel assemblies/fabricated structural steel assemblies duly painted with all components	No's	
M-069	MAT-00233	Bearing (PTFE sliding plate bearing assembly of 80 tonnes)	No's	
M-070	MAT-00234	Bearing (Supply of sliding plate bearing of 80 tonne)	No's	
M-071	MAT-00235	Bentonite	Kg	**9**

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-072		Binding wire	Kg	Rate as per item no.3 of Material rates of WRD.
M-073	MAT-00236	Bitumen (Cationic Emulsion)	Tonne	As per rates fixed by R&B Dept based on refinery rates
M-074	MAT-00237	Bitumen (60-70 grade)	Tonne	
M-075	MAT-00238	Bitumen (80-100 grade)	Tonne	
M-076	MAT-00239	Bitumen (Cutback)	Tonne	
M-077	MAT-00240	Bitumen (emulsion)	Tonne	
M-078	MAT-00241	Bitumen (modified graded)	Tonne	
M-079		Brick	Each	As per Building SSR
M-080	MAT-00242	C.I. shoes for the pile	Kg	**67**
M-081		Cement	Tonne	Rate as per item no.5 of Material rates of WRD.
M-082		Cold twisted bars (HYSD/TMT Bars)	Tonne	Rate as per item no.62 of Material rates of WRD
M-083	MAT-00243	Collar for joints 300 mm dia	No's	**159**
M-084	MAT-00244	Compressible Fibre Board (20mm thick)	Sqm	**596**
M-085	MAT-00245	Connectors/ Staples	Each	**82**
M-086	MAT-00246	Copper Plate (12m long x 250mmwide)	Kg	**366**
M-087	MAT-00247	Corrosion resistant Structural steel **Note: As per May-2026 rate fixed by Sub-Committee**	Tonne	**58000**
M-088	MAT-00248	Corrugated sheet, 3 mm thick, "Tie" beam section railing	Kg	**186**
M-089	MAT-00249	Credit for excavated rock found suitable for use	Cum	**272**
M-090	MAT-00250	Curing compound	Liter	Rate as per item no.15 of Material rates of WRD.
M-091	MAT-00251	Delineators from ISI certified firm as per the standard drawing given in IRC – 79.	Each	Rate as per local competitive quotations
M-092	MAT-00252	Earth Cost or compensation for selected earth for shoulders taken from Private Land	Cum	**160**
M-093	MAT-00253	Elastomeric slab seal expansion joint assembly manufactured by using chloroprene, elastomer for elastomeric slab unit conforming to clause 915.1 of IRC: 83 (part II),	Metre	As per local competitive quotations

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-094		Electric Detonators @ 1 detonator for 1/2 gelatin stick of 125 gms each	100 no's	Rate as per item no.21 of Material rates of WRD.
M-095	MAT-00254	Epoxy compound with accessories for preparing epoxy mortar	Kg	**341**
M-096	MAT-00255	Epoxy mortar	Kg	**113**
M-097	MAT-00256	Epoxy primer	Kg	**568**
M-098	MAT-00257	Epoxy resin-hardener mix for prime coat	Kg	**608**
M-099	MAT-00258	Flag of red color cloth 600 x 600 mm	Each	**29**
M-100	MAT-00259	Flowering Plants	Each	**52**
M-101	MAT-00260	Galvanized MS flat clamp	No's	**173**
M-102	MAT-00261	Galvanized steel wire crates of mesh size 100 mm x 100 mm woven with 4mm dia. GI wire in rolls of required size.	Sqm	**167**
M-103	MAT-00263	Galvanized structural steel plate 200 mm wide, 6 mm thick, 24 m long	Kg	**854**
M-104	MAT-00264	Gelatin 80%	Kg	**70**
M-105	MAT-00265	Geo grids	Sqm	Rate as per local competitive quotations
M-106		(a)Geo membrane 500 micron thick	Sqm	Rate as per item No. 52of WRD
		(b) Geo membrane 750 micron thick	Sqm	Rate as per item No. 53of WRD
		(c) Geo membrane 1000 micron thick	Sqm	Rate as per item No. 54of WRD

Sl. No.	CFMS CODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-107	MAT-00266	Geo nets	Sqm	Rate as per local competitive quotations
M-108		(a)Geo textile 160 gsm	Sqm	Rate as per item No. 29of WRD
		(b) Geo textile 200 gsm	Sqm	Rate as per item No. 30of WRD
		(c) Geo textile 250 gsm	Sqm	Rate as per item No. 31of WRD
M-109	MAT-00267	Geo textile filter fabric	Sqm	Rate as per local competitive quotations
M-110	MAT-00268	GI bolt 10 mm Dia	No's	**23**
M-111		Grouting pump with agitator	Hour	Rate covered in Item No.36 of hire charges Of machinery of Water Resources work items
M-112	MAT-00269	Grass (Doob)	Kg	**8**
M-113	MAT-00270	Grass (Fine)	Kg	**11**
M-114		HDPE pipes 75mm dia	Metre	Rate as per PH items
M-115		HDPE pipes 90mm dia	Metre	
M-116	MAT-00271	Hedge plants	Each	Rate as per local competitive quotations
M-117	MAT-00272	Helical pipes 600mm diameter	Metre	
M-118	MAT-00273	Hot applied thermoplastic compound	Litre	
M-119	MAT-00274	HTS strand	Tonne	**45550**
M-120	MAT-00275	Joint Sealant Compound	Kg	**66**
M-121	MAT-00276	Jute netting, open weave, 2.5 cm square opening for seeding and Mulching	Sqm	**98**

Sl. No.	CFMSCODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-122	MAT-00277	LDO for steam curing	Litre	**75**
M-123		M.S. Clamps	Kg	Deleted
M-124	MAT-00278	M.S. Clamps	Kg	Rate as per local market rate
M-125	MAT-00279	M.S. shoes @ 35 Kg per pile of 15 m	Kg	
M-126	MAT-00280	Mild Steel bars	Tonne	**60000**
M-127	MAT-00281	Modular strip/box seal expansion joint including anchorage catering to a horizontal movement beyond70 mm and up to 140mm assembly comprising of edge beams, central beam,2 modules chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-128	MAT-00282	Modular strip/box seal expansion joint catering to a horizontal movement beyond 140mm and up to 210mm box/box seal joint assembly containing 3 modules/cells and comprising of edge beams, two central beams, chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-129	MAT-00283	Nipples 12mm	No's	**22**
M-130	MAT-00284	Nuts and bolts	Kg	**115**
M-131	MAT-00285	Paint	Litre	**275**
M-132	MAT-00286	Pavement Marking Paint	Litre	Rate as per local competitive quotations
M-133	MAT-00287	Paving Fabric	Sqm	
M-134	MAT-00288	Perforated geo synthetic pipe 150 mm dia	Metre	
M-135	MAT-00290	Perforated pipe of cement concrete, internal dia 100 mm	Metre	
M-136	MAT-00291	Pesticide	Kg	
M-137		R.C.C Pipes 200 mm dia, 2.5 m long for drainage	Metre	Rate as per PH item

Sl. No.	CFMSCODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-138	MAT-00292	Plastic sheath, 1.25 mm thick for dowel bars	Sqm	**56**
M-139	MAT-00293	Plastic tubes 50 cm dia, 1.2 m high	No's	Rate as per local market rate
M-140	MAT-00294	Polymer braids	Metre	
M-141	MAT-00295	Pre moulded Joint filler, 25 mm thick for expansion joint.	Sqm	**316**
M-142	MAT-00296	Pre-coated stone chips of 13.2 mm nominal size	Cum	Rate as per local competitive quotations
M-143	MAT-00297	Preformed continuous chloroprene elastomer or closed cell foam sealing element with high tear strength, vulcanized in a single operation for the full length of a joint to ensure water tightness.	Metre	
M-144	MAT-00298	Pre-moulded asphalt filler board	Sqm	
M-145	MAT-00299	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	Kg	
M-146	MAT-00300	Sealant Primer	Kg	**186**
M-147	MAT-00301	Quick setting compound	Kg	**36**
M-148	MAT-00302	Random Rubble Stone	Cum	**339**
M-149		RCC Pipe NP 4 heavy duty non pressure pipe 1000 mm dia	Metre	Rate as per PH Items
M-150		RCC Pipe NP 4 heavy duty non pressure pipe 1200 mm dia	Metre	
M-151		RCC Pipe NP 4 heavy duty non pressure pipe 300 mm dia	Metre	
M-152	MAT-00303	Reflectorising glass beads	Kg	Rate as per local competitive quotations
M-153	MAT-00304	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Copper Strips)	Metre	
M-154	MAT-00305	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Galvanized carbon steel strips)	Metre	
M-155	MAT-00306	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Glass reinforced polymer/ fiber reinforced polymer/polymeric strips)	Metre	
M-156	MAT-00307	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Stainless steel strips)	Metre	
M-157	MAT-00308	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Aluminum strips)	Metre	

Sl. No.	CFMSCODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-158	MAT-00309	Rivets	Each	**10**
M-159		Sand bags (Cost of sand and Empty cement bag)	Per bag	Rate as per Item no.2 of miscellaneous items
M-160	MAT-00310	Sapling 2 m high 25 mm dia	Each	Rate as per local competitive quotations
M-161	MAT-00311	Scrap tyres of size 900 x 20	No's	**88**
M-162	MAT-00312	Seeds (Grass)	Kg	**24**
M-163		Cost of Selected earth	Cum	Deleted
M-164	MAT-00313	Separation Membrane of impermeable plastic sheeting 125 micron thick	Sqm	Rate as per local competitive quotations
M-165	MAT-00314	Sheathing duct	Metre	
M-166	MAT-00315	Shrubs	Each	**20**
M-167	MAT-00316	Sludge / Farm yard manure @ 0.18 cum per 100 sqm at site of work for turfing	Cum	Rate as per local competitive quotations
M-168		Sodium vapour lamp	Each	As per Buildings SSR
M-169	MAT-00317	Square Rubble Coursed Stone	Cum	**3047**
M-170	MAT-00318	Steel circular hollow pole of standard specification for street lighting to mount light at 5 m height above deck level	Each	Rate Obtained from Electricity/Municipal Departments
M-171	MAT-00319	Steel circular hollow pole of standard specification for street lighting to mount light at 9 m height above road level	Each	
M-172	MAT-00320	Steel drum 300 mm dia 1.2 m high/empty bitumen drum	No's	As per local competitive market rate
M-173	MAT-00321	Steel helmet and cushion block on top of pile head during driving.	Kg	
M-174	MAT-00322	Steel pipe 25 mm external dia as per IS:1239	Metre	**316**
M-175	MAT-00323	Steel pipe 50 mm external dia as per IS:1239	Metre	**622**
M-176	MAT-00324	Steel wire rope 20 mm	Kg	**202**
M-177	MAT-00325	Steel wire rope 40 mm	Kg	**224**

Sl. No.	CFMSCODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-178	MAT-00326	Strip seal expansion joint	Metre	Rate as per local competitive quotations
M-179		Structural Steel (HYSD/TMT bars)	Tonne	Rate as per item no.62 of Material rates of WRD
M-180		Super plasticizer admixture IS marked as per 9103-1999	Kg	Rate as per item no.70 of Material rates of WRD
M-181	MAT-00327	Synthetic Geo grids as per clause 3102.8 and approved design and specifications.	Sqm	Rate as per local competitive quotations
M-182		Through and bond stone (a) 20X20x30 to 45 cm long	Each	Rate as per item no.75 of Material rates of WRD.
		Through and bond stone (b) 25X25x45 to 60 cm long	Each	Rate as per item no.76 of Material rates of WRD.
		Through and bond stone (c) 30X30x65 to 75 cm long	Each	Rate as per item no.77 of Material rates of WRD.
M-183	MAT-00328	Tie rods 20mm diameter	No's	**58**
M-184		Tiles size 300 x 300 mm and 25 mm thick	Each	As per Building SSR
M-185		Timber	Cum	
M-186	MAT-00329	Traffic cones with 150 mm reflective sleeve	No's	Rate as per local competitive quotations
M-187	MAT-00330	Tube anchorage set complete with bearing plate, permanent wedges etc	No's	
M-188	MAT-00331	Un slaked lime	Tonne	**3253**
M-189(a)	MAT-00332	Water charges (Urban)	Kilo Litre	**139**
(b)	MAT-00333	Water charges (Rural)	Kilo Litre	**106**
M-190		Water based cement paint	Litre	As per Building SSR
M-191	MAT-00334	Welded steel wire fabric	Kg	**154**
M-192	MAT-00335	Wire mesh 50mm x 50mm size of 3mm wire	Kg	**280**

Sl. No.	CFMSCODE	Description	Unit	S. Rate for 2026-27
1	2	3	4	5
M-193		Wooden ballies 2" Dia for bracing	Each	As per Building SSR
M-194		Wooden ballies 8" Dia and 9 m long	Each	
M-195	MAT-00336	Wooden packing	Cum	**1380**
M-196	MAT-00337	Wooden staff for fastening of flag 25 mm dia, one m long	Each	**88**
Item 8.3	MAT-00338	Printing new letter and figures of any shade (ii) English Roman	per cm height per letter	**2**
Item 8.8		Painting Two Coats on New Concrete Surfaces	Sqm	As per Building SSR
Item 8.9		Painting angle iron post Two Coats	Sqm	
		Miscellaneous Items		
1	MAT-00339	Benching old embankment slopes 0.45 X 0.45 M	RM	**7**
2	MAT-00340	Laying Sand Bags in the stipulated places including cost of empty cement bag, sand, thread, stitching charges and labour charges with 13.615 % overhead charges and contractor's profit. (sand rate for filling is considered) Note: During the emergency conditions such as floods and other natural calamities, the above rate is allowed to enhance by 25% for 1st warning level and above, keeping in view of the difficulty in availability of labour and vehicles.	per bag	**18** (Sand rate is taken as '0' for the purpose of arriving the rate. Actual sand rate as fixed by District Level Sand Committee (DLSC) is to be updated for arriving the actual rate at the site as detailed in Page No.48, table I & II.)
3	MAT-00341	Rough stone for revetment 225mm thick	Cum	**201**
4	MAT-00342	Eradication of Weed growth from Drains, Canals by spraying Chemicals	Sqm	**3**
5	MAT-00343	Thinner	Ltr	**114**
6	MAT-00344	Gear Oil	Ltr	**297**
7	MAT-00345	Cardium compound	Kg	**120**

Conveyance Charges of Material

CONVEYANCE CHARGES OF MATERIALS AS PER SoR 2026-27(COMMON TO ALL DEPARTMENTS).

LEAD, LIFT, LOADING AND UNLOADING CHARGES FOR MATERIALS FOR THE YEAR: 2026-27

1. For total lead up to 150 m (including initial lead) lead charges by head load only shall be adopted irrespective of mode of conveyance.
2. For total lead exceeding 150 m conveyance by mechanical means only shall be adopted irrespective of mode of conveyance.
3. The rates for loading at quarry including idle hire charges of trucks and hire charges per for each kilometre and up to 5 km are cumulative and inclusive of total charges for Preceding lead.
4. Unless otherwise specified lead charges for Earth / Sand / Gravel / Aggregates and Stones are for loose volume and not for compacted or in-situ volume.
5. The rates for lift charges, lead charges, hire charges are cumulative and inclusive of rates for preceding lift, lead and hire charges.
6. Lift charges are not payable where conveyance of materials is by mechanical means to final placing point.
7. Loading and unloading charges are not payable for conveyance by head load.
8. Loading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 50 m wherever specified.
9. Loading and unloading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 1 km wherever specified.
10. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone are inclusive of stacking.
11. Hire charges are per 1KM for tippers and trucks for transport of materials from work site to dump yard and other places are cumulative& includes previous km up to 5 kms.
12. The lead & lift charges are exclusive of contractor's profit and overhead charges of 13.615%.
13. The loading and unloading charges are also exclusive of Contractor's profit and overhead charges of 13.615%.
14. During the BoCEs meeting held on 10.06.2015, the BoCEs has recommended to withdraw lead charges, loading and unloading charges for Cement as per the minutes of meeting of Sub-Committee held on 29.06.2015.(The conveyance charges, loading & unloading charges for cement are displayed for information purpose only).
15. As per the BOCE meeting held on 21.08.2019 in order to simplify the procedure of adding lead charges to the data items in the CFMS work module, the BOCE recommended to delete the contractor profit and overhead charges from the calculation of Lead, Lift, Loading and Unloading charges. But at the time of preparation of estimates the contractor profit and overhead charges on Lead, Lift, Loading and Unloading charges shall be added as usual.

A. (LEAD) CONVEYANCE CHARGES FOR MATERIALSBY HEADLOADFORTHEYEAR:2026-27

Sl No.	Total distance (Total lead includes initial lead)	Earth / Sand/Gravel/ Murrum/ Lime/ Surki/ Size stone /Cut stone Rubble / Coarse aggregate	Cement / Reinforcement steel Str steel Rs / tonne	PCC slab/ Shahbad slab/ CC block/BS slab/Late-rite/Wood Rs/ cum
1	2	3	4	5
1	Total lead upto 50 m (covered by item rate)	initial lead	initial lead	initial lead
2	Total lead upto 100 m	97.14	56.67	123.64
3	Total lead upto 150 m	194.29	113.33	247.27

Notes: 1. No loading or unloading charges are admissible for conveyance by head load.
2. For total lead exceeding 150 m conveyance charges by mechanical means only shall be adopted irrespective of mode of conveyance.

B. (LEAD) CONVEYANCE CHARGES FOR MACHINERY PER KILOMETER FOR TRANSPORTING MATERIALS BY TIPPERS AND TRUCKS EXCLUDING LOADING, UNLOADING AND IDLE HIRE CHARGES OF MACHINERY FOR THE YEAR: 2026-27 (No loading and unloading charges allowed for machinery loading and unloading)

Sl No.	Distance	(Lead) charges for Tippers for Earth / Sand /Gravel / Murrum/ Lime/ Surki/ per cu.meter	(Lead) charges for trucks for Rubble/Size stones/ Cut Stones/ Coarse aggregate per cu.meter	(Lead) charges for trucks for Cement/ Steel/ RCC poles/ AC &GI sheets/ Packed materials/ tonne	(Lead) charges for trucks per cu.meter for PCC slabs/ Shahabad slabs/ CC & Laterite blocks/ Wood/ cum	(Lead) charges for 1000 litres	(Lead) charges for trucks per 1000 nos. of bricks
1	2	3	4	5	6	7	8
1	Lead up to 1 km	40.85	39.27	24.54	57.74	24.76	65.44
2	Lead up to 2 km	57.18	54.97	34.36	80.84	34.66	91.62
3	Lead up to 3 km	76.25	73.30	45.81	107.79	46.22	122.16
4	Lead up to 4 km	92.58	89.00	55.63	130.89	56.12	148.34
5	Lead up to 5 km	108.92	104.71	65.44	153.98	66.02	174.51
6	for Every km beyond5 km up to 30 km	16.34	15.71	9.82	23.10	9.90	26.18
7	for Every km beyond	13.62	13.09	8.18	19.25	8.25	21.81

C. LOADING AND UNLOADING CHARGES BY MANUAL MEANS

(idle hire charges of trucks are not added)

Sl No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ sizestone/ cut stone/ Coarse aggregate , Lime in Rs/cum	Cement in Rs/tonne	Steel in Rs./tonne	Brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	32.24	64.47	106.38	127.51	88.65
2	Unloading	16.12	32.24	106.38	127.51	88.65

D. LOADING AND UNLOADING CHARGES BY MANUAL MEANS
(Including idle hire charges of trucks)

Sl No.	Description ofitem	Earth / Sand /Gravel Murrum/ Surki/ Rs / cum	Rubble/ sizestone/ cutstone/ Coarse aggregate , Limein Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	151.23	183.46	237.27	258.40	304.62
2	Unloading	55.62	91.73	237.27	258.40	304.62

E. LOADING AND UNLOADING CHARGES BY MECHANICAL MEANS
(Including idle hire charges of trucks)

Sl No.	Description of item	Earth/ Sand/Gravel Murrum/Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum
1	2	3	4
1	Loading	63.67	126.31
2	Unloading	20.63	20.63

F. LIFT CHARGES FOR MATERIALS BY HEADLOAD

Sl No.	Total lift (Total lift includes initial lift)	Earth / Sand /Gravel Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs / cum	Cement / Reinforcement steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab /Laterite / Wood Rs / cum
1	2	3	4	5
1	Total lift up to 3 m (covered by item rate)	Initial lift	Initial lift	Initial lift
2	For Every 1.00 Lift beyond initial lift of 3 meters	11.33	8.19	15.11

HIRE CHARGES

HIRE CHARGES OF PLANT & MACHINERY FOR THE YEAR:2026-27

Sl. No	DESCRIPTION	UNIT	CODE	Hire Charges	CODE	Fuel Charges	CODE	Crew Charges	Total in Rs
1	Agitator car / Transit mixer 2 cum	Hour	HIR-00001	791.29	HIR-00135	1587.53	LAB-00317	516.36	2895.18
2	Air compressor 5 cmm(electric)	Hour	HIR-00002	109.48	HIR-00136	285.52	LAB-00318	302.25	697.25
3	Air compressor 7 cmm(diesel)	Hour	HIR-00003	246.16	HIR-00137	1298.88	LAB-00319	386.88	1931.92
4	Air compressor 7 cmm(electric)	Hour	HIR-00004	137.00	HIR-00138	380.69	LAB-00320	302.25	819.94
5	Air compressor 8.5 cmm (diesel)	Hour	HIR-00005	288.50	HIR-00139	1623.60	LAB-00321	386.88	2298.98
6	Air compressor 8.5 cmm (Electric)	Hour	HIR-00006	177.65	HIR-00140	475.86	LAB-00322	302.25	955.76
7	Air compressor 15 cmm (electric)	Hour	HIR-00007	140.61	HIR-00141	1057.45	LAB-00323	322.40	1520.46
8	Angle Dozer 90 hp	Hour	HIR-00008	1610.29	HIR-00142	1110.54	LAB-00324	430.30	3151.13
9	Batching plant 0.5cum (6 cum/hr)	Hour	HIR-00009	111.48	HIR-00143	126.90	LAB-00325	621.38	859.76
10	Batching plant 2 x 1.00 cum (15 cum/hr)	Hour	HIR-00010	394.33	HIR-00144	380.69	LAB-00326	621.38	1396.40
11	Batching plant 2 x 1.50 cum (50 cum/hr)	Hour	HIR-00011	603.83	HIR-00145	465.28	LAB-00327	621.38	1690.49
12	Bending machine 3000 x 12 mm	Hour	HIR-00012	44.50	HIR-00146	126.90	LAB-00328	241.80	413.20
13	Clam shell and hoisting ropes	Hour	HIR-00013	6.12	HIR-00147	0.00		0.00	6.12
14	Concrete bucket 1.5 cum	Hour	HIR-00014	18.00	HIR-00148	0.00		0.00	18.00
15	Concrete hand mixer 45 / 30 ltr	Hour	HIR-00015	5.66	HIR-00149	0.00		0.00	5.66
16	Concrete mixer 300 / 200 (diesel)	Hour	HIR-00016	55.40	HIR-00150	144.33	LAB-00329	403.00	602.73
17	Concrete mixer 300 / 200 ltr (electric)	Hour	HIR-00017	54.10	HIR-00151	42.30	LAB-00330	403.00	499.40
18	Concrete mixer 600 / 400 (diesel) / 0.28 cum	Hour	HIR-00018	94.27	HIR-00152	288.64	LAB-00331	403.00	785.91
19	Concrete mixer 600 / 400 ltr (electric)	Hour	HIR-00019	92.33	HIR-00153	84.60	LAB-00332	403.00	579.93

Sl. No	DESCRIPTION	UNIT	CODE	Hire Charges	CODE	Fuel Charges	CODE	Crew Charges	Total in Rs
20	Concrete paver 100 sqm / hr	Hour	HIR-00020	359.30	HIR-00154	0.00	LAB-00333	773.76	1133.06
21	Convey mucker	Hour	HIR-00021	834.82	HIR-00155	294.40	LAB-00334	322.40	1451.62
22	Core drilling machine / Drilling equipment	Hour	HIR-00022	324.86	HIR-00156	432.96	LAB-00335	516.36	1274.18
23	Diesel generating set 30 KVA	Hour	HIR-00023	68.01	HIR-00157	1154.56	LAB-00336	241.80	1464.37
24	Diesel generating set 50 KVA	Hour	HIR-00024	84.94	HIR-00158	1731.84	LAB-00337	241.80	2058.58
25	Diesel Loco 45 hp	Hour	HIR-00025	389.48	HIR-00159	974.16	LAB-00338	302.25	1665.89
26	Dewatering pump 5 hp (diesel)	Hour	HIR-00026	10.73	HIR-00160	144.33	LAB-00339	204.67	359.73
27	Dewatering pump 5 hp (electric)	Hour	HIR-00027	3.27	HIR-00161	42.30	LAB-00340	153.47	199.04
28	Dewatering pump 10 hp (diesel)	Hour	HIR-00028	16.86	HIR-00162	288.64	LAB-00341	204.67	510.17
29	Dewatering pump 10 hp (electric)	Hour	HIR-00029	7.29	HIR-00163	84.60	LAB-00342	153.47	245.36
30	Dewatering pump 20 hp (diesel)	Hour	HIR-00030	53.26	HIR-00164	577.28	LAB-00343	204.67	835.21
31	Dewatering pump 20 hp (electric)	Hour	HIR-00031	13.68	HIR-00165	169.19	LAB-00344	153.47	336.34
32	Drifter	Hour	HIR-00032	328.35	HIR-00166	0.00	LAB-00345	645.45	973.80
33	Drilling jumbo	Hour	HIR-00033	396.21	HIR-00167	77.94	LAB-00346	322.40	796.55
34	Dumper 4.5 cum	Hour	HIR-00034	641.87	HIR-00168	727.38	LAB-00347	413.09	1782.34
35	Geophysical Electric resistivity meter	Hour	HIR-00035	111.16	HIR-00169	0.00		0.00	111.16
36	Grouting pump	Hour	HIR-00036	24.49	HIR-00170	42.30	LAB-00348	483.60	550.39
37	Guniting / sand blast equipment	Hour	HIR-00037	126.54	HIR-00171	0.00	LAB-00349	403.00	529.54
38	Ice plant & accessories 30 t / day	Hour	HIR-00038	190.00	HIR-00172	1205.50	LAB-00350	241.80	1637.30
39	Jack hammer	Hour	HIR-00039	19.11	HIR-00173	0.00	LAB-00351	604.50	623.61
40	Needle vibrator 40 mm (petrol)	Hour	HIR-00040	8.50	HIR-00174	32.39	LAB-00352	290.10	330.99

Sl. No	DESCRIPTION	UNIT	CODE	Hire Charges	CODE	Fuel Charges	CODE	Crew Charges	Total in Rs
41	Needle vibrator 40 mm (electric)	Hour	HIR-00041	8.10	HIR-00175	8.46	LAB-00353	290.10	306.66
42	Needle vibrator 60 mm (petrol)	Hour	HIR-00042	10.39	HIR-00176	48.59	LAB-00354	290.10	349.08
43	Needle vibrator 60 mm (electric)	Hour	HIR-00043	8.44	HIR-00177	12.68	LAB-00355	290.10	311.22
44	Planning machine 4 m stroke	Hour	HIR-00044	133.17	HIR-00178	126.90	LAB-00356	386.88	646.95
45	Plate shearing machine up to 12 mm	Hour	HIR-00045	47.53	HIR-00179	169.19	LAB-00357	258.18	474.90
46	Pneumatic placer 0.5 cum	Hour	HIR-00046	168.98	HIR-00180	0.00	LAB-00358	159.90	328.88
47	Pneumatic tamper	Hour	HIR-00047	20.15	HIR-00181	0.00	LAB-00359	483.60	503.75
48	Pug cutting machine	Hour	HIR-00048	6.86	HIR-00182	4.22		0.00	11.08
49	Pusher leg	Hour	HIR-00049	15.15	HIR-00183	0.00		0.00	15.15
50	Road roller diesel 10 t	Hour	HIR-00050	194.64	HIR-00184	1298.88	LAB-00360	394.37	1887.89
51	Shovel 0.50 cum 75 hp	Hour	HIR-00051	1047.41	HIR-00185	865.93	LAB-00361	430.30	2343.64
52	Shovel 0.85 cum 110 hp / Hydraulic Excavator	Hour	HIR-00052	1749.78	HIR-00186	1587.53	LAB-00362	430.30	3767.61
53	Stationery Derric crane	Hour	HIR-00053	87.64	HIR-00187	0.00		0.00	87.64
54	Tipper 5 / 5.5 cum	Hour	HIR-00054	493.27	HIR-00188	545.53	LAB-00363	322.73	1361.53
55	Tipping tub 1.5 cum	Hour	HIR-00055	75.02	HIR-00189	0.00		0.00	75.02
56	Tower crane 5 tonne	Hour	HIR-00056	870.74	HIR-00190	219.95	LAB-00364	344.24	1434.93
57	Transformer 250 KVA	Hour	HIR-00057	5825.73	HIR-00191	0.00		0.00	5825.73
58	Truck 10 t / Truck 5.5 cum per 10 tonnes	Hour	HIR-00058	446.46	HIR-00192	545.53	LAB-00365	316.88	1308.87
59	Truck mounted Derric crane 5 t	Hour	HIR-00059	555.06	HIR-00193	545.53	LAB-00366	316.88	1417.47
60	Upright drilling machine/Grinder	Hour	HIR-00060	24.32	HIR-00194	42.30	LAB-00367	360.75	427.37
61	Ventilation fan 20 hp	Hour	HIR-00061	12.99	HIR-00195	169.19	LAB-00368	52.94	235.12

Sl. No	DESCRIPTION	UNIT	CODE	Hire Charges	CODE	Fuel Charges	CODE	Crew Charges	Total in Rs
62	Vibratory pad foot roller 8 t	Hour	HIR-00062	1344.20	HIR-00196	1876.16	LAB-00369	483.60	3703.96
63	Wagon drill	Hour	HIR-00063	204.05	HIR-00197	0.00	LAB-00370	516.36	720.41
64	Water tanker 8000 ltr	Hour	HIR-00064	458.01	HIR-00198	545.53	LAB-00371	316.88	1320.42
65	Welding set	Hour	HIR-00065	17.57	HIR-00199	101.52		0.00	119.09
66	Winch 35 hp (electric)	Hour	HIR-00066	143.13	HIR-00200	207.26	LAB-00372	483.60	833.99
67	Hydraulic Truck Crane 30T	Hour	HIR-00068	3282.18	HIR-00202	2141.85	LAB-00373	959.71	6383.74
68	Hydraulic Truck Crane 16T	Hour	HIR-00069	2320.41	HIR-00203	1894.20	LAB-00374	959.71	5174.32
69	Heavy Duty Airless Spray Painting Equipment	Hour	HIR-00070	125.84	HIR-00204	0.00		0.00	125.84
70	Concrete Placer Pump (25 cum/hr) (Electric) / 30 Cum	Hour	HIR-00071	965.22	HIR-00205	507.58	LAB-00375	302.25	1775.05
71	Tractor with 2T roller	Hour	HIR-00067	--	HIR-00201	--		--	550.00
72	Lathe Machine	Hour		--		--		--	325.00

Sand bag rate under Miscellaneous items - Sl No:2 (CFMS Code: MAT-00340)

Description of item: "Laying of Sand Bags in the stipulated places including cost of empty cement bag, sand, thread, stitching charges and labour charges with 13.615% overhead charges and contractor's Profits (Filling sand rate for filling is to be considered)".

Note: During the emergency conditions such as floods and natural calamities, the above rate is allowed to enhance by 25% for first warning level and above, keeping in view of difficulty in availability of labour and vehicles.

Table No.I

Converting the sand from Rs/Tonne to Rs/Cum.

Type of Sand (1)	Rate of Sand per Tonne as fixed by DLSC (2)	Conversion Factor (3)	Screening Charges (4)	Rate per Cum (5)
				(5)=(2)*(3)+(4)
Sand for Concrete	Rate of Sand, excluding all taxes	1.57	0	
Sand for Plastering	Rate of Sand, excluding all taxes	1.57	128	
Sand for filling	Rate of Sand, excluding all taxes	1.19	0	

Table No. II

The cost of sand bag may be arrived as below

Sl No	Unit Description	Rate in Rs. per bag	Amount in Rs.	Remarks
1	2	3	4	5
1	Cost of sand at sale point	0.0347*Cost of filling sand in Cum as arrived from Table. l		
2	Cost of empty sand bag	8	8.00	Empty Sand bag rate (Sl. No.23/MAT-00023) as er SOR 26-27
3	Cost of filling in E.C.Bag including stitching charges, delifts and laying in position etc., @ 2 labours @3 minutes per bag.	(2*680*3) / (8*60)	8.50	Man Mazdoor as per Labour Rates unskilled category Sl. No.3(LAB-00120) as per SOR 26-27
4	L.S. Items such as thread cost, needle cost and other miscellaneous expenditures, say	0.30	0.30	
5	Total (1+2+3+4)			
6	Add Contractor's Profit and overheads on Sno.5 @13.615%			
	Grand Total			

Note: The applicable lead charges shall be allowed from the nearest sale point to the work site as per the prevalent SOR Rates.

Government of Andhra Pradesh

COMMON SCHEDULE OF RATES
FOR THE YEAR 2026-27
(*Effective from 1st June, 2026)*

R&B Department, AP

ROAD & BRIDGE WORKS

INDEX

PART-II

ROAD & BRIDGE WORKS

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PREAMBLE

1.0 AREA ALLOWANCES:

A) CORPORATIONS & MUNICIPALITIES:

a) (i) 25% extra over the rates on labour component of works is allowed in all Municipal Corporation Limits of Andhra Pradesh except Greater Visakhapatnam Municipal Corporation and Vijayawada Municipal Corporation (Upto a belt of 12 kms from Municipal corporation limits) and other Municipal Corporations as notified by the Government from time to time.

(ii) 40% extra over the rates on labour component of works for Greater Visakhapatnam and Vijayawada Municipal Corporation limits (Upto a belt of 12 kms from Municipal corporation limits)

(iii) 40% extra over the rates on labour component of works for Amaravati Capital City area (217 Sq. Km) as declared by the Govt. vide GO MS No. 141 MA&UD (M2) Dept., dt. 9.6.2015 (This is introduced as per the Govt. instructions issued in Govt. Memo No. 668755/ Reforms/ 2017 dt. 14.7.2017).

b) Allow 20% extra over basic rates on labour component of works in all District Headquarters and the remaining Municipal limits (up to a belt of 12 Kms. from Municipal limits)

c) For works at Tirumala Hills in Chittoor District, 40% extra over the basic rates of labour component is allowed.

d) For works at Horsely hills in Chittoor District, 30% extra over the basic rates of labour component is allowed.

e) For works located inside Tirumala Temple, 20% extra over the basic rate of labour component specified for Tirumala Hills is allowed.

f) For Works located inside T.T.D Temples of Sri Padmavathi Ammavari Temple,Tiruchanoor, Sri Govindaraja Swamy Temple at Tirupathi, Sri Kapileswara Swamy Temple, Kapilatheertham, Tirupathi and Sri Kalyana Venkateswara Swamy Temple, Srinivasa Mangapuram , 20% extra over the basic rates of labour component for Tirupathi Municipal Corporation is allowed.

B) JAIL COMPOUNDS:

20% extra is allowed over labour rates for the works in the Jail compounds. Only equivalent number of Man Mazdoor shall be provided in the Jail premises and no Women Mazdoor are allowed inside.

C) INDUSTRIAL AREA:

a. 20% Extra over basic rates on labour component works allowed for works situated within 10 Kms belt of Industrial area of Ibrahimpatnam, Vuyyuru, Jaggaiahpeta in Krishna District, Macherla, Gurajala, Challapalli in Guntur District, Garividi in Vijayanagaram District, Renigunta in Chittoor District, Yerraguntla & Mangampet in Kadapa District, Hindupur, Tadipatri, Anantapur, Guntakal, Rayalcheruvu, Yadiki of Anantapur District, Adoni, Dhone, Cement Nagar, Nandyal, Kurnool, Yemmiganur & Bethamcherla of Kurnool District and Anakapally of Vishakhapatnam District.

D) AGENCY / TRIBAL AREAS:

a) 25% extra allowed for the works located with in the interior Agency / Tribal limits, i.e. for the works located with in & upto16 KMs from any all weather route inside Agency / Tribal.

b) 40% extra allowed for the works located with in the interior Agency / Tribal limits, i.e. for the works located beyond 16 KMs from any all weather route inside Agency / Tribal.

NOTE: 1. No extra percentage is permissible in respect of Forest produce such as Bamboo, Rellu grass and for all materials obtained from outside the Agency / Tribal.

2. The extra percentage under Agency / Tribal areas allowance may be allowed on the labour component and on the labour charges in the rates for conveyance of materials.

3. The extra percentage on cost of materials in Agency / Tribal areas can be allowed on the labour component only, if they are manufactured in the Agency / Tribal areas itself except Forest produce.

E) GHAT ROADS:

For Ghat Roads steeper than 1 in 20, the length of the road may be taken as 1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.

Note: Under compelling circumstances, the concerned Chief Engineer can adopt the equivalent length of road as 2 ½ times of actual length.

Note for area allowances:

If more than one area allowance (such as those) for (1) Municipalities (2) Agency / Tribal areas (3) Industrial areas are applicable for a particular situation, only the maximum out of the allowable percentages is to be allowed.

2.0 WATER LEADS:

The following labour is allowed for conveyance of water for every ½ Kilometer lead or part there of over the initial lead of ½ kilometer.

a) Cement concrete : 1.5 Women Mazdoor / Cum.
b) Masonry : 1.0 Woman Mazdoor/ Cum.
c) Plastering : 0.5 Woman Mazdoor/ 10 Sq.m

Note:- For Water leads of over 2 KMs, specific approval of Chief Engineer concerned is necessary.

3.0 EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

I) EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -

A. TRIAL TRENCHES:

1) Trial trenches of not more than 2 metres in width …25% extra

B. TRIAL PITS:

1) Up to 2 Metres depth … 25% extra
2) 2 Metres to 4 Metres depth … 50% extra
3) 4 Metres to 6 Metres depth … 75% extra
4) 6 Metres to 8 Metres depth … 100% extra

5) 8 Metres to 9 Metres depth … 150% extra
6) More than 9 Metres depth … 200% extra

II) <u>EXCAVATION IN RESTRICTED PLACES</u>:-

I)	Foundation of Buildings	….	75% extra
II)	For pipe lines where the depth is less than 1.5 times the width	..…	75% extra
III)	For pipe lines where the depth is 1.5 times or more than the width	. …	120% extra
IV)	Silt removal in restricted areas such U. T's., Culverts and Syphons.	…	120% extra
V)	Excavation of field channels	…	*75% extra*
VI)	For narrow trenches not more than 2 meters in width and depth not less than twice the width and for excavation of road boundary drains, model sections of canals.	…	75% extra
VII)	High berm cutting of not more than 150 mm average thickness and Sectioning for roads	…	50% extra

Note: 1) The extra percentage is allowed over rate for corresponding soil. It includes the charges for all lifts and initial lead but does not include dewatering charges if any in respect of all the items under (A) and (B) above.

2) The above extra percentages in respect of excavation in hard rock for restricted places are to be allowed for (2/3) rd of the cost and shall not to be allowed in respect of items involving blasting component which may be taken as 1/3 of the cost.

4.0 <u>Proportion of First class and 2nd class workmen under Skilled Labour</u>:

30% of the skilled labour provided in the data may be taken as 1st Class and the remaining 70% as 2nd Class.

5.0 <u>Revetment and apron works</u>:

I) The size of stone for the volume range (0.015 to 0.030 Cum) shall not be less than (0.30 X 0.30 X 0.15 to 0.30 X 0. 225 X 0.225m)

II) The size of stone for the volume range (0.011 to 0.015 Cum) shall not be less than (0.30 X 0.225 X 0.15 to 0.225 X 0.225 X 0. 225 m)

III) The rate of labour component as per the standard data book is to be adopted for revetment work only. However for apron work Rs. 3.00 per cum. should be deducted.

6.0 <u>Deep cuts:</u>

Deep cuts are defined as reaches of canal where excavation in all soils is for a depth of excavation 6m and more.The following increase over normal rates is permitted in deep cuts on a graded basis.

I)	Up to 6 m excavation: The S. S. R. of corresponding classification of earth work excavation is applicable.		
II)	Beyond 6 m and up to 9 m excavation	-	9% extra
III)	Beyond 9 m and up to 12 m excavation	-	12% extra
IV)	Beyond 12 m and up to 16 m excavation	-	15% extra
V)	Beyond 16 m and up to 30 m excavation	-	20% extra
VI)	Beyond 30 m excavation	-	40% extra

NOTE : 1) The extra percentage is only on basic rate. 2) The above percentage are not applicable for **"LEADS & LIFTS".** 3) The above extra percentages are to be allowed only on items excluding the blasting component which may be taken as 1/3 of the rate.

7.0 <u>The conveyance of bitumen for bulk and packed may be admitted as follows</u>:

Packed -- Rs. **2.10** per Km/ MT
Bulk -- Rs. **2.10** per Km/ MT (round trip)

8.0 <u>SEIGNIORAGE CHARGES, DMF, MERIT:</u>

The rates of materials indicated in the SoR are exclusive of Seigniorage fees, DMF Charges, MERIT Charges. Appropriate Seigniorage fees, DMF Charges, MERIT Charges as fixed by the Government from time to time for relevant materials are to be added to the unit rate of work items in the estimates. Seigniorage fees is revised for minor minerals vide G.O.Ms.No.100 Industries and commerce (Mines-II) Department dated.26.06.2025 (refer to pp.58-60). Further Consideration amount is revoked vide G.O.Ms.No.57 Industries and commerce (Mines-II) Department dated 18.04.2025. Hence, Consideration amount shall not be allowed for the measurements recorded on or after 18.04.2025 for all the ongoing/new works. Seigniorage fees given in G.O.Ms.No.100 are in Rs/Tonne. In order to arrive cum rate, conversion factors are issued based on G.O.Ms. No.11 Industries and commerce (Mines-II) Department date.11.02.2020. The conversion factors are annexed to G.O.Ms.No.100 Industries and commerce (Mines-II) Department dated.18.04.2025 for ready reference.

DMF charges are to be added as per G.O. Ms. No. 37 (Industries and Commerce M.III Dept.) dt.15-03-2024 read with G.O. Ms. No. 36 (industries and Commerce MII Dept., dt.14-03-2016 (DMF), and MERIT charges are to be added as per G.O. Ms. No. 18 (Industries and Commerce M-II Dept., dt.13-01-2016 (MERIT).The revised rates as fixed by the Mines & Geology Department from time to time are to be adopted whenever there is revision of rates. The same is to be mentioned in the agreements with appropriate clauses to effect the changes.

9.0 ***Earthwork excavation rate for Trench cutting, formation of embankment & shoulders, foundations, removal of unserviceable soil etc., is to be arrived based on the Machinery adopted in the MoRTH Standard data book for excavation of soil.***

10.0 All the Materials and Machinery Hire charges are excluding Taxes.

LABOUR RATES

Sl. No	S.S. Item No.	CFMS Code	Description	Unit (Per)	S O R Rate for 2026-27 in Rs.	Remarks
1	2	3	4	5	6	7
			(A) SKILLED WORKMEN			
			First Class			
1	a	LAB-00039	Stone cutter	Day	As per WR Dept. (S.No.39)	As per WR Dept. (S.No.39)
2	b	LAB-00011	Mason & Brick Layer	Day	As per WR Dept. (S.No.11)	As per WR Dept. (S.No.11)
3	c	LAB-00004	Carpenter	Day	As per WR Dept. (S.No.4)	As per WR Dept. (S.No.4)
4	d	LAB-00035	Painter	Day	As per WR Dept. (S.No.35)	As per WR Dept. (S.No.35)
5	e	LAB-00036	Plumber	Day	As per WR Dept. (S.No.36)	As per WR Dept. (S.No.36)
6	f	LAB-00041	Welder	Day	As per WR Dept. (S.No.41)	As per WR Dept. (S.No.41)
7	g	LAB-00006	Fitter	Day	As per WR Dept. (S.No.6)	As per WR Dept. (S.No.6)
8	h	LAB-00005	Electrician	Day	As per WR Dept. (S.No.5)	As per WR Dept. (S.No.5)
9	1	LAB-00125	Cook	Day	As per WR Dept. (S.No.2) Other Category	As per WR Dept. (S.No.2) Other Category
10	2	LAB-00012	Mechanic	Day	As per WR Dept. (S.No.12)	As per WR Dept. (S.No.12)
11	3	LAB-00043	Rigger	Day	**880**	
12	4	LAB-00044	Rigger Syrang	Day	**880**	
13	5	LAB-00045	Well Sinker	Day	**880**	
14	6	LAB-00003	Blaster	Day	As per WR Dept. (S.No.3)	As per WR Dept. (S.No.3)
15	3	LAB-00001	Bar bender	Day	As per WR Dept. (S.No.1)	As per WR Dept. (S.No.1)
16	7	LAB-00015	Tipper and Heavy Vehicle Driver above 12 T	Day	As per WR Dept. (S.No.15)	As per WR Dept. (S.No.15)
17		LAB-00046	Tanker and medium Vehicle driver (7.5 T to 12 T)	Day	**855**	
18		LAB-00047	Tanker and Light Vehicle driver up to 7.5 T	Day	**680**	
19		LAB-00048	Wagon Drill Operator upto 7.5 T	Day	**855**	
20	8	LAB-00049	Lorry and Heavy Vehicle Driver above 12 T	Day	**900**	
21		LAB-00027	Road Roller Driver (7.5 T to 12 T)	Day	As per WR Dept. (S.No.27)	As per WR Dept. (S.No.27)
22			Road Roller Driver 7.5 T	Day	Deleted	
23	9		Tractor Driver above 12 T	Day	Deleted	
24			Tractor Driver (7.5 T to 12 T)	Day	deleted	
25		LAB-00050	Tractor Driver 7.5 T	Day	**830**	
			Operator			
26	10	LAB-00051	Pan Mixer	Day	**885**	
27		LAB-00016	Concrete Mixer	Day	As per WR Dept. (S.No.16)	As per WR Dept. (S.No.16)

Sl. No	S.S. Item No.	CFMS Code	Description	Unit (Per)	S O R Rate for 2026-27 in Rs.	Remarks
1	2	3	4	5	6	7
28		LAB-00032	Vibrator	Day	As per WR Dept. (S.No.32)	As per WR Dept. (S.No.32)
29		LAB-00052	Compresser	Day	As per WR Dept. (S.No.13) (Skilled)	As per WR Dept. (S.No.13) (Skilled)
30		LAB-00023	Jack Hammer	Day	As per WR Dept. (S.No.23)	As per WR Dept. (S.No.23)
31		LAB-00034	Driller	Day	As per WR Dept. (S.No.34)	As per WR Dept. (S.No.34)
32		LAB-00053	Boring Maistry	Day	**800**	
33	11	LAB-00024	Pump operator	Day	As per WR Dept. (S.No.24)	As per WR Dept. (S.No.24)
34	12	LAB-00054	Turner Grade-I	Day	As per WR Dept. (S.No.43) (Skilled)	As per WR Dept. (S.No.43) (Skilled)
35	13	LAB-00135	Wireless Operator	Day	As per WR Dept. (S.No.12) Other Category	As per WR Dept. (S.No.12) Other Category
36	14	LAB-00055	Assistant Wireless Operator	Day	**790**	
37	15	LAB-00138	Jeep Driver	Day	As per WR Dept. (S.No.15) Other Category	As per WR Dept. (S.No.15) Other Category
38	16	LAB-00132	Work Inspector with I.T.I qualification	Day	As per WR Dept. (S.No.9) Other Category	As per WR Dept. (S.No.9) Other Category
39	17	LAB-00127	Work Inspector with LCE, LME,L.E.E qualification	Day	As per WR Dept. (S.No.4) Other Category	As per WR Dept. (S.No.4) Other Category
40	18	LAB-00130	Work Inspector with B.E (Civil, Mechanical and Electrical) qualification	Day	As per WR Dept. (S.No.7) Other Category	As per WR Dept. (S.No.7) Other Category
41	19	LAB-00010	Work Inspector with Non-technical qualification SSLC/SSC/HSC	Day	As per WR Dept. (S.No.10)	As per WR Dept. (S.No.10)
42	20	LAB-00056	Mason Spl. Grade for Mossaic and Polished shahabad stone floor	Day	**865**	
43	21 a(i)	LAB-00136	Typist / Job Typist	Day	As per WR Dept. (S.No.13) Other Category	As per WR Dept. (S.No.13) Other Category
	a (ii)	LAB-00134	Computer operator	Day	As per WR Dept. (S.No.11) Other Category	As per WR Dept. (S.No.11) Other Category
	b	LAB-00137	CAD Operator with Diploma in Engineering /General degree with CAD certificate	Day	As per WR Dept. (S.No.14) Other Category	As per WR Dept. (S.No.14) Other Category
			(B) SEMI –SKILLED WORKMEN			
			SECOND CLASS			
44	a	LAB-00091	Mason	Day	As per WR Dept. (S.No.35) Semi-Skilled	As per WR Dept. (S.No.35) Semi-Skilled
45	b	LAB-00091	Brick Layer and Stone Cutter	Day	As per WR Dept. (S.No.35) Semi-Skilled	As per WR Dept. (S.No.35) Semi-Skilled
46	c	LAB-00060	Carpenter	Day	As per WR Dept. (S.No.4) Semi-Skilled	As per WR Dept. (S.No.4) Semi-Skilled

Sl.no	S.S. Item No.	CFMS Code	Description	Unit (Per)	S O R Rate for 2026-27 in Rs.	Remarks
1	2	3	4	5	6	7
47	d	LAB-00093	Painter	Day	As per WR Dept. (S.No.37) Semi-Skilled	As per WR Dept. (S.No.37) Semi-Skilled
48	e		**deleted**			
49	f	LAB-00002	Blacksmith	Day	As per WR Dept. (S.No.2) (Skilled)	As per WR Dept. (S.No.2) (Skilled)
50	g	LAB-00098	Welder	Day	**730**	
51	h	LAB-00099	Fitter	Day	**730**	
52	i	LAB-00100	Electrician	Day	**730**	
53	2	LAB-00101	Caulker	Day	**730**	
54	4	LAB-00102	Tinker	Day	**730**	
55	5	LAB-00103	Sawyer	Day	**730**	
56	6	LAB-00104	Brick-Moulder	Day	**730**	
57	7	LAB-00105	Pot-tile turner	Day	**730**	
58	8	LAB-00106	Pan-tile turner	Day	**730**	
59	9	LAB-00107	Brick and Lime Kiln man/Glazzer	Day	**730**	
60	10	LAB-00135	Telephone Operator	Day	As per WR Dept. (S.No.12) Other Category	As per WR Dept. (S.No.12) Other Category
61	11	LAB-00108	Hand Driller	Day	**730**	
62	12	LAB-00109	Quarry Man	Day	**730**	
63	13	LAB-00081	Hammer Man	Day	As per WR Dept. (S.No.40) Semi-skilled	As per WR Dept. (S.No.40) Semi-skilled
64	14	LAB-00110	Thatcher	Day	**730**	
65	15	LAB-00111	Fireman	Day	**730**	
66	16	LAB-00112	Cleaner/Helper	Day	**730**	
67	17	LAB-00113	Stone Packer	Day	**730**	
68	18	LAB-00114	Jawali	Day	**730**	
69	19	LAB-00115	Ex-Service man/Goorkha watchman	Day	**730**	
70	20	LAB-00116	Ratton Worker	Day	**730**	
71	21	LAB-00117	Mate	Day	**730**	
72	1	LAB-00066	Head Mazdoor (Mukaddar)	Day	As per WR Dept. (S.No.10) Semi-Skilled	As per WR Dept. (S.No.10) Semi-Skilled
			(C) UNSKILLED WORKMEN			
73	2	LAB-00120	Man Mazdoor	Day	As per WR Dept. (S.No.3) Un-Skilled	As per WR Dept. (S.No.3) Un-Skilled
74	3	LAB-00122	Watch Man	Day	As per WR Dept. (S.No.5) Un-Skilled	As per WR Dept. (S.No.5) Un-Skilled
75	5	LAB-00121	Woman Mazdoor	Day	As per WR Dept. (S.No.4) Un-Skilled	As per WR Dept. (S.No.4) Un-Skilled
76	6 (b)	LAB-00123	Helper/Cleaners/Sweepers/Scavangers/Choukidars/Security Guards/Office Boys	Day	**665**	

			Note : *Whenever unskilled workmen are engaged for cleaning of Sewers & Septic Tanks, they may be paid double the above wages.*			
			(D) OTHER CONVEYANCE ITEMS			
Sl.no	**S.S. Item No.**	**CFMS Code**	**Description**	Unit (Per)	**S O R Rate for 2026-27 in Rs.**	**Remarks**
1	2	3	4	5	6	7
77	1	LAB-00062	Single bullock with driver and cart	Day	As per WR Dept. (S.No.6) Semi-Skilled	As per WR Dept. (S.No.6) Semi-Skilled
78	2		Bullock pair with driver	Day	**850**	
79	3	LAB-00061	Bullock pair with driver and cart	Day	As per WR Dept. (S.No.5) Semi Skilled	As per WR Dept. (S.No.5) Semi Skilled
80	4	LAB-00140	Bullock pair with driver and cart with pneumatic tyres	Day	**950**	
81	5		Bullock pair driver and kapila	Day	Deleted	
82	6	LAB-00063	Nava with crew	Day	As per WR Dept. (S.No.3) Semi Skilled	As per WR Dept. (S.No.3) Semi Skilled
83	7	LAB-00141	Punt thundal	Day	**640**	
84	8	LAB-00142	Punt lascar	Day	**640**	
	Note:		1) The wage should not be less than the minimum wages of schedule of employment, subject to out turn.			
			2) 25% extra over the corresponding labour rates in respect of the work to be done during night time subject to issue of certificate accordingly by the concerned estimate sanctioning authority for providing in the data and by the concerned Executive Engineer in charge of the work for payment. The night time allowance is applicable only to the works done under Greater Visakhapatnam Municipal Corporation and Vijayawada Municipal Corporation only.			

MATERIAL & WORK ITEM RATES

RATES OF MATERIALS & WORK ITEMS

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
			(A) STONE AND ROAD MATERIALS			
			ROUGH STONE QUARRIED INCLUDING WEDGING, BREAKING, BURNING, SPLITTING.			
1	MAT-00405	22.a	For R.R Masonry Work (other than Granite, Dolomite and Trap)	1 cum	171.45	
2	MAT-00341	b.i	For SS Revetment work 225 mm	1 cum	**121.00**	As per WR Dept. (S.No.3) of Miscellaneous items
3	MAT-00176	b.ii	For SS Revetment work 300 mm	1 cum	**137.00**	As per WR Dept. (M 003 of Materials other than covered under Irrigation items)
4	MAT-00406	b.iii	For SS Revetment work 450 mm	1 cum	148.55	
5	MAT-00407	c	Jeddy Stone above 450 mm to 600 mm	1 cum	**159.00**	
6	MAT-00408	d i	Laterite for revetment 225 mm	1 cum	129.50	
7	MAT-00409	d ii	Laterite for revetment 300 mm	1 cum	151.43	
8	MAT-00410	d iii	Granite for SS revetment 225 mm	1 cum	**121.00**	
9	MAT-00411	d iv	Granite for SS revetment 300 mm	1 cum	**137.00**	
			Note:- Only when other granite is not available			
10	MAT-00412	e	Laterite for masonry	1 cum	148.55	
11	MAT-00413	f	Cyclopean stones above 0.2 cum	1 cum	278.10	
12	MAT-00302	g	For R.R.Masonry works (granite, dolamite and trap variety)	1 cum	**254.00**	As per WR Dept. (M 148 of Materials other than covered under Irrigation items)
13			NOTE:- For items 22(a) to 22© and 22(g) add extra Rs /cum, wherever quarrying is done by blasting	1 cum	80.00	
			COURSED RUBBLE STONE QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING FOR SS FIRST SORT WORKS			
14	MAT-00414	23.a	Granite, Dolamite and trap	1 cum	274.30	
15	MAT-00415	23.b	For other varieties	1 cum	197.15	
16	MAT-00416	27	Granite stone slabs for culverts, lintels and copings (3 faces dressed coarsed rubble masonry)	1 cum	1810.50	
17			NOTE: - For items 23(a), 23(b) and 27 add extra Rs. Per Cum, wherever quarrying is done by blasting	1 cum	80.00	

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
18	MAT-00417	28.a	Bond stones (600 x 200 x 200 mm)	each	47.60	
19	MAT-00418	b	Chainage stones and Centre line stones (750x150x150 mm)	each	47.60	
20	MAT-00419	31	Demarcation Stones (900 x 150 x 150 mm)	each	85.70	
21	MAT-00420	32.a	Guard Stones (1200 x 200 x 200 mm)	each	144.75	
22	MAT-00421	B	Guide Stones (800 x 150 x150 mm)	each	97.15	
23	MAT-00422	C	Carving letters and figures in stone up to 100 mm size	each	9.50	
24	MAT-00423	D	Carving letters and figures in stone above 100 mm size	each	10.50	
			HARD BROKEN STONE OF GRANITE, TRAP AND DOLERITE FREE FROM DUST OBTAINED BY QUARRYING, WEDGING, BREAKING, BURNING AND SPLITTING			
25	MAT-00215	33.a	- do - **6 mm** size (**SS 5)**	1 cum	**718.00**	As per WR Dept. (M 050 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)
26	MAT-00216	b	- do - **10 mm** size **(SS 5**)	1 cum	**903.00**	As per WR Dept. (M 051 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)
27	MAT-00217	c	- do - **12 mm** size (**SS 5**)	1 cum	**1075**	As per WR Dept. (M 052 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)
28	MAT-00218	d	- do - **20 mm** size (**SS 5**)	1 cum	**1349**	As per WR Dept. (M 053 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
29	MAT-00219	e	- do - **25 mm** size (**SS 5**)	1 cum	**1292**	As per WR Dept. (M 054 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)
30	MAT-00220	f	- do - **40 mm** size (**SS 5**)	1 cum	**809**	As per WR Dept. (M 055 of Materials excluding blasting charges Rs.80/- and Machine crushing charges @ 25%)
31	MAT-00424	g	- do - 50 mm size (SS 5)	1 cum	434.30	
32	MAT-00425	h	- do - 60 mm size (SS 5)	1 cum	399.05	
33	MAT-00426	i	- do - 65 mm size (SS 5)	1 cum	360.95	
34	MAT-00427	j	- do - 75 mm size (SS 5)	1 cum	289.50	
35	MAT-00428	k	- do - 75 to 100 mm size (SS 5)	1 cum	236.20	
36			NOTE:- (1) Add extra Rs. /- per cum for items 33 (a) to 33 (k) if the metal is obtained by blasting	1 cum	80.00	
37			(2) Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%	
38			(3) Deduct Rs. /- per cum if the metal or rubble is obtained from surface stone and boulders.	1 cum	9.90	
39			(4) Add Rs. /- per cum for selection of stones and boulders from excavated spoil dumps for items 33 a to 33 k, when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum mentioned under Note (3) above should invariably be made.	1 cum	17.00	
				1 cum	9.90	
			SOFT BROKEN STONE SCREENED AND FREE FROM DUST			
40	MAT-00429	33.l	- do - 40 mm size (SS 5)	1 Cum	117.15	
41	MAT-00430	33.m	- do - 50 mm size (SS 5)	1 Cum	105.70	
42	MAT-00431	33.n	- do - 60 mm size (SS 5)	1 Cum	82.85	
43	MAT-00432	33.o	- do - 65 mm size (SS 5)	1 Cum	74.30	
44	MAT-00433	33.p	- do - 75 mm size (SS 5)	1 Cum	69.50	

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
			HARD BROKEN STONE OF GRANITE TRAP DOLERITE AND DOLAMITE FREE FROM DUST OBTAINED BY QUARRYING WEDGING, BREAKING, BURNING AND SPLITTING (QUARTZITE AND BASALT WITH AGGREGATE IMPACT OF LESS THAN 20)			
45	MAT-00434	33a	-do- **2.36 mm to 5 mm** size (IRC & MORTH)	1 cum	**517.00**	
46	MAT-00435	b	-do- **5 mm to 7 mm** size (IRC & MORTH)	1 cum	**737.00**	
47	MAT-00436	c	-do- **9.5 mm to 11.2 mm** size (IRC & MORTH)	1 cum	**896.00**	
48	MAT-00437	d	-do- **12 mm to 14 mm** size (IRC & MORTH)	1 cum	**1029.00**	
49	MAT-00438	e	-do- **19 mm to 22 mm** size (IRC & MORTH)	1 cum	**1265.00**	
50	MAT-00439	f	-do- **25 mm to 27 mm** size (IRC & MORTH)	1 cum	**1264.00**	
51	MAT-00440	g	-do- **40 mm to 45 mm** size (IRC & MORTH)	1 cum	**810.00**	
52	MAT-00441	h	-do- **50 mm to 55 mm** size (IRC & MORTH)	1 cum	**603.00**	
53	MAT-00442	i	-do- **60 mm to 63 mm** size (IRC & MORTH)	1 cum	**553.00**	
54	MAT-00443	j	-do- 65 mm size (IRC and MORTH)	1 cum	360.95	
55	MAT-00444	k	-do- 75 mm size (IRC and MORTH)	1 cum	289.50	
56		l	NOTE:- Add extra Rs. /- per cum for items 33 (a) to 33 (j) if the metal is obtained by blasting	1 cum	80.00	As proposed by WR Dept.
57		2	Add 25% extra per cum if the metal is obtained by machine crushing excluding cost of blasting.	1 cum	25%	As proposed by WR Dept.
58		3	Deduct Rs. /- per cum if the metal or rubble is obtained from surface stones and boulders	1 cum	9.90	
59		4	Add Rs. /- per cum for selection of stones and boulders from excavated soil dumps for items 33 (a) to 33 (k), when this addition of Rs. /- per cum allowed deduction of Rs. /- per cum mentioned under note (3) above should invariably be made	1 cum	17.00 9.90	
			HARD BROKEN STONE OTHER THAN GRANITE SUCH AS QUARTZ, QUARTZ-NAPA AND BASALT SCREENED AND FREE FROM DUST			
60	MAT-00445	33.q	- do - 10 mm size (SS 5)	1 Cum	367.60	
61	MAT-00446		-do- 9.5 mm to 11.2 mm size (IRC and MORTH)	1 Cum	367.60	
62	MAT-00447	r	- do - 12 mm size (SS 5)	1 Cum	344.75	

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
63	MAT-00448		-do- 12mm to 14 mm size (IRC and MORTH)	1 Cum	344.75	
64	MAT-00449	S	- do - 20 mm size (SS 5)	1 Cum	279.05	
65	MAT-00450		-do- 19 mm to 22 mm size (IRC and MORTH)	1 Cum	279.05	
66	MAT-00451	T	- do - 25 mm size (SS 5)	1 Cum	273.35	
67	MAT-00452	U	- do - 40 mm size (SS 5)	1 Cum	161.90	
68	MAT-00453		-do- 40 mm to 45 mm size (IRC and MORTH)	1 Cum	161.90	
69	MAT-00454	V	- do - 50 mm size (SS 5)	1 Cum	142.85	
70	MAT-00455		-do- 50 mm to 55 mm size (IRC and MORTH)	1 Cum	142.85	
71	MAT-00456	33.w	- do - 65 mm size (SS 5)	1 Cum	135.25	
72	MAT-00457		-do- 60 mm to 65 mm size (IRC and MORTH)	1 Cum	135.25	
73	MAT-00458	X	- do - 75 mm size (SS 5)	1 Cum	111.45	
74	MAT-00459		- do - 75 mm size (IRC &MORTH)	1 Cum	111.45	
75	MAT-00460	Y	- do - 75 to 100 mm size (SS 5)	1 Cum	87.60	
76	MAT-00461		- do - 75 to 100 mm (IRC& MORTH)	1 Cum	87.60	
			OTHER ITEMS			
77	MAT-00462	33.z1	Laterite 40 to 75 mm (ring)	1 Cum	96.20	
78	MAT-00463	z2	kankar, hard broken kankar 40 to 75 mm (ring)	1 Cum	71.45	
79	MAT-00464	z3	Soling stone of 150 mm size of granite, trap and Dolamite varieties.	1 Cum	**114.00**	
80			NOTE:- (1) Add extra for items to 33(z3) Rs /- Per cum, wherever quarrying is done by blasting. (2) Wherever controlled blasting is resorted to the Chief Engineer concerned shall approve the observed data in support of SS item No. 22 a to 22 c , 22g, 23	1 Cum	80.00	As proposed by WR Dept.
81	MAT-00465	z4	Soling stone of 150 mm size other than granite variety	1 Cum	72.40	
82	MAT-00466	z5	Soling Stone laterite, Kankar 150mm, surface stone	1 Cum	44.75	
83	MAT-00467	z6	Field picked metal unbroken 20 mm size	1 Cum	58.10	
84	MAT-00468	z7	- do - 25 mm size	1 Cum	43.80	
85	MAT-00469	z8	- do - 40 mm size	1 Cum	50.50	
86	MAT-00470	z9	- do - 50 mm size	1 Cum	43.80	
87	MAT-00471	z10	- do - 60 mm size	1 Cum	38.10	
88	MAT-00472	z11	- do - 80 mm size	1 Cum	33.35	
89		NOTE:- Add Rs. /- Per Cum for selection of stone and boulders from excavated spoil dumps for items 33 (Q) TO 33 Z , when this addition of Rs. /- per Cum is allowed, deduction of Rs. /- per Cum should invariably be made towards the metal or rubble if it is obtained from surface stone and boulders.			17.00	
90	MAT-00177	34	Gravel	1 Cum	**190.00**	As per WR Dept. (M 008 of Materials other than covered under Irrigation Items)

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
91	MAT-00473	35 a	Quarry rubbish	1 Cum	**105.00**	
92	MAT-00068	B	HBG Stone Chips 2.36 mm and below	1 Cum	**497.00**	As per WR Dept. (Sl.No.67 of Materials)
93	MAT-00027	36.a	Fine aggregate / **Sand** (un-screened) for Concrete & Filtering items	1 Cum	**0**	As per WR Dept. (Si. No. 27 of Materials) and will be revised as per the Govt. new sand policy
94	MAT-00028	b.	Fine aggregate / **Sand** (unscreened) for filling	1 cum	**0**	
95	MAT-00029	c	Fine aggregate / **Sand** (screened) for Mortar, Plastering items and Sand blasting items **(Rs. 128/- is added towards screening charges)**	1 Cum	**128**	As per WR Dept. (Si. No. 28 of Materials) and will be revised as per the Govt. new sand policy
96	MAT-00475	37	Clay for puddle and masonry Items 38 (a) to 39 (h) As per local prevailing rates based on competitive quotations.	1 Cum	38.00	
			(C) LIME AND CEMENT			
97		40 to 41(c)			As per local prevailing rates based on competitive rates	
98	MAT-00005	42	Cement excluding cost of empty cement bags	1 MT	**4220**	Rate is subjected to change as Per the Govt. decision from time to time
	NOTE: (1) The rates are exclusive of VAT, Excise duty and GST 2) The price of cement will be reviewed and fixed on monthly basis and rates will be communicated separately.					
99	MAT-00476	C	Grinding lime mortar or Surkhi mortar	1 Cum	95.25	
100	MAT-00477	D	Shell lime slaked and screened	1 Cum	940.00	
101	MAT-00478	E	White cement	1 Kg.	27.95	
102			**(D) MORTARS**			
103		43 to 45	Items 43 to 45			
			(E) METAL AND IRON WORKS			
104			Mild steel rods 6mm dia.	1 MT	Monthly rates communicated by the Govt	
105			Mild steel flats	1 MT		
106			Mild Steel, Structural Steel, I.e., Angles, Channels and I sections.	1 MT		
107			High Yield Strength Deformed Bars/TMT bars	1 MT		
108			Mild steel plates	1 MT		

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
		NOTE: (1) The rates are exclusive of VAT, Excise duty and GST 2) The prices of steel will be reviewed and fixed on monthly basis and rates will be communicated separately.				
			III RATES OF WORKS			
			(A) CLEARING SITE			
109	MAT-00479	1.a	Clearing heavy Jungle	1 Sqm	3.20	
110	MAT-00480	b	Clearing light Jungle	1 Sqm	2.80	
111	MAT-00481	c	Clearing Scrub Jungle	1 Sqm	2.80	
112	MAT-00482	d	Clearing Juliflora (Prosafis) jungle including up-rooting and removing of Juliflora stumps.	1 Sqm	4.40	
113	MAT-00483	2.a.1	Cutting and removing Palmyrah trees including stacking of girth 30 to 100 cm.	Each	21.0	
114	MAT-00484	a.2	- do - 100 to 200 cm.	Each	48.00	
115	MAT-00485	2.b.1	Uprooting and removing Palmyrah stumps including stacking of girth 30 to 100 cm.	Each	51.00	
116	MAT-00486	b.2	- do - 100 to 200 cm.	Each	53.00	
117	MAT-00487	2.c.1	Cutting and removing date trees including stacking of girth 30 to 100 cm	Each	26.00	
118	MAT-00488	c.2	- do - 100 to 200 cm	Each	39.00	
119	MAT-00489	2.d.1	Uprooting and removing stumps of date trees including stacking of girth 30 to 100 cm.	Each	26.00	
120	MAT-00490	d.2	- do - 100 to 200 cm	Each	33.00	
121	MAT-00491	2.e 1	Cutting and removing other kind of trees including stacking of girth 30 to 100 cm	Each	33.00	
122	MAT-00492	e.2	- do - 100 to 200 cm	Each	51.00	
123	MAT-00493	e.3	- do - above 200 cm	Each	83.00	
124	MAT-00494	2.f.1	Uprooting and removing stumps of other kind of trees including stacking of girth 30 to 100 cm.	Each	26.00	
125	MAT-00495	f.2	- do - 100 to 200 cm	Each	36.00	
126	MAT-00496	f.3	- do - above 200 cm	Each	45.00	
127	MAT-00497	3.a	Uprooting and clearing prickly pear jungle	1 Sqm	2.50	
128	MAT-00498	b	- do - under 2.5 meters height including burning and burrying as directed.	1 Sqm	3.30	
129	MAT-00499	c	- do - over 2.5 meters height including burning and burrying with an initital lead of conveyance	1 Sqm	3.90	
130	MAT-00500	4.a	Removing of natchu, goobi, thooti etc., from drains, channels including clearance if not more than 1 metre depth of water with an initial lead of 10 metresand lift of 2 metres.	1 Sqm	2.10	
131	MAT-00501	b.i	Clearing alchi, tilla	1 Sq.m	4.20	
132	MAT-00502	b.ii	Removal of Jammu	1 Sq.m	3.60	
133	MAT-00503	c.i	Removal of imponea, cornea	1 Sq.m	4.00	
134	MAT-00504	c.ii	Removal of water hyacinth upto 30 cm thick.	1 Sqm	4.10	
135	MAT-00505	c.iii	- do - more than 30 cm thick	1 Sq.m	5.50	

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
136	MAT-00506	d	Removal of natchu, goobi, thooti etc., for every extra lead or lift over the initial lead or lift.	1 Sqm	1.50	
			(B) DISMANTLING			
		5	**DISMANTLING, CLEARING AWAY MATERIALS USEFUL FOR REUSE.**			
137	MAT-00507	a.i	Dry rough stone revetment for aprons and stacking within 40 metres	1 cum	65.60	
		7	**Drilling holes in hard granite or sheet rock**			
		a)	**Manually (Hand)**			
138	MAT-00508	i)	20 mm dia meter	1 RM	136.00	
139	MAT-00509	ii)	25 mm dia meter	1 RM	144.00	
140	MAT-00510	iii)	36 mm dia meter	1 RM	166.00	
141		b)	**Pneumatic Compressor**			
142	MAT-00511	i)	20 mm dia meter	1 RM	154.00	
143	MAT-00512	ii)	25 mm dia meter	1 RM	167.00	
144	MAT-00513	iii)	36 mm dia meter	1 RM	182.00	
		8	**Grouting the holes with neat cement slurry excluding cost of steel**			
145	MAT-00514	i)	20 mm dia meter	1 RM	97.00	
146	MAT-00515	ii)	25 mm dia meter	1 RM	122.00	
147	MAT-00516	iii)	36 mm dia meter	1 RM	152.00	
			White Washing and Painting works			
148	MAT-00517	A	White washing and colour banding for guard and guide stones including cost of materials	each	**12.00**	
149	MAT-00518	B 1	Screening sand and gravel	1 cum	10.50	
150	MAT-00519	B 2	Screening chips and metal	1 cum	17.60	
151	MAT-00520	C	Removing and refixing Hectometre or Demarcation stones	each	12.65	
			(S) ROAD WORK ITEMS			
			PICKING OLD METALLED SURFACE TO DEPTH OF 40 TO 100 mm SPREADING OLD METAL AND NEW METAL SECTIONING INCLUDING EDGEBUNDS AND SUBGRADE ROLLING, SPREADING METAL INCLUDING BLINDAGE OFGRAVEL WATERING WITH AN INITIAL LEAD OF 2 HECTOMETERS AND HAND ROLLER (1.5 TO 2 TONNES) ROLLING ETC., INCLUDING BARRICADING, DIVERSION OF			

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
			TRAFFIC AND WETTING THE NEW CONSOLIDATION FOR A FORTNIGHT COMPLETE			
			(For a compact thickness)			
		1 (i)	**HARD METAL**			
152	MAT-00521	A	40 mm thickness	10 sqm	70.00	
153	MAT-00522	B	50 mm thickness	10 sqm	74.00	
154	MAT-00523	C	75 mm thickness	10 sqm	80.30	
155	MAT-00524	D	100 mm thickness	10 sqm	87.00	
156		1 (ii)	**(For compact thickness of soft metal)**			
157	MAT-00525	A	50 mm thickness	10 sqm	53.80	
158	MAT-00526	B	75 mm thickness	10 sqm	63.90	
159	MAT-00527	C	100 mm thickness	10 sqm	70.10	
		5	**Picking old metalled surface to a depth of 40 to 100 mm and spreading metal including watering with an initial lead of 2 Hectometers and rolling with power rollers watering and spreading gravel for blindage and power roller rolling including hire charges of power roller(8 to 10 T) barricading and diversion of traffic and wetting the new consolidation for a fortnight(for compacted thickness of)**			
			HARD METAL			
160	MAT-00528	5 (a)	40 mm thick ness	10 sqm	185.00	
161	MAT-00529	(b)	50 mm thick ness	10 sqm	210.00	
162	MAT-00530	(c)	75 mm thick ness	10 sqm	231.00	
163	MAT-00531	(d)	100 mm thick ness	10 sqm	248.80	
164	MAT-00532	(e)	150 mm thick excluding hire charges	10 sqm	445.40	
165	MAT-00264		Gelatin(For MORTH data, for works of state & national high ways only)	Per Kg	**70.00**	As per WR Dept. (M 104 of Materials other than covered under Irrigation Items)
166	MAT-00021		Electric Detonators(For MORTH data, for works of state & national high ways only)	each	**12.00**	As per WR Dept. (Si. No. 21 of Materials of WR Dept.)

Si. No	CFMS Code	S.S. Item No.	Description	Unit (per)	S O R Rate for 2026-27in Rs.	Remarks
1	2	3	4	5	6	7
167	MAT-00273		Hot applied thermoplastic compound(For MORTH data, for works of State & National high ways only)	Per litre	Rate as per local competitive quotations	As per WR Dept. (M 118 of Materials other than covered under Irrigation Items)
168			Reflectionising glass beads of 2 mm thick(For MORTH data, for works of State & National high ways only)	Per Kg		**deleted**
169	MAT-00533		Road marking paint confirming to IS 164(For MORTH data, for works of State & National high ways only)	Per Kg	152.15	
170		n	Labour charges for laying filters with coarse aggregate.	1 cum	55.30	
171		o	Labour charges for laying filter with sand.	1 cum	30.70	
172			Fly Ash	1 cum		**deleted**
173	MAT-00003		Binding Wire	1 Kg	**70.00**	As per WR Dept. (M 072 of Materials other than covered under Irrigation Items)
174	MAT-00536		Jute rope	Mtr	8.35	
175	MAT-00537		De bonding strips	Mtr	8.55	
176	MAT-00538		Selent	Ltr	53.95	
177	MAT-00539		Poly sheet 125 microns	1 sqm	15.25	
178	MAT-00540		Rural water rate	1 kl	**106.00**	As per WR Dept. (M 189-b of Materials other than covered under Irrigation Items)
179	MAT-00252		Selected Earth for Embankment & shoulders for Road & Bridge works as per MoRTH Spec. No. 305 (5th Revision) obtained from Private Land	1 Cum	**160.00**	As per WR Dept. (M - 092 of Materials other than covered under WR work Items)

HIRE CHARGES OF PLANT AND MACHINERY

HIRE CHARGES OF PLANT& MACHNIERY FOR
ROAD & BRIDGE WORKS FOR THE YEAR 2025-26

Sl. No.	CFMS Code	Description		Unit	S O R Rate for 2026-27 in Rs.	Remarks
		Machine	Activity			
1	2	3	4	5	6	7
1	HIR-00008	Dozer(D 80)	Spreading	Per Hour	As per WR Dept. (S.No.8)	As per WR Dept. (S.No.8)
			Cutting			
			Cleaning			
2	HIR-00072	Dozer (D50)	Spreading Cutting Cleaning	Per hour	**2042.00**	
3	HIR-00073	Mortor Grader	Clearing	Per Hour	**4066.00**	
			Spreading			
			GSB			
			WMM			
4	HIR-00052	Hydraulic Excavator	Soil Ordinary	Per Hour	As per WR Dept. (S.No.52	As per WR Dept. (S.No.52)
			Soil Marshy			
			Soil unsuitable			
5	HIR-00074	Front end loader	Soil loading	Per Hour	**2166.00**	
			Aggregate loading	Per Hour		
6	HIR-00054	Tipper- 5.5 Cum	Transportation of soil, GSB,WMM, Hot mix etc	Per Hour	As per WR Dept. (S.No.54)	As per WR Dept. (S.No.54)
				Per T-Km	**8.90**	
7	HIR--00062	Vibratory roller 8 tonne	Earth/Soil, GSB,	Per Hour	As per WR Dept. (S.No.62)	As per WR Dept. (S.No.62)
			WMM			
8	HIR-00050	Smooth wheeled roller 8 tonne	Soil compaction ,BM compaction	Per Hour	As per WR dept. (S.No.50)	As per WR dept. (S.No.50)
9	HIR-00064	Water tanker 8 Kilolitre	Water transport	Per Hour	As per WR Dept. (S.No.64)	As per WR Dept. (S.No.64)
10	HIR-00076	Water tanker 6 Kilolitre	Water transport	Per Hour	**872.00**	
11	HIR-00077	Tractor	Pulling	Per Hour	**568.00**	
12	HIR-00078	Tractor with rotavator	GSB mixing @ site	Per Hour	**581.00**	
13	HIR-00079	Tractor with ripper attachment	Scarifying	Per Hour	**581.00**	
14	HIR-00002	Air Compressor 5 cmm(electric)	General purpose	Per Hour	As per WR Dept. (S.No.2)	As per WR Dept. (S.No.2)
15	HIR-00080	Wet mix plant 60 TPH	Wet mix	Per Hour	**2125.00**	
16	HIR-00081	Mechanical broom Hydraulic	Surface cleaning	Per Hour	**487.00**	
17	HIR-00082	Bitumen Pressure Distributor	Applying bitumen tack coat	Per Hour	**2022.00**	
18	HIR-00083	Emulsion Pressure Distributor	Applying emulsion tack coat	Per Hour	**1149.00**	
19	HIR-00084	Hot mix Plant – 120 TPH capacity	DBM/BM/SDC	Per Hour	**38430.00**	
			/Premix			

Sl. No.	CFMS Code	Description		Unit	S O R Rate for 2026-27 in Rs.	Remarks
		Machine	Activity			
1	2	3	4	5	6	7
20	HIR-00085	Hot mix Plant – 100 TPH capacity	DBM/BM/SDC /Premix	Per Hour	**32970.00**	
21	HIR-00086	Hot mix Plant – 60 TPH capacity	DBM/BM/SDC /Premix	Per Hour	**29505.00**	
22	HIR-00087	Hot mix Plant – 40 to 60 TPH capacity	DBM/BM/SDC /Premix	Per Hour	**26093.00**	
23	HIR-00088	Paver Finisher Hydrostatic with sensor control 100 TPH	DBM/BM/SDC /Premix	Per Hour	**4106.00**	
24	HIR-00089	Paver finisher Mechanical 100	Paving of WMM, paving of DLC	Per Hour	**3035.00**	
25	HIR-00090	Hydraulic Chip Spreader	Surface dressing	Per Hour	**3462.00**	
26	HIR-00091	Tandem Road roller	Rolling of Asphaltic surface	Per Hour	**2342.00**	
27	HIR-00092	Pneumatic Road roller	Rolling of Asphaltic surface	Per Hour	**1912.00**	
28	HIR-00093	Pot-Hole repair machine	Repair of pot-holes	Per Hour	**1151.00**	
29	HIR-00094	Bitumen boiler oil fired	Bitumen Spraying	Per Hour	**279.00**	
30	HIR-00095	GSB Plant 50 Cum	Producing GSB	Per Hour	**1558.00**	
31	HIR-00096	Mastic Cooker	Mastic wearing coat	Per Hour	**97.00**	
32	HIR-00097	Batching and Mixing Plant (a) 30 Cum capacity	Concrete mixing	Per Hour	**1654.00**	
	HIR-00010	(b) 15 - 20 Cum capacity	Concrete mixing	Per Hour	As per WR Dept. (S.No.10)	As per WR Dept. (S.No.10)
33	HIR-00001	Transit mixer	Transportation of concrete mix	Per Hour	As per WR Dept. (S.No.1)	As per WR Dept. (S.No.1)
34	HIR-00071	Concrete pump of 45 and 30 cum	Pumping of Concrete	Per Hour	As per WR Dept. (S.No.70)	As per WR Dept. (S.No.70)
35	HIR-00098	Cranes				
		(a) 80 tonnes	Lifting purpose	Per Hour	**1664.00**	
	HIR-00099	(b) 35 tonnes			**1116.00**	
	HIR-00100	(c) 3 tonnes			**542.00**	
	HIR-00101	(d)Crane with grab bucket 0.75 cum	Well foundation	Per Hour	**2913.00**	
	HIR-00102	(e)Crane with grab bucket 1 cum	Well foundation	Per Hour	**4763.00**	
36	HIR-00014	Concrete bucket 1.50 cum	For pouring concrete	Per Hour	As per WR Dept. (S.No.14)	As per WR Dept. (S.No.14)
37	HIR-00103	Kerb casting machine	Kerb making	Per Hour	**654.00**	
38	HIR-00018	Concrete mixer	Concrete mixing	Per Hour	As per WR Dept. (S.No.18)	As per WR Dept. (S.No.18)
		(a)0.28 cum				
	HIR-00104	(b) 1.0 cum	Concrete mixing	Per Hour	**911.00**	

Sl. No.	CFMS Code	Description		Unit	S O R Rate for 2026-27 in Rs.	Remarks
		Machine	Activity			
1	2	3	4	5	6	7
39	HIR-00105	Piling rig with bantonite pump	0.75 m dia to 1.20 m dia boring attachment	Per Hour	**7598.00**	
40	HIR-00106	Concrete paver finisher with 40 HP motor	Paving of concrete surface	Per Hour	**4097.00**	
41	HIR-00107	Integrated stone crusher	Crushing of spalls 100 TPH	Per Hour	**12305.00**	
	HIR-00108		Crushing of spalls 200 TPH	Per Hour	**25946.00**	
42	HIR-00109	Pre stressing jack with pump and access	Stressing of steel wires/ stands	Per Hour	**201.00**	
43		Generator				
	HIR-00110	250 KVA	Generation of electric energy	per hour	**2728.00**	
	HIR-00111	125 KVA		per hour	**1947.00**	
	HIR-00112	100 KVA		per hour	**1662.00**	
	HIR-00023	30 KVA		per hour	As per WR Dept. (S.No.23)	As per WR Dept. (S.No.23)
44	HIR-00113	Pneumatic sinking of Plants	Pneumatic sinking of wells	Per K.m.	**7191.00**	
45	HIR-00058	Truck 5.5 cum per 10 tonnes	Material transport	Per her	As per WR Dept. (S.No.58)	As per WR Dept. (S.No.58)
46	HIR-00114	Road marking Machine	Road marking	Per Hour	**171.00**	
47	HIR-00114	Mobile slurry seal equipment	Mixing and laying slurry seal	Per Hour	**1591.00**	
48	HIR-00115	Plate compacter	For compacting in medians	Per Hour	**75.00**	
49	HIR-00022	Drilling equipment	For drilling	Per Hour	As per WR Dept. (S.No.22)	As per WR Dept. (S.No.22)
	***Note**: The above hire charges of Machinery & Plant includes crew, oils, conveyance of Machinery to site and all other incidental charges*					

-Sd/-
Engineer-in-Chief (R&B)
Administration & NH

SoR – 2026-27

Part – IV
PUBLIC HEALTH ITEMS

PUBLIC HEALTH ITEMS			
Sl. No.	**Description**	**Unit**	**SoR for 2026-27**
1	2	3	4
1	RATES OF LABOUR (SKILLED WORKMEN)		
	1. Caulker	Per Day	As per Labor rates of SoR
	2. Plumber 1st Class	Per Day	
	3. Plumber 2nd Class	Per Day	
	4. Sewer Cleaner	Per Day	
	5. Well Sinker	Per Day	
	6. Pipe line Fitter 1st Class	Per Day	
	7. Pipe line Fitter 2nd Class	Per Day	
	8. Pump Operator	Per Day	
	9. Bore Mechanic	Per Day	
	10. Light Vehicle Driver	Per Day	
	Note: The rate at relevant item in common SoR is applicable for occasional employment.		
2	RATES FOR EARTH WORK :		
a.	Earth work excavation in all types soils for pipe lines, for drainage and water supply, where the depth is more than 1.5 times the width.		To follow the relevant items of Irrigation work items as per AP. Standard data
b.	Earth work excavation in all types soils for pipe lines, for drainage and water supply, where the depth is less than 1.5 times the width.		
c.	Earth work excavation in all types soils for open trenches, for valve pits, inspection chambers, etc.		
3. a.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is more than 1.5 times the width, in places where there is no habitation.		
b.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is less than 1.5 times the width, in		

	places where there is no habitation.		
c.	Cutting rock for pipe line trenches by hammers, knuckles and chisels including stacking where the depth is 1.5 times or more than the width.		
d.	Cutting rock for pipe line trenches by hammers, knuckles and chisels including stacking where the depth is less than 1.5 times the width.		
e.	Cutting rock for works other than pipe lines trenches by hammers, knuckles and chisels including stacking.		
f.	For controlled blasting at restricted places		
	NOTE: - Rock should be measured in solids. In case it is not possible, stacks should be made in which case 40% for voids to be deducted from the stack measurements.		
4	Loading or unloading materials such as C.I. Pipes, PVC Pipes, AC Pressure Pipes, DI Pipes, SW Pipes, PVC Pipes, A.C/Specials less than 300 mm dia. Up to 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	Stoneware pipes & Specials	Per Tonne	
d.	P.V.C. Pipes and fittings	Per Tonne	
5	Loading or unloading materials such as C.I. Pipes, DI pipes, SW pipes, AC pressure pipes & fittings/ specials from 300 mm to 600 mm dia. Up to 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	Stoneware pipes & Specials	Per Tonne	
6	Loading or unloading materials such as C.I. Pipes, DI pipes, PVC pipes, AC pipes less than 300 mm dia., above 4 m in length including stacking.		

a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	P.V.C. Pipes and fittings	Per Tonne	
7	Loading or unloading materials such as C.I. Pipes, DI pipes, AC pipes from 300 mm to 600 mm above 4 m in length including stacking.		To follow as per AP. Standard data
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	
b.	A.C. Pipes & Specials	Per Tonne	
	Note:- For loading and unloading the above materials at Railway Stations, the rates may be adopted based on the competitive quotations or the hummable charges if prevailing.		
8. a.	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with s/s ends carefully into trenches and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply (Ref to specifications. BIS No.3114/1994)		To follow as per AP. Standard data
	Diameter of Pipe/Fittings in mm :		
	80mm to 1000mm dia.	Per Meter	

PUBLIC HEALTH ITEMS				
Sl. No.	**Description**	**Unit**	**Code**	**SoR rates for 2026-27**
1	**2**	**3**	**4**	**5**
8.b	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with flanged ends carefully into trench and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply. (Reference to specifications. BIS No.3114/1994)			
	DIAMETER OF PIPE/Fittings in mm :			To follow as per AP. Standard data
	80mm to 750mm dia.			
	800	Per Meter	LAB-00587	**914**
	900	Per Meter	LAB-00588	**1186**
	1000	Per Meter	LAB-00589	**1543**
	1100	Per Meter	LAB-00590	**1899**
	1200	Per Meter	LAB-00591	**2258**
9.a	Jointing CI /DI pipes & fittings with s/s ends including cost of pig lead, Spun yarn and sundries such as cost of fuel for melting lead, filling with water with lead up to 500m and testing to required pressure complete. (Reference to specifications. BIS No.3114/94/12288:1997)			
	DIAMETER OF PIPE/Fittings in mm :			To follow as per AP. Standard data
	80mm to 800mm			
	900	Each Joint	LAB-00592	**21777**
	1000	Each Joint	LAB-00593	**24330**
	1100	Each Joint	LAB-00594	**26878**
	1200	Each Joint	LAB-00595	**29429**
9.b	Jointing C.I., D.I. pipes and fittings with rubber gasket (push-on-joint), excluding the cost of the gasket but including all sundries filling with water, with a water lead up to 500m and testing to required pressure, etc. complete (Reference to specifications IS 3114/1994/12888/1997)			
	Diameter of Pipe/Fittings in mm :		To follow as per AP. Standard data	
	80mm to 1000mm dia.	Each Joint		

10	Jointing CI/DI pipes, fittings and valves with flanged ends including cost of jointing materials such as bolts, rubber insertion, white lead including filling with water, with lead up to 500 meters and testing to required pressure complete. (Reference to specifications. BIS No.3114/1994.)			
	DIAMETER OF PIPE/Fittings/ valve in mm :			
	80mm to 750mm dia.	Each Joint	To follow as per AP. Standard data	
	800	Each Joint	LAB-00596	**9245**
	900	Each Joint	LAB-00597	**10872**
	1000	Each Joint	LAB-00598	**12521**
	1100	Each Joint	LAB-00599	**14208**
	1200	Each Joint	LAB-00600	**15959**
11a	Lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:1.5), hemp yarn etc., and testing including filling with water with a water lead up to 500 Meters excluding cost of rubber rings as per BIS No.783/85.			
	per every 25 mm dia.	Per Meter	LAB-00601	**35**
11b	Lowering the RCC S/S pipes carefully into the readymade trenches laying them true to alignment and gradient, jointing with rubber rings and testing including filling with water with a water lead up to 500 meters including cost of rubber rings as per BIS No. 783/1985			
	per every 25 mm dia.	Per Meter		
	80mm to 600mm		To follow as per AP. Standard data	
	700		LAB-00602	**543**
	800		LAB-00603	**653**
	900		LAB-00604	**782**
	1000		LAB-00605	**938**

12	Lowering and Jointing G.I. pipes and specials / fittings including excavation of trench of 0.5m width and 0.50 m depth in all soils except rock requiring blasting and refilling trenches after laying and jointing pipes and also including cost of jointing materials but excluding the cost of pipes. Reference to specifications. BIS No.783/85			
a	G.I. Pipes :Dia. in mm		To follow as per AP. Standard data	
	15mm to 150mm	Per Meter		
12-b	Laying, jointing of PVC/HDPE pipes as per BIS No.7634 part-III/75 for PVC and BIS No.7634 part-II/75 for HDPE pipes including trench excavation and refilling.			
	DIA in mm			
	50	Per Meter	LAB-00606	**54**
	40	Per Meter	LAB-00607	**54**
	32	Per Meter	LAB-00608	**54**
	25	Per Meter	LAB-00609	**49**
	20	Per Meter	LAB-00610	**46**
	NOTE: - (i) The above rates are applicable for the works in District only.			
	(ii) If the depth of excavation is more than 0.5 m separate rates to be worked out.			
13	Lowering and laying in readymade trench true to alignment and gradient, jointing, and testing of Stone ware pipes including cost of jointing material such as cement mortar (1:1) proportion and hemp yarn but excluding cost and conveyance of pipe. (Reference to specifications BIS No. 6530/72)			
	Dia. of Pipes in mm		**To follow as per AP. Standard data**	
	100mm to 450mm	Per Meter		
14	Lowering, Laying, Jointing and Testing to hydraulic test pressure including cost of water with minimum water lead of 500m for UPVC pressure pipes in readymade trenches to alignment and gradient including all sundries but excluding			

	cost & conveyance of pipes from source of supply and jointing material as per BIS No: 7634 part-III-1975.			
	Dia. Of pipe	Per Meter	**To follow as per AP. Standard data**	
	63 to 315mm			
15	Laying and jointing of HDPE pipes by butt fusion welding as per IS: 7634 – part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure.			
	Outer Dia. of pipes in MM			
	63 to 355 mm dia.		**To follow as per AP. Standard data**	
	400		LAB-00611	**380**
	450		LAB-00612	**421**
16	Lowering, keeping in position and fixing D.I. sluice valves (with cap / with hand wheel & Reflex valves) excluding cost of bolts, nuts, rubber insertion, sluice valve and tail pieces			
	Dia. of Valve in mm.		**To follow as per AP. Standard data**	
	80mm to 600mm	Each		
17	Labor charges for fixing Air valves including boring the mains and threading the bore fixing nipple etc., complete.			
	Dia. of Air valve in mm.			
	25	Each	To follow as per A.P. Standard data	
	40	Each		
	50	Each	LAB-00613	**283**
	65	Each	LAB-00614	**299**
	80	Each	LAB-00615	**325**
	100	Each	LAB-00616	**384**
	125	Each	LAB-00617	**600**
	150	Each	LAB-00618	**657**
18	Labor charges for fixing Kinetic Air Valves with isolating Sluice valves, Double Air valves/ Air Cushion valve excluding cost of jointing materials such as bolts, nuts and rubber insertions etc., complete.			

	Dia. of Air valve in mm.			
	25	Each	LAB-00619	**272**
	40	Each	LAB-00620	**306**
	50(Double Air valves)	Each	LAB-00621	**326**
	65	Each	LAB-00622	**349**
	80	Each	LAB-00623	**382**
	100	Each	LAB-00624	**445**
	125	Each	LAB-00625	**696**
	150	Each	LAB-00626	**761**
19	Uprooting C.I. / DI Pipes by melting the lead, loosening the joints, scraping the pipes, hoisting and keeping within a lead of 10 m but excluding earth work excavation and refilling.			
	80mm to 600mm	Per Meter	**To follow as per AP. Standard data**	
20	Uprooting of RCC pipes including breaking the collars, loosening the joint, separating the pipes, hoisting and keeping within a lead of 10 m but excluding earthwork excavation and refilling.			
	100mm to 300mm	Per Meter	**To follow as per AP. Standard data**	
21	Removing old G.I. pipes and specials / fittings and cleaning, scraping the pipes, hoisting and keeping within 50m lead but excluding earth work excavation of trenches and refilling.			
	Dia. of Pipes in mm			
	15mm to 50mm	Per Meter	**To follow as per AP. Standard data**	
22	Cutting C.I./ DI Pipes without water in mains Dia. of pipes in mm.			
	Dia. of Pipes in mm			
	80mm to 600mm	Each cut	To follow as per AP. Standard data	
	680	Each cut	LAB-00627	**847**
	700	Each cut	LAB-00628	**869**
	750	Each cut	LAB-00629	**939**
	800	Each cut	LAB-00630	**998**
	900	Each cut	LAB-00631	**1120**
	1000	Each cut	LAB-00632	**1245**
	1100	Each cut	LAB-00633	**1372**

	1200	Each cut	LAB-00634	**1497**
23	Cutting A.C. Pipes without water in mains Dia. of pipes in mm.			
	Dia. of Pipes in mm			
	80	Each cut	LAB-00635	**55**
	100	Each cut	LAB-00636	**55**
	125	Each cut	LAB-00637	**55**
	150	Each cut	LAB-00638	**55**
	200	Each cut	LAB-00639	**57**
	250	Each cut	LAB-00640	**94**
	300	Each cut	LAB-00641	**94**
	350	Each cut	LAB-00642	**116**
	400	Each cut	LAB-00643	**128**
	450	Each cut	LAB-00644	**158**
	500	Each cut	LAB-00645	**176**
	600	Each cut	LAB-00646	**195**
24	Drilling and tapping CI/ DI / GI Main and fixing brass screw down ferrule and plug.			
	10 mm to 20mm	Each Tapping	**To follow as per AP. Standard data**	
	25 mm to 40mm	Each Tapping		
25	Cutting road surface including stacking of excavated materials for pipe line trench work.			
	a) Cutting open B.T. road surface (as well as asphalt concrete up to 75 mm thick) including water bound macadam	10 Sqm	LAB-00647	**1124**
	b) Cutting open C.C Road surface with concrete saw cutter and removal with Breaker	1 Cum	LAB-00648	**3642**
	c) Cutting open water bound macadam road including soiling	1 Cum	LAB-00649	**353**
26	**Bailing out water (For PH item)**			
	a) Bailing out water from the pipe line trenches with oil engine driven pump sets, including hire charges, fuel charges and wages for Driver and Helper up to 5HP capacity pumps.	HP/Hour	LAB-00650	**To adopt the rate arrived for 5HP capacity pump based on the WR department data.**

	b) Bailing out water from the pipe line trenches with Electric Driven pump set including hire charges, current charges and wages for Driver and Helper up to 5HP capacity pumps.	HP/Hour	LAB-00651	**To adopt the rate arrived for 5HP capacity pump based on the WR department data.**
	c) For capacity of Pumps more than 5HP			
	A. Water lifting charges using Electrical driven pump			
	i. per HP hr rate (including contractors profit and overhead charges of 13.615%	**Per HP hr**	LAB-00652	**13.66**
	ii. Other expenses in terms of Mazdoor, pump operator and pipe laying and dismantling (including contractors profit and overhead charges of 13.615%) per hr	**Per hr**	LAB-00653	**229.49**
	Total hire charges of Electrically driven dewatering pump per hour	**Per hr**	**(13.66 x hp capacity) +229.49**	
	B. Water lifting charges using Diesel driven pump			
	i. per hphr rate (including contractors profit and overhead charges of 13.615%	**Per hphr**	LAB-00655	**35.11**
	ii. Other expenses in terms of Mazdoor, pump operator and pipe laying and dismantling (including contractors profit and overhead charges of 13.615%) per hr	**Per hr**	LAB-00656	**273.73**
	Total hire charges of Diesel driven dewatering pump per hour	**Per hr**	**(35.11 xhp capacity)+273.73**	
	NOTE:- The rate is payable on the total H.P. hours ignoring fractions less than 0.5 HP hour and rounding off 0.5 HP hour or more to the next higher integer.			
27	Shoring and strutting of trenches for water and sewer main			
	a) Single Staging from (0 to 2.5 Mts.)	1 Sqm of Shoring area	**To follow as per AP. Standard data**	
	b) Double staging from (2.5 m to 4.5 Mts.)	1 Sqm of Shoring area		
28	Barricading, hoarding, lighting and watching etc., for water supply and sewerage works for trenches.	1 RMT	To follow as per AP. Standard data	

29	Excavation of trenches for infiltration galleries, siphon lines and connecting mains in all soils under water including all leads, lifts, shoring, strutting, bailing out water and removal of shoring and strutting materials, after completion of pipe line work.			
	a) 0 to 1 m deep under water.	10 Cum	LAB-00658	**18067**
	b) 1 to 2 m deep under water.	10 Cum	LAB-00659	**25881**
	c) 2 to 5 m deep under water.	10 Cum	LAB-00660	**38845**
	d) Beyond 5 m deep under water for every additional 1 m depth over item 'c'	10 Cum	LAB-00661	**7421**
	NOTE:- The above rates do not include rock requiring blasting or chiseling			
30	Laying and jointing perforated RCC pipes inclusive of bailing out water and jointing with cement fillets and all other incidental charges for infiltration gallery inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding cost of perforated pipes and collars.	Per Meter	LAB-00662	**54**
	Per every 25 mm dia.			
31	Centering and scaffolding charges for RCC members including all materials and labor charges for forming and dismantling.			
a)	for RCC Elevated Service Reservoir of staging up to 15 Meter below L W L.	One Sqm of Centering area		
	1) Slabs for thickness (150 mm to 300 mm)		LAB-00663	**5232.88**
	2) Slabs for thickness above 300 mm		LAB-00664	**Extra for every 50mm thickness increase Rs.523.88/-**
	3)Side walls curved surfaces. (rate is for both sides centering)		LAB-00665	**3925.49**
	4) Side wall straight surfaces. (rate is for both sides centering)		LAB-00666	**3531.39**
	5) Dome.		LAB-00667	**4287.65**
	6) Roof Slab.		LAB-00668	**2401.04**
	7) Column braces and beams		LAB-00669	**1765.52**

	8) Circular braces, ring beams & circular column.		LAB-00670	**1938.09**
	Note: - For RCC ELSR of staging above 15 m, the % increase in these rates shall be as follows. 15-18 m ---- 9% 18-21m --- 15% 21-24 m --- 21% 24 m -27m --27% above27m --- 30%			
	Note: The Centering charges for item No's.3 & 4 are for both the faces of the respective numbers. The measurement of centering charges shall be in "Sqm" for one face only and the centering charges given are for two faces of centering.			
b)	For Ground level works :-			
	1) Slabs	1 Sqm	**To follow as per AP. Standard data**	
	2) Beams & Lintels	1 Cum		
	3) Sun shades	1 Sqm		
	4-a) RCC vertical walls of plane surface including open drains of 600mm size and above.	1 Sqm of centering area for one surface	LAB-00671	**500/Sqm**
	4-b) VCC vertical walls of plane surface including open drains of 600mm size and above.	1 Sqm of centering area for one surface	LAB-00672	**490/ Sqm**
	5) RCC vertical walls of curved faces	1 Sqm of centering area for one surface	LAB-00673	**635/ Sqm**
32	Lift or de-lift of materials :			
	a) Lifting of cement concrete for RCC elevated reservoir. For every **1m** height or part thereof over the initial lift of **3 m**	1 Cum	LAB-00674	**239**
	b) De-lifting the materials such as stones, concrete etc., for concrete below ground level for construction of masonry ground level reservoirs, construction of ground level reservoirs, inspection wells, test wells and sump wells etc., for every 1 m depth or part there of beyond the initial depth of 3 meters from ground level.	1 Cum	LAB-00675	**72**
39 (a)	Extra allowance for isolated scattered works viz., valve pits / chambers, public fountains, meter pits and manholes, delivery cistern etc., complete.	Each		30% extra over the cost of chamber.

(b)	Repairs to the existing mains, interconnections, replacement of valves/specials etc., including the cutting, jointing, bailing out of water, drying, earth work excavation etc., complete.			100% extra over the cost of work
40	Removal of wet silt and sludge by manual means from sullage drains with aid of baskets and vessels.	10 Cum	LAB-00676	**3672**
41	Well sinking in sandy and other loose soils under water either by manual labor, divers, or dredgers, weighting the top of staining to assist sinking etc., including dewatering and other incidental charges such as hire charges for mechanical equipment etc.,			
	Up to 2 m below GL/m	Per meter	To adopt as per Standard data	
	From 2 to 4 m below GL/m	Per meter		
	From 4 to 6 m below GL/m	Per meter		
	From 6 to 8 m below GL/m	Per meter		
	From 8 to 10 m below GL/m	Per meter		
42	Sinking in Hard strata other than rock but in soils like limestone, gravel, clay under water including, pumping dewatering, hire charges for mechanical equipment etc., complete.		Observed Data	
43	Rates for OHSRs/ELSRs including fixtures with a staging of 15 m, without Seismic analysis.			
a	500 Kilo liters	Per liter	LAB-00677	**25.51**
b	1000 Kilo liters	Per liter	LAB-00678	**21.20**
c	1500 Kilo liters	Per liter	LAB-00679	**19.10**
d	2000 Kilo liters	Per liter	LAB-00680	**16.63**
e	2500 Kilo liters	Per liter	LAB-00681	**15.59**
	1) The above rates are arrived with base rate of Cement Rs.4220/- per MT (as per G.o.Rt.No.2029 Water Resources (Reforms) Dept. Dt:06-10-2022) & Steel Rs.55,000/- per MT(Fe-500) (BoCE rates for the month of April-2026).			
	2) All concrete components shall be designed with M30 Design Mix proportion.			
	3) For intermediate capacities proportional rates shall be adopted.			
	4) The foundations shall be designed for Annular Raft Footings. The above rates are applicable for Elevated Level Services Reservoirs / OHSRs for **SBC of 15 T/Sqm.**			
	a) For every decrease of 2.50 T/Sqm of SBC, the rate shall be increased by **2.50% on basic rate.**			
	b) For every increase of 2.5 T/Sqm of SBC, the rate shall be decreased by **1.0% on basic rate up to 20 T/Sqm**			

	c) For SBC 10T/Sqm to 7.5 T/Sqm, solid raft shall be provided and for solid raft the rate shall be increased by **10% on basic rate.**
	d) For SBC 7.5 T/Sqm to 5 T/Sqm, solid raft shall be provided and for solid raft the rate shall be increased by **15% on basic rate.**
	e) For SBC value of less than 5 T/Sqm, soil improvement shall be adopted, for which additional payment shall be made as per field condition.
	5) For staging less than 15 m, the rate shall be decreased by Rs.0.05 paisa on basic rate per liter per every Meter decrease in staging.
	6) For staging above 15 m, the rate shall be increased by Rs.0.10 paisa on basic rate per liter per every Meter additional staging.
	7) The above rates shall be increased / decreased due to increase/decrease in the cost of cement by Basic rate x {(Rc-4220)/4220} x 0.07 Rc = Rate of Cement (Rs per MT) at the time of preparation of estimate.
	8) The above rates shall be increased / decreased due to increase/decrease in the cost of Steel by Basic rate x {(Rs-55000)/55000} x0.2 Rs = Rate of Steel (Rs per MT) at the time of preparation of estimate.
	9) a) Rate inclusive of three coats of epoxy paint Food Grade of best quality to inner surface of the Reservoir including roof.
	b) The rate inclusive of 2 coats of weather proof emulsion painting for external surfaces, lettering, all required fixtures, Pipes, Pipe specials, valves of DI material, Valve chambers etc., for pipe connections including cost of pipes, specials and valves as per departmental designs and drawings.
	10) For tribal/Agency / Rural area, the above rates as arrived up to shall be increased by 10%.
	11) The above rates adopted for a wind pressure up to "250 kg/Sqm". For every 100 kg/Sqm decrease in wind pressure, the rate shall be decreased by 5%
	12) a) The Basic rate is adopted by considering the design for Seismic forces for Zone- II only of seismic zones.
	(b) The basic rates shall be increased by 15 % for Zone-III of seismic zones.
	13-(a). The ELSR/OHSR shall be designed with minimum of two rows of columns for capacities above 500 KL & up to 1000KL.
	13-(b). The ELSR/OHSR shall be designed with minimum of three rows of columns for capacities above 1000KL.
	14. The shaft type staging with slip form can also be provided with proper approval from competent authority without any additional cost.
	15) **The basic rate is inclusive of following Fixtures**
	i) Pipe connections & Specials with D.I materials
	(a) All pipe connections for Inlet, Out let, Over Flow, Scour pipes shall be provided with D/F DI material. (b) The Valves for above pipe connections also shall be of DI material of PN 16 duty confirming to the specification of SoR item No.28. (c) All specials such as Bends, Tees, Reducers, Duck foot Bends, Bell mouths etc, Shall be of DI material.

	II) The sizes of the verticals for ELSR/OHSR shall be:
	a) For 500 KL to 750 Kl ELSRs Inlet Pipe - 300mm dia. Out let Pipe - 350mm dia. DI valves – 2 No's Over Flow pipe - 350m dia. Scour Pipe - 200mm dia.
	b) For 800 KL to 1500 Kl ELSRs Inlet Pipe - 400mm dia. Out let Pipe - 450mm dia. DI valves – 2 No's Over Flow pipe - 450m dia. Scour Pipe - 200mm dia.
	c) For above 1500 KL to 2500 Kl ELSRs Inlet Pipe - 400mm dia. Out let Pipe - 500mm dia. DI valves – 2 No's Over Flow pipe - 500m dia. Scour Pipe - 200mm dia. **Note: Any deviation from the above sizes as per design, shall be paid or recovered.**
	(iii) Manhole Frames & Covers
	a) All man hole Frames & Covers shall be made of CI/DI materials with min. size of 0.60mX 0.60m - For Roof & Valve Chambers.
	iv) CI/D.I Double Swan neck ventilators (min. of 150mm dia.) shall be provided in top dome and slab with mosquito/fly proof nets - 4Nos.
	v) RCC Finial ventilator with fly/bird protection with GI mesh - 1 No.
	vi) RCC precast ladders of 0.60 m width - 2 Nos.
	vii) RCC dog legged stair case of 1.00 m flight width and 1.20 m landing width R.C.C hand railing of 1.0 m height – 1 No
	viii) The staircase shall be enclosed with brick masonry walls on three sides and collapsible MS gate on front side up to 1st brace level, to prevent unauthorized entry.
	ix) Construction of R.C.C valve chambers as per Standard Drawings with RCC cover slab fixed with CI/DI manhole Frame & Cover with lock and Key arrangement. The Mix shall not be less than VRCC M-20 grade with 150mm thick side walls, 150mm thick top slab, 150mm thick base slab over base course of 100mm thick (1:4:8) prop.
	x) Balcony of 1.00 m width at floor slab level/middle ring beam level by using Stainless Steel pipe of grade 304 hand railing up to 1.20 m height, with top railing of 40mm dia. pipe & middle railing of 25mm dia. and verticals with 40mm dia. at an interval not more than of 1.00m c/c.
	xi) Water Level Indicator of reputed make – Digital type (1 No) and Conventional type (1 No)
	xii) Lightening Arrestor with all its accessories complete including earthing, with relevant IS Codes - 1 No.
	xiii) **Compound wall**: Construction of compound wall including ornamental M.S Gate of size 3.0 X 2.40m is included in the basic rate of ELSRs. Length of compound wall hall is minimum of 150m. Min. height of the compound wall shall be 1.80m above

	plinth and thickness 230mm in brick masonry in CM (1:6). The compound wall shall be constructed including earth work excavation in all types of soils for plinth beam of 230mm X 300mm and 0.75X0.75X1.20m size for column footing portions. The footings shall be of 0.75X0.75X0.25m in VRCC M20 grade and constructed over a C.C (1:4:8) prop bed of 100mm thick. The columns shall be of 230X230 mm in size with VRCC M20 grade at 3.00m c/c spacing, having depth of 1.20m below ground level and height of 2.00m above GL. The plinth beam of size of 230X300 mm shall be constructed in VRCC M20 grade at Ground level, over a bed of CC (1:4:8)-100mmthick. 450X450mm size columns in M20 grade shall be constructed for gate pillars. All the materials shall be followed as per the standards.		
	Tie beam shall be provided above the brick work with 230X200mm size, fixed with MS angular of 25mm X 25mm X 4mm in "Y" shape to height of 0.60m, with embedded length of 150mm in concrete. The barbed wire fencing with 3 ply of 18 gauges shall be stretched in 4 rows (2x2). Plastering shall be done with 16mm thick in two coats i.e., base coat 12mm thick in CM(1:6) prop and 4mm thick 2nd coat CM (1:4) prop on both sides of brick work.		
	Snowcem paint in two coats shall be provided for both sides of wall. The M.S ornamental gate as per the approved drawings shall be provided with minimum of 3.60mts width and 2.40mts height with enamel paint. Yard lighting shall be arranged on four corners of compound wall. If the length of the wall is increased/decreased		
	Note:-For every 1m increase/decrease in length of compound wall the increase/decrease in basic rates of ELSRs of the capacities from 500KL to 2500 KL shall be as follows.: i)500 KL : 0.086% ii)1000 KL : 0.047% iii)1500 KL : 0.034% iv)2000 KL : 0.026% v)2500 KL : 0.022 % For intermediate capacities, interpolated percentages shall be adopted.		
	xiv) **Staff Quarter** shall be constructed for a minimum plinth area of 40 Sqm with the following specification: RCC framed structure with concrete grade not less than M-20 design mix at the locations specified by the department at the time of execution with veranda, hall, bed room, kitchen and bath &W/C with floor area of 40.00sqmts excluding balconies and staircases.		
	MS hollow door frame with cold rolled processed steel sheet 1.25mm thick bright CRCA conforming to IS 4351/76, Flush door shutters with solid bond wood bond board doors shall be provided. N.C.L. Windows center fixed both sides open able shutter window 1.35 X 1.35mts outer frame section 48 x50mm shutter frame section with a size of 48 X20 mm mullion section of size 48 X 50mm fixed beading section of 12 X 12 mm shall be provided. Flooring with polished Kadapa stone shall be provided. Walls shall be provided with snowcem paint in two coats over primary coat. Electrical and water supply arrangement shall be provided as directed by dept officer. Water Storage tank made with plastic/polymer material of reputed make with necessary out let and inlet connection pipes shall be provided. Septic tank for 5 users shall be provided. **Note:** The proportionate value for Staff quarters will be deducted, if not provided for as per site conditions, if sufficient site is not available.		
44	**Rates for OHSRs/ELSRs including fixtures with a staging of 10 m without Seismic analysis.**		**Rs/liter**

a	Up to 10,000 Liters capacity	Per liter	LAB-00682	**82.41**
b	15,000 Liters capacity	Per liter	LAB-00683	**61.56**
c	20,000 Liters capacity	Per liter	LAB-00684	**55.69**
d	40,000 Liters capacity	Per liter	LAB-00685	**47.20**
e	60,000 Liters capacity	Per liter	LAB-00686	**35.77**
f	1,00,000 Liters capacity	Per liter	LAB-00687	**32.39**
g	2,00,000 Liters capacity	Per liter	LAB-00688	**27.02**
h	3,00,000 Liters capacity	Per liter	LAB-00689	**25.42**
i	4,00,000 Liters capacity	Per liter	LAB-00690	**22.38**
j	4,50,000 Liters capacity	Per liter	LAB-00691	**19.36**
	NOTE: -1) All concrete members shall be designed with M30 grade design mix.			
	2) For intermediate ranges proportional rates may be adopted			
	3) The above rates are arrived with base rate of Cement Rs.4220/- per MT (as per G.o.Rt.No.2029 Water Resources (Reforms) Dept. Dt:06-10-2022) & Steel Rs.55,000/- per MT(Fe 500) (BoCE rates for the month of April-2026).			
	4)The above rates are applicable for Elevated Level Services Reservoirs / OHSRs for **SBC of 15 T/Sqm.**			
	a) For every decrease of 2.50 T/Sqm of SBC, the rate shall be increased by **2.50% on basic rate.**			
	b) For every increase of 2.5 T/Sqm of SBC, the rate shall be decreased by **1.0% on basic rate up to 20 T/Sqm**			
	c) For SBC 10T/Sqm to 7.5 T/Sqm, Annular Raft/Raft foundation shall be provided and for Annular Raft/Raft foundation the rate shall be increased by **10% on basic rate.**			
	d) For SBC 7.5 T/Sqm to 5 T/Sqm, Annular Raft/Raft foundation shall be provided and for Annular Raft/Raft foundation the rate shall be increased by **15% on basic rate**			
	e) For SBC value of less than 5 T/Sqm, soil improvement shall be adopted, for which additional payment shall be made as per field condition.			
	5) For every Meter of staging less than 10 m, the rate shall be reduced by Rs.0.05 paisa per liter per every Meter of difference in staging			
	6) For every Meter of staging above 10 m, the rate shall be increase by Rs.0.10 paisa per liter per every Meter of additional in staging			
	7) The above rates shall be increased / decreased due to increase / decrease in the cost of cement by Basic Rate x {(Rc-4220)/4220} x 0.07 Rc = Rate of cement (Rs per Mt) at the time of preparation of estimate.			
	8)The above rates shall be increased / decreased due to increase / decrease in the cost of steel by Basic Rate x {(Rs-55000)/55000 x0.2} Rs = Rate of steel (Rs per Mt) at the time of preparation of estimate.			
	9) a) Rate inclusive of three coats of epoxy paint Food Grade of best quality to inner surface of the Reservoir including roof.			

	10) The above rates shall be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of whether proof emulsion painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections but excluding cost of pipes, bends and valves as per departmental designs and drawings.		
	11) The above rates are applicable for wind pressures up to 250 kg / Sq m. For decrease in wind pressure the rate has to be decreased by 5% per every 100kg/Sqm. If the ELSR / OHSR are to be designed for seismic forces also, cost shall be arrived by working out detailed quantities based on the designs.		
	12) (a)For tribal/Agency / Rural area, the above rates as arrived up to shall be increased by 10%. (b) An additional increase of 7.50% shall be allowed for OHSRs/ELSRs located in agency areas over the above rates for RWS Department works.		
	13) If the ELSR is to be designed for seismic forces also, cost shall be arrived by working out detailed quantities based on the design & difference to be paid extra.		
	14) If the ELSR is to be designed for seismic forces a) The above rates are applied up to Zone-II earth quake. b) For Zone-III earth quake the above rates are to be increased by 15 %.		
	15) Fixtures include:		
	a) RCC or Aluminum ladder inside 0.60 m wide.		
	b) Spiral staircase on the outside shall be provided up to 200KL. Above 200KL capacity dog legged staircase shall be provided with staircase flight width of 1.0mts and landing width of 1.20mts with S.S railing up to 1.0 height.		
	c) Lightening arrestor, including conductor and earthling etc.		
	d) RCC ventilators with copper or stainless-steel fly proof mesh.		
	e) D.I Manholes frame and cover 0.60x0.60 m as per IS specifications (light duty) - 2 Nos.		
	f) Water level indicator of good quality with ebonite/ copper float approved pattern - 1 No.		
	g) The ladder shall be with M.S ladder and Verticals with HDPE of 10kg/Sq cm shall be provided for single column OHSRs only.		
	h) Minimum staging for all ELSR/OHSR shall be 10.0mts.		
	i) The increase in staging shall be at 1.0mt interval.		
	j) The railing provided to the gallery and stair case shall be with stainless steel of grade 304 gauge 16. For horizontal railing at galleries and stair case, i) Top Row with 31.75 mm dia, ii) Bottom Row with 25.4 mm dia, and iii) vertical post with 31.75 mm dia for a height of 1.20mts @ 1.00 mts c/c for galleries and height of 1.0 mts for staircase fixed on alternative steps. 6 mm thick SS plate of size 75 mm X 75 mm welded with "T" hold fast embedded in the concrete for fixing of vertical post. Vertical Posts shall be welded at the Center of each base plate also welding to be done at all junctions of vertical posts, top railing and middle railing.		

	k). The dog legged staircase shall be enclosed with brick/CRS wall on three sides and front side with M.S collapsible gate up to 1st brace level from ground level to prevent unauthorized entry.			
	l). D.I swan neck ventilators shall be provided in top dome and slab.			
	m). The above rates are exclusive of all inlet, out let connection (D.I/C.I) and valves. All valves near inlet, out let and for scour of ELSRs shall be D.I valves of heavy duty confirming to the specification of SoR item No.28			
45	**Construction of Rapid Gravity Filtration Plant including all civil, mechanical and electrical works using sand as filter media, compatible with SCADA arrangements, duly following relevant IS codes in the design of plant components including trial running for 90 days etc., including chlorine contact tank & consumables etc., complete.**			
	1) 2.0 MLD	Per liter	LAB-00692	**6.14**
	2) 5.0 MLD	Per liter	LAB-00693	**5.01**
	3) 10.0 MLD	Per liter	LAB-00694	**4.47**
	4) 20.0 MLD	Per liter	LAB-00695	**3.59**
	5) 30.00 MLD and above	Per liter	LAB-00696	**3.12**
	NOTE :-			
	a) For Intermediate Capacities proportional rates may be adopted			
	b) The above rates are arrived with base rate of Cement Rs.4220/- per MT (as per G.o.Rt.No.2029 Water Resources (Reforms) Dept. Dt:06-10-2022) & Steel Rs 55,000/- per MT(Fe 500) (BoCE rates for the month of April-2026).			
	c) The above rates shall be increased / decreased due to increase / decrease in the cost of cement by Basic Rate x {(Rc-4220)/4220} x 0.07 Rc = Rate of cement (Rs per Mt) at the time of preparation of estimate			
	d) The above rates shall be increased / decreased due to increase / decrease in the cost of steel by Basic Rate x {(Rs-55000)/55000} x0.2 Rs = Rate of Steel (Rs per MT) at the time of preparation of estimate.			
	e) For Rural areas an extra allowance of 10% shall be given on basic rate.			
	f) i) For SBC below 10T/Sqm to 7.5 T/Sqm, solid raft shall be provided and for solid raft the rate shall be increased by **10% on basic rate.** ii) For SBC below 7.5 T/Sqm to 5 T/Sqm, solid raft shall be provided and for solid raft the rate shall be increased by **15% on basic rate.**			
	g) For SBC value of less than 5 T/Sqm, soil improvement shall be adopted, for which additional payment shall be made as per field condition.			

	h) For components immersed in water Stain less Steel of Grade 304L shall be used. for other components 304 Grade steel shall be used.
	i) Lab testing equipment of reputed make and consumables for one year. The testing equipment for conducting all laboratory tests shall be installed & training shall be imparted to the Municipal staff.
	The above rates of Filtration Plants shall include all the following components.
	A) Civil Works (All works of VRCC Shall be in M30 design mix)
	1). Stilling Chamber and Aeration cascade
	2) Pre settling tank shall be provided for 30 MLD and above capacities of WTP for a minimum of 1 hr capacity.
	3). Raw water channel with Stainless Steel Weir of SS 304 L Grade material and also with digital flow meters
	4) Flash Mixer chamber with Flash mixing arrangements including SS shaft & SS Blades with gear wheel arrangements etc, using 304 L Grade Steel.
	5-a) Clariflocculator / Flocculation tanks with the components of central driven circular clarifier with scrapper & bridge arrangements made with Stainless Steel Grade 304 L tubes /angular for durability & chemical resistant with wheel arrangements etc,
	5-b) Two numbers of Clariflocculator shall be provided for WTP's of more than 30 MLD capacity.
	6) Filter house, Chemical house, Alum store, Laboratory room, Chlorination plant room, toilet etc. (All structures shall be provided RCC roof only). Chemical house & Chlorinator rooms are to be isolated and shall be as per CPHEEO manual.
	7) Wash water tank of suitable capacity shall be constructed at minimum clearance of 2.00m, above the roof slab of Filter beds / any other structure, and the minimum residual head at the top of under drain system shall not be less than 8.0 meters.
	8) Chlorine contact tank
	9) All the Doors and Windows shall be of Best Teak wood/Aluminum / UPVC make, except entrance door. The entrance door including shutter in filter house shall be with best teak wood of minimum size of 2.40 X 2.40 mts. a) Main Doors of all individual Buildings shall be made of Best Teak wood b) Other Internal Doors of the buildings shall be of Compressed wood/ Aluminum/ UPVC materials. c) Ventilators shall be provided for each building/structure of suitable size as per NBC standards.
	10) a) All pipes in Plant shall be of D.I., D/F materials. All Connecting pipes of the plant components such as from Flash mixer to Clariflocculator/ Clarifier/Flocculation tank, to Filter beds, sludge disposal pipes shall be of D.I., D/F material. The size of sludge disposal pipe shall be minimum of 450 mm dia. with D.I D/F pipe and minimum length of 100 meters. b) All the Valves in Plant shall be heavy duty and as per the specification of SoR item No.28.
	11) The Pipe gallery way for Clear water/ Back wash water/ pipe connections shall be sufficiently spaced for easy operation & maintenance and inspection, as per standard norms.

	12) The bottom level of the wash water control chamber must be above G.L so as to dispose the wash water and sludge from Clariflocculator by gravity to disposal point.
	Additional specifications
	13) Railing for all the components (Clariflocculator, Filter House, Staircase etc,.) shall be provided with Stainless Steel of grade 304 for a height of 1.00m, with 40mm dia. pipe for top horizotals,25mm dia. for middle row and 40mm dia. verticals spaced at interval of not more than 1.00m c/c.
	14) Inspection / Path ways in filter beds: Middle pathway: Minimum of 1.50m, Side pathway: Minimum of 1.20m
	15) i) Flooring in the buildings (Filter house, Chemical House, Chlorinator Room, Laboratory) shall be provided with Non-skid ceramic tiles of approved make & quality, as per standard specifications. ii) All water Channels such as inlet, outlet channels and chambers shall be provided with tiles.
	16) The basement of the Filtration plant building shall be minimum of 1.20m and pipe gallery shall be minimum 0.3m above the existing nearby Road top level.
	17) Minimum head room of 2.00m shall be provided, at the alum mixing chambers in alum store for inspection & maintenance.
	18) The minimum width of entrance hall for the Filter House shall be 4.50m, and Laboratory of min size of 3.30 X 4.50m.
	18) b) For various components of the WTP should be designed by considering the uplift pressure also.
	19) a) High efficient Air Blowers shall be installed to the design requirement with low noise pollution, environmental pollution as per PCB guide lines & Testing of blowers as per I.S Standards at site. b) The Piping from Blower to Filter Beds shall be GI and submerged pipe in water shall be HDPE.
	20) UPVC pipes shall be provided for under drain system. Filter pipe manifolds shall be assembled with HDPE pipes.
	21) Alum storage capacity shall be designed for minimum period of 90 days. Consumables shall be provided for 2115 Running Hours of WTP.
	22) **Chlorinator** :Vacuum type chlorinator shall be provided with following specifications: a) Vacuum operated solution feeding type Vacuum Regulator, Rotameter, Rate setting Valve, built-in NRV, Gas Overflow out let by man folding to mount the system with the unit. b) The unit shall consist of Ejector with necessary accessories such as Check Valve, Drain Valve and Vacuum relief Valves - for control of chlorinator dosage. c) The Accessories and manifolds shall be chlorine resistant and made of carbon steel seam less pipes, copper tube with brass fittings of suitable size & dimensions, with diaphragm sealed chlorine pressure gauge arrangements
	d) Water Booster Pump of pumping capacity ranging from 2 cum/hr to 12 cum/hr, with Head ranging from 16 to 35 m e) The water & solution carrying pipes shall be made of UPVC material of suitable size incl. all specials such as Tee's , Bends, couplings & NRVs and also Pressure Gauges of

	suitable range. f) Chlorine Gas Leak detector with alarm indicator. The installation includes all necessary accessories, civil and mechanical works, manifold header installations, injector fixing, connection with UPVC pipes, solution piping's, fixing of motors as per standard specifications and commissioning of Chlorination Plant to the required demand, with a defect liability period of 1 year. The chlorinator of may be of any reputed make or any make of Metito/Toshocow-Jesco Siemens Industrial Devices. g) Life breathing apparatus. h) Chlorine escape BA set
	i) 2 to 10 MLD Plants - 1Kg/hr Chlorinator- For Post Chlorination
	ii) 10 MLD to 20 MLD Plants - 2 Kg/hr Chlorinator - For Post Chlorination.
	iii) 20 MLD to 50 MLD Plants - 5 Kg/hr Chlorinator - For Post Chlorination.
	B) Mechanical Equipment
	1) Alum dosing equipment with SS 304 material made stirrers & paddles for chemical resistance. (Alum tanks must be bound with corrosion resistant material (HDPE Lining, Bitumen Coating, tiles etc)
	2) Flash mixer equipment with SS 304 material made stirrers & paddles for chemical resistance.
	3) Filtration plant equipment instrumentation and piping.
	4) Clarifloccualation equipment (with stainless steel blades) with rotating bridge arrangement etc.,
	5) Pneumatic tyre wheel shall be provided for the bridge Clariflocculator.
	6) Wash water tank fittings and pump sets with 100% stand by.
	7) Air blower with motor of 100% stand by and pipe connections made with of SS pipes confirming to SS 304 Grade, in filter bed region.
	8) Chlorination equipment and pipe connections with chlorinator of 100% standby.
	9) Spares & Tools for 2 years.
	10) Gaseous Chlorination with cylinders has to be provided with protection measures.
	C) Electrical Equipment
	1) Necessary power supply wiring to motors and switches bus bar connections as per IE Rules
	2) Internal wiring and illumination and fittings and fixtures for internal and external lighting exhaust fans, ceiling fans etc.
	3) Erecting mechanical and electrical equipment, trial run for 90 days at 23.50 hours per day testing the treated water as per CPHEEO standards and maintenance of records and imparting training to staff.
	4) Supply of 6 - Sets of completion plans and maintenance manual and brochures.
	5) All cables shall be of copper material, Cable ducts shall be covered with MS / Aluminum cheque plate.
	6) Min LUX levels inside the treatment plant shall be maintained.
	7) Yard lighting shall be provided as per norms.
	D) Equipment for Flow measurements

	1) Equipment for measuring Conductivity, Turbidity, Ph value, Residual Chlorine with recording & data storage facility (Computer based) & Alarm by SMS or other methods.
	2) Off - Site Supervisory and Data Acquisition (OSSADA) system for Raw water & Clear water flows by installing Digital Flow meters to measure the flows at Raw water Channel and at each filter bed individually and combined for measuring the quantities of water treated with a facility to record and store the readings & also to send messages to the assigned designators about the variations/ deficiencies in the flow including alerts for back wash requirements of filter beds, and recovery of data for the past 360 days. All the Digital Flow Meters & Pressure Gauges shall be provided of standard approved make. The equipment shall have the following specifications.
	Hardware:
	i) Wall mounted Sensor House for measuring Raw water & Clear water flow from Filter bed out lets with accessories consists of
	ii) Electrode Type: General type, Scraper type or replaceable type Electrode made with material of SS external Ultra Touch Sensors as per requirement.
	iii) Customized Application Requirement : Sensors with Interface logic control board with serial interfaces, including accessories such as Add-on port, external DC Power Socket, On - sensor Board Buffer, Timer, RS485 Communication, Analog to Digital Sensing Sensor Circuit, 32 Sensors Sensing Tags, Interval Power Supply System , LCD 16c/2L, Filter Bed Working Status Indication LED, Filter Bed Wash Indication Button and memory of Data Storage for 30Days , status of Filter Bed Level indicator, Rating, Reading on LCB Display, Menu Driven Data for sending to Onsite Big Display, operated with Battery Power of any reputed make or any equivalent make.
	iv) Customized Application Requirement: Power Sensors Interface logic control board with support 8 Power Sensing tags, Central System Interfacing Communication, On - board analog to Digit Convert Integrate Circuit of any reputed make or any equivalent make.
	v) Customized Application Requirement: Centralized System with two serial interfaces, 3 No's of Add-On ports, One external DC Power Socket, On - Board Buffer, On - Board Timer, On - Board RS485 Communication, On - Board RS 232 Communication, On - Board GPRS/GSM Module, On - Board Voice Chip, On - Board Power Sensing Module, LCD 16c/2L, Filter Bed Wash Precaution Indication with Stop Button, Memory of Data Storage for 30 Days, Total Bed Rating, Reading display on LCD Display, Menu Driven, Menu Navigate Keypad, sending data to the Web Server, Communication with GPRS , operated with Battery Power of any reputed make or any equivalent make.
	Software:
	The software shall be designed with Web Domain with Data Base Server and Web Name as per the directions of the Departmental Authorities.
	The application of Software for Web design & Desktop shall meet the following requirements:
	i)Onsite Display: Letters with size of 1.5' seven Segment LED Display with Interface for each Filter Bed, for Onsite Display, by displaying the Bed Levels, Ratings, Readings in 3 Columns, for each bed of the plant in successive rows and cumulative results at the bottom of the screen.

	ii) Off Site Display: Letters with size of 1.5' seven Segment LED Display with Interface GPRS/GSM Modules Offsite Display, with Display of Bed Total Rating, Total Cumulative Reading as specified on On-site Display Features.
	The system shall have also the features of Onsite Bed Wash Voice Precautions for Bed Levels, Readings, Ratings, Bed Capacity Readings and Ratings and Bed Low Level Triggering, before & after Bed wash.
	The software shall also have the features of sending messages to the mobiles of the Departmental designators indicating Bed Low Levels, Power Supply timings, Bed Wash timings and its status, Power Supply timings and its status Grid View Table, Motor Working time and its status Grid View Table, all trigger events and schedule information and including all Snap View Reports, all Daily, Monthly, Yearly Reports, all Power Working Reports, all Power Events Information etc,.

1. S o R FOR R.C.C. PLAIN ENDED PIPES

S. No.	Description							
1	Manufacture, Supply and Delivery of R.C.C. Plain ended pipes conforming to B.I.S 458/2003, Ex-factory, excluding transportation and all taxes.							
	Size	**Unit**	**SoR for 2026-27**					
			Code	NP- 2 Class	Code	NP - 3 Class	Code	NP - 4 Class
	80 mm dia.	Meter	MAT-05615	147				
	100 mm dia.	Meter	MAT-05616	169				
	150 mm dia.	Meter	MAT-05617	201				
	200 mm dia.	Meter	MAT-05618	237				
	225 mm dia.	Meter	MAT-05619	257				
	250 mm dia.	Meter	MAT-05620	272				
	300 mm dia.	Meter	MAT-05621	393	MAT-05636	917	MAT-05651	941
	350 mm dia.	Meter	MAT-05622	488	MAT-05637	1097	MAT-05652	1120
	400 mm dia.	Meter	MAT-05623	565	MAT-05638	1208	MAT-05653	1238
	450 mm dia.	Meter	MAT-05624	691	MAT-05639	1388	MAT-05654	1405
	500 mm dia.	Meter	MAT-05625	758	MAT-05640	1507	MAT-05655	1745
	600 mm dia.	Meter	MAT-05626	1120	MAT-05641	2281	MAT-05656	2723
	700 mm dia.	Meter	MAT-05627	1432	MAT-05642	2843	MAT-05657	3671
	800 mm dia.	Meter	MAT-05628	1766	MAT-05643	3763	MAT-05658	4796
	900 mm dia.	Meter	MAT-05629	2238	MAT-05644	4738	MAT-05659	5988
	1000 mm dia.	Meter	MAT-05630	2732	MAT-05645	5777	MAT-05660	8208
	1100 mm dia.	Meter	MAT-05631	3213	MAT-05646	6961	MAT-05661	9528
	1200 mm dia.	Meter	MAT-05632	3830	MAT-05647	8210	MAT-05662	11150
	1400 mm dia.	Meter	MAT-05633	5242	MAT-05648	10595	MAT-05663	15437
	1600 mm dia.	Meter	MAT-05634	6056	MAT-05649	13799	MAT-05664	18543
	1800 mm dia.	Meter	MAT-05635	7956	MAT-05650	18352	MAT-05665	24927

Note : All prices are ex-works.
The above rates of RCC Plain ended pipes are based on the following raw materials
Cost Cement. Rs.4220/- per MT (Excluding all taxes and freight).
Steel (M.S. Rods) - Rs.55,000/- per MT. (Excluding all taxes and freight).

The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost =Cost as per the above table +R1+R2

R1= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the Cost of M.S. Rods = (S2-S1)/1000 X Ws.

R2= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the Cost of Cement = (C2-C1)/1000 X Wc.

S1 = Rs. 55,000/- , S2 = Cost of M S Rods (Rs. per MT Excluding all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 4220/- C2 = Cost of Cement (Rs. per MT Excluding all taxes and freight) at the time of preparation of estimate.

Ws=Weight of MS Rods required (Kg.) per Meter of pipe as per IS:458/2003.

Wc= Weight of Cement required (Kg.) per Meter of pipe.

2. S o R FOR R.C.C. COLLARS

S No	Description							
1	Manufacture, Supply and Delivery of R.C.C. Collars conforming to B.I.S. 458/2003 (rate per each collar) suitable for R.C.C. Plain ended pipes including transportation but excluding all taxes.							
	Size	Unit	SoR for 2026-27					
			Code	NP - 2 Class	Code	NP - 3 Class	Code	NP - 4 Class
	80 mm dia.	Each	MAT-05666	46				
	100 mm dia.	Each	MAT-05667	46				
	150 mm dia.	Each	MAT-05668	47				
	200 mm dia.	Each	MAT-05669	65				
	225 mm dia.	Each	MAT-05670	69				
	250 mm dia.	Each	MAT-05671	76				
	300 mm dia.	Each	MAT-05672	99	MAT-05687	141	MAT-05702	141
	350 mm dia.	Each	MAT-05673	123	MAT-05688	177	MAT-05703	177
	400 mm dia.	Each	MAT-05674	135	MAT-05689	202	MAT-05704	202
	450 mm dia.	Each	MAT-05675	212	MAT-05690	269	MAT-05705	269
	500 mm dia.	Each	MAT-05676	241	MAT-05691	321	MAT-05706	321
	600 mm dia.	Each	MAT-05677	328	MAT-05692	420	MAT-05707	420
	700 mm dia.	Each	MAT-05678	427	MAT-05693	567	MAT-05708	567
	800 mm dia.	Each	MAT-05679	606	MAT-05694	721	MAT-05709	721
	900 mm dia.	Each	MAT-05680	723	MAT-05695	839	MAT-05710	839
	1000 mm dia.	Each	MAT-05681	845	MAT-05696	1050	MAT-05711	1050
	1100 mm dia.	Each	MAT-05682	1034	MAT-05697	1333	MAT-05712	1333
	1200 mm dia.	Each	MAT-05683	1258	MAT-05698	1668	MAT-05713	1668
	1400 mm dia.	Each	MAT-05684	1620	MAT-05699	2114	MAT-05714	2114
	1600 mm dia.	Each	MAT-05685	2073	MAT-05700	2709	MAT-05715	2709
	1800 mm dia.	Each	MAT-05686	2127	MAT-05701	3494	MAT-05716	3494

The above rates of RCC Collars suitable to plain ended pipes are based on the following raw materials cost.
Cement. Rs.4220/- per MT(Excluding all taxes and freight).
Steel (M.S. Rods) - Rs.55000/- per MT.(Excluding all taxes and freight).

The revised cost of RCC collars due to increase / decrease in the cost of raw materials shall be

as per the following formula.
Revised Cost =Cost as per the above table +R1+R2
R1= Variation (increase / decrease) in cost (Rs. per each) due to change in the cost of M.S. Rods =(S2-S1)/1000 X Ws.
R2= Variation (increase /decrease) in cost (Rs. per each) due to change in the cost of Cement = (C2-C1)/1000 X Wc.
S1 = Rs.55000/-, S2 = Cost of M S Rods (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate.
C1 = Rs.4220/-,
C2 = Cost of Cement (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate
Ws=Weight of MS Rods required (Kg.) per each collar.
Wc= Weight of Cement required (Kg.) per each collar.

3. S o R FOR R.C.C. S/S PIPES (Non - Pressure)

S No.	Description							
1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 at ex-factory (rate per meter of effective length) Excluding transportation and all taxes.							
	Size	Unit	SoR For 2026-27					
			Code	NP - 2 Class	Code	NP - 3 Class	Code	NP - 4 Class
	80 mm dia.	Meter	MAT-05717	183				
	100 mm dia.	Meter	MAT-05718	206				
	150 mm dia.	Meter	MAT-05719	240				
	200 mm dia.	Meter	MAT-05720	293				
	225 mm dia.	Meter	MAT-05721	317				
	250 mm dia.	Meter	MAT-05722	338				
	300 mm dia.	Meter	MAT-05723	476	MAT-05738	1173	MAT-05753	1249
	350 mm dia.	Meter	MAT-05724	611	MAT-05739	1457	MAT-05754	1483
	400 mm dia.	Meter	MAT-05725	673	MAT-05740	1615	MAT-05755	1643
	450 mm dia.	Meter	MAT-05726	840	MAT-05741	1783	MAT-05756	1794
	500 mm dia.	Meter	MAT-05727	969	MAT-05742	2041	MAT-05757	2225
	600 mm dia.	Meter	MAT-05728	1356	MAT-05743	2867	MAT-05758	2941
	700 mm dia.	Meter	MAT-05729	1760	MAT-05744	3676	MAT-05759	3842
	800 mm dia.	Meter	MAT-05730	2269	MAT-05745	4873	MAT-05760	5019
	900 mm dia.	Meter	MAT-05731	2882	MAT-05746	6138	MAT-05761	6329
	1000 mm dia.	Meter	MAT-05732	3514	MAT-05747	6901	MAT-05762	7344
	1100 mm dia.	Meter	MAT-05733	4088	MAT-05748	8168	MAT-05763	8688
	1200 mm dia.	Meter	MAT-05734	4622	MAT-05749	9654	MAT-05764	10181
	1400 mm dia.	Meter	MAT-05735	6623	MAT-05750	12788	MAT-05765	14474
	1600 mm dia.	Meter	MAT-05736	8198	MAT-05751	16657	MAT-05766	17403
	1800 mm dia.	Meter	MAT-05737	9155	MAT-05752	22148	MAT-05767	23419

Note: All the prices are ex-works. The above rates of RCC S/S Non-Pressure pipes are based on the following raw materials cost.

Cement. Rs.4220/- per MT, (Excluding all taxes and freight).
Steel (M.S. Rods) – Rs.55,000/- per MT. (Excluding all taxes and freight).

The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.

Revised Cost = Cost as per the above table +R1+R2
R1= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the cost of M.S. Rods = (S2-S1)/1000 X Ws.
R2= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the cost of Cement = (C2-C1)/1000 X Wc.
S1 = Rs. 55,000/-, S2 = Cost of M S Rods (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate.
C1 = Rs. 4220/-, C2 = Cost of Cement (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate
Ws=Weight of MS Rods required (Kg.) per Meter of pipe as per IS: 458/2003.
WC= Weight of Cement required (Kg.) per Meter of pipe.

4. S o R FOR R.C.C. S/S PIPES (Pressure)

S No.	Description							
1	Manufacture, Supply and Delivery of R.C.C. Socket and Spigot pipes conforming to B.I.S. 458/2003 Ex-factory (rate per meter of effective length) Excluding transportation and all taxes.							
	Size	Unit	SoR For			2026-27		
			Code	P1 - Class	Code	P2 - Class	Code	P3 - Class
	80 mm dia.	Meter	MAT-05768	241	MAT-05786	271	MAT-05802	311
	100 mm dia.	Meter	MAT-05769	270	MAT-05787	326	MAT-05803	378
	150 mm dia.	Meter	MAT-05770	374	MAT-05788	487	MAT-05804	603
	200 mm dia.	Meter	MAT-05771	433	MAT-05789	625	MAT-05805	826
	225 mm dia.	Meter	MAT-05772	488	MAT-05790	711	MAT-05806	921
	250 mm dia.	Meter	MAT-05773	535	MAT-05791	760	MAT-05807	966
	300 mm dia.	Meter	MAT-05774	719	MAT-05792	1089	MAT-05808	1361
	350 mm dia.	Meter	MAT-05775	895	MAT-05793	1517	MAT-05809	1964
	400 mm dia.	Meter	MAT-05776	1065	MAT-05794	2011	MAT-05810	2599
	450 mm dia.	Meter	MAT-05777	1132	MAT-05795	2387	MAT-05811	3195
	500 mm dia.	Meter	MAT-05778	1516	MAT-05796	2588	MAT-05812	3628
	600 mm dia.	Meter	MAT-05779	2076	MAT-05797	3864	MAT-05813	5038
	700 mm dia.	Meter	MAT-05780	2776	MAT-05798	5101	MAT-05814	6390
	800 mm dia.	Meter	MAT-05781	3473	MAT-05799	6056	MAT-05815	7716
	900 mm dia.	Meter	MAT-05782	4186	MAT-05800	7116		
	1000 mm dia.	Meter	MAT-05783	5310	MAT-05801	8157		
	1100 mm dia.	Meter	MAT-05784	6384				
	1200 mm dia.	Meter	MAT-05785	7456				

Note: All the prices are ex-works.

The above rates of RCC S/S Pressure pipes are based on the following raw materials cost.
Cement. Rs.4220/- per MT, (Excluding all taxes and freight).
Steel (M.S. Rods) - Rs.55,000/- per MT. (Excluding all taxes and freight).
The revised cost of RCC pipes due to increase / decrease in the cost of raw materials shall be as per the following formula.
Revised Cost =Cost as per the above table +R1+R2

R1= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the cost of M.S. Rods = (S2-S1)/1000 X Ws.
R2= Variation (increase / decrease) in cost (Rs. per Meter) due to change in the cost of Cement = (C2-C1)/1000 X Wc.

S1 = Rs.55000/-
S2 = Cost of M S Rods (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate.
C1 = Rs. 4220/-, C2 = Cost of Cement (Rs. per MT excluding all taxes and freight) at the time of preparation of estimate
Ws=Weight of MS Rods required (Kg) per Meter of pipe as per IS: 458 /2003.WC= Weight of Cement required (Kg) per Meter of pipe.

5. S o R FOR RUBBER RINGS TO SUIT R.C.C. S/S PIPES

S No	Description							
1	Manufacture, Supply and Delivery of Rubber rings to suit R.C.C Socket and Spigot pipes conforming to B.I.S 5382/1985 (rate per each rubber ring) including transportation but excluding all taxes. The Rubber Rings shall be tested at the factory premises confirming to B.I.S. 5382/1985.							
	Size	Unit	SoR for 2026-27					
			Code	NP - 2 Class	Code	NP - 3 Class	Code	NP - 4 Class
	80 mm dia.	Each	MAT-05816	28				
	100 mm dia.	Each	MAT-05817	34				
	150 mm dia.	Each	MAT-05818	61				
	200 mm dia.	Each	MAT-05819	72				
	225 mm dia.	Each	MAT-05820	79				
	250 mm dia.	Each	MAT-05821	88				
	300 mm dia.	Each	MAT-05822	108	MAT-05837	139	MAT-05852	139
	350 mm dia.	Each	MAT-05823	125	MAT-05838	166	MAT-05853	166
	400 mm dia.	Each	MAT-05824	138	MAT-05839	188	MAT-05854	188
	450 mm dia.	Each	MAT-05825	156	MAT-05840	213	MAT-05855	213
	500 mm dia.	Each	MAT-05826	203	MAT-05841	244	MAT-05856	244
	600 mm dia.	Each	MAT-05827	267	MAT-05842	354	MAT-05857	354
	700 mm dia.	Each	MAT-05828	267	MAT-05843	424	MAT-05858	424
	800 mm dia.	Each	MAT-05829	461	MAT-05844	515	MAT-05859	515
	900 mm dia.	Each	MAT-05830	577	MAT-05845	696	MAT-05860	696
	1000 mm dia.	Each	MAT-05831	675	MAT-05846	840	MAT-05861	840
	1100 mm dia.	Each	MAT-05832	812	MAT-05847	1076	MAT-05862	1076
	1200 mm dia.	Each	MAT-05833	1301	MAT-05848	1352	MAT-05863	1352
	1400 mm dia.	Each	MAT-05834	1430	MAT-05849	1488	MAT-05864	1488
	1600 mm dia.	Each	MAT-05835	1781	MAT-05850	1815	MAT-05865	1815
	1800 mm dia.	Each	MAT-05836	2218	MAT-05851	2319	MAT-05866	2319
2	Manufacture, Supply and Delivery of Rubber rings to suit R.C.C. Socket and Spigot pipes conforming to B.I.S 5382/ 1985 (rate per each rubber ring) including transportation but excluding all taxes. The Rubber Rings shall be tested at the factory premises confirming to B.I.S. 5382/1985.							

	Size		Code	P1-Class	Code	P2-Class	Code	P3-Class
	80 mm dia.	Each	MAT-05867	28	MAT-05885	28	MAT-05901	28
	100 mm dia.	Each	MAT-05868	34	MAT-05886	36	MAT-05902	36
	150 mm dia.	Each	MAT-05869	61	MAT-05887	61	MAT-05903	61
	200 mm dia.	Each	MAT-05870	72	MAT-05888	72	MAT-05904	72
	225 mm dia.	Each	MAT-05871	79	MAT-05889	81	MAT-05905	83
	250 mm dia.	Each	MAT-05872	88	MAT-05890	92	MAT-05906	93
	300 mm dia.	Each	MAT-05873	108	MAT-05891	114	MAT-05907	118
	350 mm dia.	Each	MAT-05874	125	MAT-05892	142	MAT-05908	156
	400 mm dia.	Each	MAT-05875	138	MAT-05893	188	MAT-05909	192
	450 mm dia.	Each	MAT-05876	156	MAT-05894	215	MAT-05910	221
	500 mm dia.	Each	MAT-05877	203	MAT-05895	244	MAT-05911	255
	600 mm dia.	Each	MAT-05878	267	MAT-05896	301	MAT-05912	307
	700 mm dia.	Each	MAT-05879	364	MAT-05897	398	MAT-05913	424
	800 mm dia.	Each	MAT-05880	461	MAT-05898	510	MAT-05914	510
	900 mm dia.	Each	MAT-05881	577	MAT-05899	644		
	1000 mm dia.	Each	MAT-05882	675	MAT-05900	777		
	1100 mm dia.	Each	MAT-05883	812				
	1200 mm dia.	Each	MAT-05884	1301				

6. S o R FOR CONVEYANCE OF R.C.C. PLAIN ENDED PIPES

S No.	Description	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.
1	Conveyance of R.C.C plain ended pipes on all weathered roads including loading, unloading and stacking (per Meter) SoR for 2026-27				
		NP - 2 Class		NP - 3 Class & NP - 4 Class	
	80 mm dia.	5.29	0.23		
	100 mm dia.	7.03	0.23		
	150 mm dia.	10.56	0.43		
	200 mm dia.	14.06	0.43		
	225 mm dia.	15.83	0.68		
	250 mm dia.	17.59	0.68		
	300 mm dia.	24.65	0.90	68.61	1.79
	350 mm dia.	35.18	2.01	73.89	2.01
	400 mm dia.	38.71	2.23	87.97	2.67
	450 mm dia.	51.02	2.67	95.00	3.11
	500 mm dia.	54.55	3.11	103.79	3.11
	600 mm dia.	79.16	4.91	156.56	6.93
	700 mm dia.	100.28	6.93	174.16	8.03
	800 mm dia.	117.87	6.93	209.34	8.03
	900 mm dia.	135.45	6.93	274.43	15.17
	1000 mm dia.	200.54	14.27	330.72	15.17
	1100 mm dia.	219.88	14.27	358.87	16.50
	1200 mm dia.	249.80	15.17	401.08	16.50
	1400 mm dia.	300.82	15.17	545.35	17.18
	1600 mm dia.	348.32	15.17	654.40	17.18
	1800 mm dia.	401.08	15.17	872.54	24.11

7. S o R FOR CONVEYANCE OF R.C.C. S/S PIPES

S No.	Description	Rate up to 5 Kms Lead including Loading, unloading & stacking	Rate for every additional 1 KM lead or part thereof.	Rate up to 5 Kms Lead including Loading, unloading and stacking	Rate for every additional 1 KM lead or part thereof.
1	Conveyance of R.C.C. Socket and Spigot pipes on all-weather roads including loading, unloading and stacking (per Meter of effective length)				
	Size	NP - 2 & P1 Class		NP – 3 & NP - 4 Class	
	80 mm dia.	7.03	0.21		
	100 mm dia.	7.03	0.40		
	150 mm dia.	12.32	0.40		
	200 mm dia.	15.83	0.81		
	225 mm dia.	17.59	0.81		
	250 mm dia.	19.35	1.83		
	300 mm dia.	31.68	2.02	83.23	2.44
	350 mm dia.	36.93	2.23	90.48	2.83
	400 mm dia.	36.93	2.63	112.19	5.29
	450 mm dia.	52.78	2.82	123.04	5.29
	500 mm dia.	58.05	3.05	135.71	5.69
	600 mm dia.	75.64	5.29	182.74	8.10
	700 mm dia.	93.22	5.69	246.07	16.02
	800 mm dia.	128.41	8.71	291.32	16.02
	900 mm dia.	191.75	15.62	336.54	16.02
	1000 mm dia.	218.13	15.62	354.64	16.02
	1100 mm dia.	246.27	16.02	379.98	16.02
	1200 mm dia.	274.43	16.02	425.20	16.41
	1400 mm dia.	341.28	16.02	569.96	16.41
	1600 mm dia.	404.61	16.40	673.10	17.64
	1800 mm dia.	501.35	16.40	897.46	24.13
		P2 – Class		P3 – Class	
	80 mm dia.	7.03	0.21	7.03	0.21
	100 mm dia.	7.03	0.40	7.03	0.40

	150 mm dia.	12.32	0.40	12.32	0.40
	200 mm dia.	15.83	0.81	21.11	1.83
	225 mm dia.	21.11	1.83	24.65	2.02
	250 mm dia.	22.87	2.02	29.90	2.23
	300 mm dia.	43.97	2.44	51.02	2.63
	350 mm dia.	54.55	2.82	70.37	3.05
	400 mm dia.	65.08	3.05	93.22	5.29
	450 mm dia.	82.67	5.08	116.12	5.29
	500 mm dia.	93.22	5.29	140.73	7.91
	600 mm dia.	123.15	5.29	204.06	10.13
	700 mm dia.	184.70	10.75	297.29	16.02
	800 mm dia.	244.53	15.21	379.98	16.02
	900 mm dia.	297.29	16.02		
	1000 mm dia.	365.90	16.40		

8. S o R FOR A.C. PIPES

S. No	Description							
1	2							
1	Manufacture, Supply of A.C. Pressure pipes (Mazza process) as per BIS No:1592/2003 as amended from time to time duly marked with BIS mark, including cost of material, incidental handling, loading and packing charges, but exclusive of transportation, unloading, stacking at departmental stores, and excluding all taxes. The pipes shall be tested at factory premises confirming to IS Code 1592/2003.							
	Size	Unit	SoR for 2026-27					
			Code	Class – 15	Code	Class – 20	Code	Class - 25
	80 mm dia.	Rate/Meter	MAT-05915	237	MAT-05933	259	MAT-05951	326
	100 mm dia.	Rate/Meter	MAT-05916	313	MAT-05934	398	MAT-05952	488
	125 mm dia.	Rate/Meter	MAT-05917	408	MAT-05935	509	MAT-05953	638
	150 mm dia.	Rate/Meter	MAT-05918	574	MAT-05936	714	MAT-05954	899
	200 mm dia.	Rate/Meter	MAT-05919	953	MAT-05937	1219	MAT-05955	1548
	250 mm dia.	Rate/Meter	MAT-05920	1211	MAT-05938	1567	MAT-05956	1961
	300 mm dia.	Rate/Meter	MAT-05921	1693	MAT-05939	2201	MAT-05957	2811
	350 mm dia.	Rate/Meter	MAT-05922	2063	MAT-05940	2681	MAT-05958	3378
	400 mm dia.	Rate/Meter	MAT-05923	2682	MAT-05941	3505	MAT-05959	4351
	450 mm dia.	Rate/Meter	MAT-05924	3179	MAT-05942	4219	MAT-05960	5283
	500 mm dia.	Rate/Meter	MAT-05925	3929	MAT-05943	5161	MAT-05961	6481
	600 mm dia.	Rate/Meter	MAT-05926	5584	MAT-05944	7290	MAT-05962	9289
	700 mm dia.	Rate/Meter	MAT-05927	7393	MAT-05945	10028	MAT-05963	12965
	750 mm dia.	Rate/Meter	MAT-05928	8424	MAT-05946	11574	MAT-05964	14838
	800 mm dia.	Rate/Meter	MAT-05929	9640	MAT-05947	13115	MAT-05965	16830
	850 mm dia.	Rate/Meter	MAT-05930	10812	MAT-05948	14756	MAT-05966	18953
	900 mm dia.	Rate/Meter	MAT-05931	12054	MAT-05949	16481	MAT-05967	21201
	1000 mm dia.	Rate/Meter	MAT-05932	14881	MAT-05950	20237	MAT-05968	26070
2	Lowering, laying and jointing of AC pressure pipes with AC couplings or CID joints complete with Rubber rings in readymade trenches true to alignment and gradient including filling with water lead up to 500 mts and testing to required pressure including all sundries but excluding cost of jointing materials and conveyance from source of supply as per BIS No. 6530/1972							
	80 mm dia.	Rate/Meter	LAB-00697	73	LAB-00715	73	LAB-00733	73
	100 mm dia.	Rate/Meter	LAB-00698	106	LAB-00716	106	LAB-00734	106
	125 mm dia.	Rate/Meter	LAB-00699	116	LAB-00717	116	LAB-00735	116
	150 mm dia.	Rate/Meter	LAB-00700	138	LAB-00718	138	LAB-00736	138

	200 mm dia.	Rate/Meter	LAB-00701	182	LAB-00719	182	LAB-00737	182
	250 mm dia.	Rate/Meter	LAB-00702	219	LAB-00720	219	LAB-00738	219
	300 mm dia.	Rate/Meter	LAB-00703	268	LAB-00721	268	LAB-00739	268
	350 mm dia.	Rate/Meter	LAB-00704	454	LAB-00722	454	LAB-00740	454
	400 mm dia.	Rate/Meter	LAB-00705	685	LAB-00723	685	LAB-00741	685
	450 mm dia.	Rate/Meter	LAB-00706	832	LAB-00724	832	LAB-00742	832
	500 mm dia.	Rate/Meter	LAB-00707	1058	LAB-00725	1058	LAB-00743	1058
	600 mm dia.	Rate/Meter	LAB-00708	1136	LAB-00726	1136	LAB-00744	1136
	700 mm dia.	Rate/Meter	LAB-00709	1269	LAB-00727	1269	LAB-00745	1269
	750 mm dia.	Rate/Meter	LAB-00710	1410	LAB-00728	1410	LAB-00746	1410
	800 mm dia.	Rate/Meter	LAB-00711	1485	LAB-00729	1485	LAB-00747	1485
	850 mm dia.	Rate/Meter	LAB-00712	1585	LAB-00730	1585	LAB-00748	1585
	900 mm dia.	Rate/Meter	LAB-00713	1728	LAB-00731	1728	LAB-00749	1728
	1000 mm dia.	Rate/Meter	LAB-00714	1780	LAB-00732	1780	LAB-00750	1780
	1. The above rates of AC Pipes are based on the Cement cost of Rs.**4,220**/- per MT (Excluding all taxes and freight). 2. The above rates of AC pipes are based on the Fiber cost of Rs.83,400/- per M.T (Excluding all taxes &Freight) For any Increase/ Decrease in the rate of cement, the price of AC pipe per Rmt shall be increased/decreased as under. W x 0.85 x IC Where W = Weight of pipe in Kg's/Rmt IC = Increase/Decrease in cost of cement/Kg For any increase/decrease in the rate of fiber, the price of AC pipe per Rmt shall be increased/Decreased as under : W x 0.15 X IF Where : W=: Weight of pipe in Kg's/Rmt IF = Increase /Decrease in cost of fiber/Kg							
Note:	1) The Fiber rates are to be obtained from A.C. Pipe manufacturer of "Mazza" process. 2) The cement rate shall be communicated by the sub-committee of Board of Chief engineers.							
	Transportation of AC pressure pipes at site of work anywhere in Andhra Pradesh on motor able roads for full truck loads including transit insurance, unloading, and stacking at site of work etc. Complete (AC Couplings and Rubber rings are to be supplied free of transportation charges).							5% on the basic cost of corresponding AC Pressure pipes.

9. S o R FOR A.C. COUPLINGS

S No.	Description							
1	Manufacture, Supply of A.C Couplings suitable to A.C. Pressure pipes (Mazza process) as per BIS: 1592/2003 excluding cost of rubber rings to suit AC pressure pipes including cost of material, incidental handling, packing, transportation and unloading at site transit risk, but excluding all taxes and testing of joints as per IS Code.							
	Size	Unit	SoR for 2026-27					
			Code	Class – 15	Code	Class - 20	Code	Class – 25
	80 mm dia.	Rate/Each	MAT-05969	112	MAT-05987	119	MAT-06005	138
	100 mm dia.	Rate/Each	MAT-05970	143	MAT-05988	158	MAT-06006	187
	125 mm dia.	Rate/Each	MAT-05971	183	MAT-05989	199	MAT-06007	240
	150 mm dia.	Rate/Each	MAT-05972	211	MAT-05990	264	MAT-06008	326
	200 mm dia.	Rate/Each	MAT-05973	387	MAT-05991	428	MAT-06009	543
	250 mm dia.	Rate/Each	MAT-05974	454	MAT-05992	573	MAT-06010	727
	300 mm dia.	Rate/Each	MAT-05975	593	MAT-05993	768	MAT-06011	988
	350 mm dia.	Rate/Each	MAT-05976	766	MAT-05994	989	MAT-06012	1262
	400 mm dia.	Rate/Each	MAT-05977	1181	MAT-05995	1540	MAT-06013	1968
	450 mm dia.	Rate/Each	MAT-05978	1415	MAT-05996	1862	MAT-06014	2390
	500 mm dia.	Rate/Each	MAT-05979	1685	MAT-05997	2251	MAT-06015	2872
	600 mm dia.	Rate/Each	MAT-05980	2082	MAT-05998	2617	MAT-06016	3347
	700 mm dia.	Rate/Each	MAT-05981	2732	MAT-05999	3682	MAT-06017	4786
	750 mm dia.	Rate/Each	MAT-05982	3084	MAT-06000	4215	MAT-06018	5441
	800 mm dia.	Rate/Each	MAT-05983	3499	MAT-06001	4744	MAT-06019	6140
	850 mm dia.	Rate/Each	MAT-05984	3897	MAT-06002	5306	MAT-06020	6883
	900 mm dia.	Rate/Each	MAT-05985	4313	MAT-06003	5899	MAT-06021	7659
	1000 mm dia.	Rate/Each	MAT-05986	5265	MAT-06004	7171	MAT-06022	9347

1. The above rates of AC Coupling are based on the Cement cost of Rs.4,220/- per MT (Excluding all taxes and freight).
2. The above rates of AC Coupling are based on the Fiber cost of Rs 83,400/- per M.T (excluding all taxes &Fright)

For any Increase/ Decrease in the rate of cement, the price of AC Coupling per Each shall be increased/decreased as under.

W x 0.85 x IC Where W = Weight of Coupling in Kgs/each
IC = Increase/Decrease in cost of cement/kg
For any increase/decrease in the rate of fiber, the price of AC Coupling per each shall be increased/Decreased as under:
W x 0.15 X IF Where: W= Weight of Coupling in Kgs/Each
IF = Increase /Decrease in cost of fiber/kg

The Fiber rates are to be obtained from A.C. Pipe manufacturer of "Mazza" process.

10. S o R FOR RUBBER RINGS TO SUIT A.C. COUPLINGS

S No.	Description								
1	Schedule of rate for supply of Rubber rings manufactured as per BIS: 5382/1988 with BIS Mark embossed per each set suitable for A.C. Couplings including cost of material, incidental, handling, packing and transportation and unloading at site transit risk etc., but excluding all taxes. The Rubber Rings shall be tested at the factory premises confirming to B.I.S 5382/1988								
	Size	Unit		SoR for 2026-27					
				Code	Class –15	Code	Class –20	Code	Class -25
	80 mm dia.	Each Set		MAT-06023	89	MAT-06041	89	MAT-06059	89
	100 mm dia.	Each Set		MAT-06024	110	MAT-06042	110	MAT-06060	110
	125 mm dia.	Each Set		MAT-06025	142	MAT-06043	142	MAT-06061	142
	150 mm dia.	Each Set		MAT-06026	180	MAT-06044	180	MAT-06062	180
	200 mm dia.	Each Set		MAT-06027	187	MAT-06045	187	MAT-06063	187
	250 mm dia.	Each Set		MAT-06028	217	MAT-06046	217	MAT-06064	217
	300 mm dia.	Each Set		MAT-06029	217	MAT-06047	217	MAT-06065	217
	350 mm dia.	Each Set		MAT-06030	246	MAT-06048	246	MAT-06066	246
	400 mm dia.	Each Set		MAT-06031	301	MAT-06049	301	MAT-06067	301
	450 mm dia.	Each Set		MAT-06032	353	MAT-06050	353	MAT-06068	353
	500 mm dia.	Each Set		MAT-06033	408	MAT-06051	408	MAT-06069	408
	600 mm dia.	Each Set		MAT-06034	464	MAT-06052	464	MAT-06070	464
	700 mm dia.	Each Set		MAT-06035	960	MAT-06053	960	MAT-06071	960
	750 mm dia.	Each Set		MAT-06036	999	MAT-06054	999	MAT-06072	999
	800 mm dia.	Each Set		MAT-06037	1074	MAT-06055	1074	MAT-06073	1074
	850 mm dia.	Each Set		MAT-06038	1195	MAT-06056	1195	MAT-06074	1195
	900 mm dia.	Each Set		MAT-06039	1257	MAT-06057	1257	MAT-06075	1257
	1000 mm dia.	Each Set		MAT-06040	1393	MAT-06058	1393	MAT-06076	1393

11. S o R FOR PRE-STRESSED (NON-CYLINDER) CONCRETE PIPES FOR THE YEAR 2026-27

S No.	Description													
1	Manufacture, Supply, Delivery of Pre-stressed (Non-cylinder) concrete pipes conforming to IS 784/2001 ex-factory excluding transportation, taxes for the following Field/Site Test Pressures. (The manufacture shall design the pipes as per the IS Code 784-2001)													
	Size	**Unit**	**SoR for 2026-27.**											
			Code	6 Kg/cm2	Code	8 Kg/cm2	Code	10 Kg/cm2	Code	12 Kg/cm2	Code	14 Kg/cm2	Code	16 Kg/cm2
	350 MM DIA.	Meter	MAT-06077	3614	MAT-06096	3627	MAT-06115	3641	MAT-06134	3660	MAT-06153	3733	MAT-06172	3863
	400 MM DIA.	Meter	MAT-06078	3883	MAT-06097	3912	MAT-06116	3954	MAT-06135	4006	MAT-06154	4079	MAT-06173	4141
	450 MM DIA.	Meter	MAT-06079	4128	MAT-06098	4148	MAT-06117	4195	MAT-06136	4276	MAT-06155	4386	MAT-06174	4481
	500 MM DIA.	Meter	MAT-06080	4469	MAT-06099	4487	MAT-06118	4524	MAT-06137	4619	MAT-06156	4716	MAT-06175	4854
	600 MM DIA.	Meter	MAT-06081	5129	MAT-06100	5166	MAT-06119	5221	MAT-06138	5381	MAT-06157	5553	MAT-06176	5723
	700 MM DIA.	Meter	MAT-06082	6014	MAT-06101	6100	MAT-06120	6243	MAT-06139	6421	MAT-06158	6607	MAT-06177	6865
	800 MM DIA.	Meter	MAT-06083	7296	MAT-06102	7459	MAT-06121	7632	MAT-06140	7863	MAT-06159	8101	MAT-06178	8477
	900 MM DIA.	Meter	MAT-06084	8371	MAT-06103	8586	MAT-06122	8811	MAT-06141	9188	MAT-06160	9480	MAT-06179	10167
	1000 MM DIA.	Meter	MAT-06085	9867	MAT-06104	10149	MAT-06123	10444	MAT-06142	10740	MAT-06161	11102	MAT-06180	11894
	1100 MM DIA.	Meter	MAT-06086	11050	MAT-06105	11373	MAT-06124	11734	MAT-06143	12095	MAT-06162	12475	MAT-06181	13449

	1200 MM DIA.	Meter	MAT-06087	12419	MAT-06106	12846	MAT-06125	13249	MAT-06144	13538	MAT-06163	14089	MAT-06182	15493
	1300 MM DIA.	Meter	MAT-06088	14074	MAT-06107	14555	MAT-06126	15037	MAT-06145	15522	MAT-06164	16915	MAT-06183	17525
	1400 MM DIA.	Meter	MAT-06089	16290	MAT-06108	16854	MAT-06127	17430	MAT-06146	18383	MAT-06165	19548	MAT-06184	20409
	1500 MM DIA.	Meter	MAT-06090	18393	MAT-06109	19063	MAT-06128	19693	MAT-06147	21377	MAT-06166	22146	MAT-06185	24739
	1600 MM DIA.	Meter	MAT-06091	20681	MAT-06110	21403	MAT-06129	22129	MAT-06148	24144	MAT-06167	25015	MAT-06186	27524
	1700 MM DIA.	Meter	MAT-06092	22191	MAT-06111	23032	MAT-06130	23860	MAT-06149	25982	MAT-06168	28786	MAT-06187	30082
	1800 MM DIA.	Meter	MAT-06093	24538	MAT-06112	26104	MAT-06131	27525	MAT-06150	29846	MAT-06169	30952	MAT-06188	34273
	1900 MM DIA.	Meter	MAT-06094	26190	MAT-06113	27631	MAT-06132	30062	MAT-06151	31787	MAT-06170	34555	MAT-06189	37211
	2000 MM DIA.	Meter	MAT-06095	28790	MAT-06114	30586	MAT-06133	32190	MAT-06152	35124	MAT-06171	38765	MAT-06190	40294
2	Cost of lowering, laying jointing, testing to Hydrostatic field test pressure as per IS: 783 including cost of Rubber Rings, cost transportation of water and emptying pipe line after completion of field testing etc., complete. (for a maximum depth of 4 Mtrs below GL)													
	350 MM DIA.	Meter	MAT-06191	396	MAT-06210	396	MAT-06229	396	MAT-06248	396	MAT-06267	396	MAT-06286	396

	400 MM DIA.	Meter	MAT-06192	427	MAT-06211	427	MAT-06230	427	MAT-06249	427	MAT-06268	427	MAT-06287	427
	450 MM DIA.	Meter	MAT-06193	492	MAT-06212	492	MAT-06231	492	MAT-06250	492	MAT-06269	492	MAT-06288	492
	500 MM DIA.	Meter	MAT-06194	524	MAT-06213	524	MAT-06232	524	MAT-06251	524	MAT-06270	524	MAT-06289	524
	600 MM DIA.	Meter	MAT-06195	645	MAT-06214	645	MAT-06233	645	MAT-06252	645	MAT-06271	645	MAT-06290	645
	700 MM DIA.	Meter	MAT-06196	753	MAT-06215	753	MAT-06234	753	MAT-06253	753	MAT-06272	753	MAT-06291	753
	800 MM DIA.	Meter	MAT-06197	854	MAT-06216	854	MAT-06235	854	MAT-06254	854	MAT-06273	854	MAT-06292	854
	900 MM DIA.	Meter	MAT-06198	934	MAT-06217	934	MAT-06236	934	MAT-06255	934	MAT-06274	934	MAT-06293	934
	1000 MM IA	Meter	MAT-06199	1080	MAT-06218	1080	MAT-06237	1080	MAT-06256	1080	MAT-06275	1080	MAT-06294	1080
	1100 MM IA	Meter	MAT-06200	1214	MAT-06219	1214	MAT-06238	1214	MAT-06257	1214	MAT-06276	1214	MAT-06295	1214
	1200 MMDIA.	Meter	MAT-06201	1343	MAT-06220	1343	MAT-06239	1343	MAT-06258	1343	MAT-06277	1343	MAT-06296	1343
	1300 MM DIA.	Meter	MAT-06202	1524	MAT-06221	1524	MAT-06240	1524	MAT-06259	1524	MAT-06278	1524	MAT-06297	1524
	1400 MM DIA.	Meter	MAT-06203	1724	MAT-06222	1724	MAT-06241	1724	MAT-06260	1724	MAT-06279	1724	MAT-06298	1724
	1500 MM DIA.	Meter	MAT-06204	1870	MAT-06223	1870	MAT-06242	1870	MAT-06261	1870	MAT-06280	1870	MAT-06299	1870
	1600 MM DIA.	Meter	MAT-06205	2096	MAT-06224	2096	MAT-06243	2096	MAT-06262	2096	MAT-06281	2096	MAT-06300	2096
	1700 MM DIA.	Meter	MAT-06206	2281	MAT-06225	2281	MAT-06244	2281	MAT-06263	2281	MAT-06282	2281	MAT-06301	2281
	1800 MM DIA.	Meter	MAT-06207	2412	MAT-06226	2412	MAT-06245	2412	MAT-06264	2412	MAT-06283	2412	MAT-06302	2412
	1900 MM DIA.	Meter	MAT-06208	2547	MAT-06227	2547	MAT-06246	2547	MAT-06265	2547	MAT-06284	2547	MAT-06303	2547
	2000 MM DIA.	Meter	MAT-06209	2684	MAT-06228	2684	MAT-06247	2684	MAT-06266	2684	MAT-06285	2684	MAT-06304	2684

3	Conveyance of Pre-stressed (Non Cylinder) Concrete Pipes and accessories including loading at Factory, unloading at site and stacking for the following sizes: (Minimum distance of 100 Kms to be considered, if the distance is less by 100 Kms from Factory to Site)							
	350 MM DIA.	Per K.M/M	2.50	2.50	2.50	2.50	2.50	2.50
	400 MM DIA.	Per K.M/M	2.50	2.50	2.50	2.50	2.50	2.50
	450 MM DIA.	Per K.M/M	2.91	2.91	2.91	2.91	2.91	2.91
	500 MM DIA.	Per K.M/M	3.05	3.05	3.05	3.05	3.05	3.05
	600 MM DIA.	Per K.M/M	3.47	3.47	3.47	3.47	3.47	3.47
	700 MM DIA.	Per K.M/M	5.69	5.69	5.69	5.69	5.69	5.69
	800 MM DIA.	Per K.M/M	5.69	5.69	5.69	5.69	5.69	5.69
	900 MM DIA.	Per K.M/M	5.69	5.69	5.69	5.69	5.69	5.69
	1000 MM DIA.	Per K.M/M	9.16	9.16	9.16	9.16	9.16	9.16
	1100 MM DIA.	Per K.M/M	9.16	9.16	9.16	9.16	9.16	9.16
	1200 MM DIA.	Per K.M/M	17.49	17.49	17.49	17.49	17.49	17.49

	1300 MM DIA.	Per K.M/M	17.76		17.76		17.76		17.76		17.76		17.76	
	1400 MM DIA.	Per K.M/M	17.76		17.76		17.76		17.76		17.76		17.76	
	1500 MM DIA.	Per K.M/M	17.76		17.76		17.76		17.76		17.76		17.76	
	1600 MM DIA.	Per K.M/M	19.84		19.84		19.84		19.84		19.84		19.84	
	1700 MM DIA.	Per K.M/M	19.84		19.84		19.84		19.84		19.84		19.84	
	1800 MM DIA.	Per K.M/M	20.26		20.26		20.26		20.26		20.26		20.26	
	1900 MM DIA.	Per K.M/M	21.23		21.23		21.23		21.23		21.23		21.23	
	2000 MM DIA.	Per K.M/M	21.23		21.23		21.23		21.23		21.23		21.23	
4	Cost of Machine End pair (Socket +Spigot) for providing M.S Specials on PSC pipelines excluding cost of M.S barrel including cost and conveyance to site etc., complete.													
	350 MM DIA.	Per Pair	MAT-06305	**13052**	MAT-06315	**13052**	MAT-06334	**13052**	MAT-06353	**13052**	MAT-06372	**13052**	MAT-06391	**13052**
	400 MM	Per Pair	MAT-06306	**14900**	MAT-06316	**14900**	MAT-06335	**14900**	MAT-06354	**14900**	MAT-06373	**14900**	MAT-06392	**14900**

	DIA.													
	450 MM DIA.	Per Pair	MAT-06307	**16863**	MAT-06317	**16863**	MAT-06336	**16863**	MAT-06355	**16863**	MAT-06374	**16863**	MAT-06393	**16863**
	500 MM DIA.	Per Pair	MAT-06308	**18827**	MAT-06318	**18827**	MAT-06337	**18827**	MAT-06356	**18827**	MAT-06375	**18827**	MAT-06394	**18827**
	600 MM DIA.	Per Pair	MAT-06309	**22407**	MAT-06319	**22407**	MAT-06338	**22407**	MAT-06357	**22407**	MAT-06376	**22407**	MAT-06395	**22407**
	700 MM DIA.	Per Pair	MAT-06310	**26219**	MAT-06320	**26219**	MAT-06339	**26219**	MAT-06358	**26219**	MAT-06377	**26219**	MAT-06396	**26219**
	800 MM DIA.	Per Pair	MAT-06311	**30030**	MAT-06321	**30030**	MAT-06340	**30030**	MAT-06359	**30030**	MAT-06378	**30030**	MAT-06397	**30030**
	900 MM DIA.	Per Pair	MAT-06312	**34073**	MAT-06322	**34073**	MAT-06341	**34073**	MAT-06360	**34073**	MAT-06379	**34073**	MAT-06398	**34073**
	1000 MM DIA.	Per Pair	MAT-06313	**36845**	MAT-06323	**36845**	MAT-06342	**36845**	MAT-06361	**36845**	MAT-06380	**36845**	MAT-06399	**36845**
	1100 MM DIA.	Per Pair	MAT-06314	**40772**	MAT-06324	**40772**	MAT-06343	**40772**	MAT-06362	**40772**	MAT-06381	**40772**	MAT-06400	**40772**
	1200 MM DIA.	Per Pair		**44468**	MAT-06325	**44468**	MAT-06344	**44468**	MAT-06363	**44468**	MAT-06382	**44468**	MAT-06401	**44468**
	1300 MM DIA.	Per Pair		**48048**	MAT-06326	**48048**	MAT-06345	**48048**	MAT-06364	**48048**	MAT-06383	**48048**	MAT-06402	**48048**
	1400 MM DIA.	Per Pair		**57173**	MAT-06327	**57173**	MAT-06346	**57173**	MAT-06365	**57173**	MAT-06384	**57173**	MAT-06403	**57173**

	1500 MM DIA.	Per Pair		**67452**	MAT-06328	**67452**	MAT-06347	**67452**	MAT-06366	**67452**	MAT-06385	**67452**	MAT-06404	**67452**
	1600 MM DIA.	Per Pair		**75422**	MAT-06329	**75422**	MAT-06348	**75422**	MAT-06367	**75422**	MAT-06386	**75422**	MAT-06405	**75422**
	1700 MM DIA.	Per Pair		**84893**	MAT-06330	**84893**	MAT-06349	**84893**	MAT-06368	**84893**	MAT-06387	**84893**	MAT-06406	**84893**
	1800 MM DIA.	Per Pair		**97367**	MAT-06331	**97367**	MAT-06350	**97367**	MAT-06369	**97367**	MAT-06388	**97367**	MAT-06407	**97367**
	1900 MM DIA.	Per Pair		**112959**	MAT-06332	**112959**	MAT-06351	**112959**	MAT-06370	**112959**	MAT-06389	**112959**	MAT-06408	**112959**
	2000 MM DIA.	Per Pair		**132248**	MAT-06333	**132248**	MAT-06352	**132248**	MAT-06371	**132248**	MAT-06390	**132248**	MAT-06409	**132248**

5	Cost of MS Flanges including cost of Bolts, Nuts, Rubber Packing etc., complete and flange thickness confirming to IS:7322 - 1985 and flange dimensions confirming to IS:1538-1993 excluding Cost of MS barrel including cost and conveyance to site, excluding Taxes etc., complete. (Rate per each Flange).							
	Diameter and thickness	Unit	Code	Rate	Diameter and thickness	Unit	Code	Rate
	80 mm dia. x 15 mm thick	Each Flange	MAT-06410	**936**	500mm dia. x 20 mm Thick	Each Flange	MAT-06420	**9552**
	100 mm dia. x 15 mm thick	Each Flange	MAT-06411	**1282**	600 mm dia. x 20 mm thick	Each Flange	MAT-06421	**12024**
	125 mm dia. x 15 mm thick	Each Flange	MAT-06412	**1548**	700 mm dia. x 25 mm thick	Each Flange	MAT-06422	**16979**

	150 mm dia. x 15 mm thick	Each Flange	MAT-06413	**2056**	750 mm dia. x 25 mm thick	Each Flange	MAT-06423	**18665**
	200 mm dia. x 15 mm thick	Each Flange	MAT-06414	**2576**	800 mm dia. x 25 mm thick	Each Flange	MAT-06424	**20906**
	250 mm dia. x 15 mm thick	Each Flange	MAT-06415	**3350**	900 mm dia. x 25 mm thick	Each Flange	MAT-06425	**24012**
	300 mm dia. x 15 mm thick	Each Flange	MAT-06416	**3812**	1000 mm dia. x 25 mm thick	Each Flange	MAT-06426	**28298**
	350 mm dia. x 18 mm thick	Each Flange	MAT-06417	**5532**	1050 mm dia. x 25 mm thick	Each Flange	MAT-06427	**30053**
	400 mm dia. x 18 mm thick	Each Flange	MAT-06418	**6907**	1100 mm dia. x 25 mm thick	Each Flange	MAT-06428	**32409**
	450 mm dia. x 18 mm thick	Each Flange	MAT-06419	**8027**	1200 mm dia. x 32 mm thick	Each Flange	MAT-06429	**42931**

Note:

Note: a) The above rate of PSC pipes are based on the HT wire cost of Rs.62,000/-MT (excluding all taxes and freight).
and cement price of Rs.4,220/- per MT (excluding all taxes and freight)

The rates may be revised depending upon the increase/decrease in the cost of HT wire and cement. as per the following method. The cost of HT wire may be obtained from reputed firms like SAIL/TATA/ SS Ltd. etc.,

Revised Cost =Cost as per the above table +R1+R2.

R1= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of HT Wire =(H2-H1)/1000 X Wh.

R2= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of Cement =(C2-C1)/1000 X Wc.

H1 = Rs.62,000/- H2 = Cost of HT Wire (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 4220/- C2 = Cost of Cement (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate

Wh=Weight of HT Wire required (Kg.) per meter of pipe. Wc= Weight of Cement required (Kg.) per metre of pipe.

The rates for MS flanges are considering MS Plates of Rs.61,000/- per MT. Price variation to be released on actual weight of flange**.**

Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

12. S o R FOR PRE-STRESSED (CYLINDER) CONCRETE PIPES FOR THE YEAR 2026-27

S. No.	Description																			
1	Manufacture, Supply, Delivery of BIS MARKED PRE-STRESSED (CYLINDER TYPE) CONCRETE PIPES as per IS: 784-2001 @ Ex-factory cost of pipes excluding Transportation, Laying, Jointing, Testing, Bends, Tees, Specials, taxes and duties etc., for following Field / Line / Site test pressures:																			
	Size	Unit			SoR for 2026-27															
			Code	**4 Kg/cm2**	**Code**	**6 Kg/cm2**	**Code**	**8 Kg/cm2**	**Code**	**10 Kg/cm2**	**Code**	**12 Kg/cm2**	**Code**	**14 Kg/cm2**	**Code**	**16 Kg/cm2**	**Code**	**18 Kg/cm2**	**Code**	**20 Kg/cm2**
	400 MM DIA.	Meter	MAT-06430	6410	MAT-06448	6410	MAT-06466	6410	MAT-06484	6410	MAT-06502	6441	MAT-06520	6509	MAT-06538	6622	MAT-06556	6730	MAT-06574	6813
	450 MM DIA.	Meter	MAT-06431	6977	MAT-06449	6977	MAT-06467	6977	MAT-06485	7009	MAT-06503	7091	MAT-06521	7190	MAT-06539	7312	MAT-06557	7370	MAT-06575	7440
	500 MM DIA.	Meter	MAT-06432	7461	MAT-06450	7461	MAT-06468	7530	MAT-06486	7603	MAT-06504	7668	MAT-06522	7759	MAT-06540	7865	MAT-06558	7953	MAT-06576	8036
	600 MM DIA.	Meter	MAT-06433	8596	MAT-06451	8682	MAT-06469	8778	MAT-06487	8885	MAT-06505	8981	MAT-06523	9077	MAT-06541	9238	MAT-06559	9364	MAT-06577	9480
	700 MM DIA.	Meter	MAT-06434	9797	MAT-06452	9917	MAT-06470	10054	MAT-06488	10179	MAT-06506	10315	MAT-06524	10439	MAT-06542	10656	MAT-06560	10808	MAT-06578	10980
	800 MM DIA.	Meter	MAT-06435	11513	MAT-06453	11663	MAT-06471	11830	MAT-06489	12007	MAT-06507	12175	MAT-06525	12339	MAT-06543	12578	MAT-06561	12808	MAT-06579	13014
	900 MM DIA.	Meter	MAT-06436	13108	MAT-06454	13322	MAT-06472	13531	MAT-06490	13750	MAT-06508	13971	MAT-06526	14187	MAT-06544	14718	MAT-06562	15008	MAT-06580	15337
	1000 MM DIA.	Meter	MAT-06437	15714	MAT-06455	15972	MAT-06473	16237	MAT-06491	16511	MAT-06509	16774	MAT-06527	17044	MAT-06545	17736	MAT-06563	18115	MAT-06581	18493
	1100 MM DIA.	Meter	MAT-06438	17521	MAT-06456	17835	MAT-06474	18165	MAT-06492	18484	MAT-06510	18813	MAT-06528	19127	MAT-06546	19972	MAT-06564	20394	MAT-06582	20954
	1200 MM DIA.	Meter	MAT-06439	19524	MAT-06457	19906	MAT-06475	20281	MAT-06493	20667	MAT-06511	21065	MAT-06529	21444	MAT-06547	22445	MAT-06565	23040	MAT-06583	23593
	1300 MM DIA.	Meter	MAT-06440	21799	MAT-06458	22251	MAT-06476	22702	MAT-06494	23158	MAT-06512	23614	MAT-06530	24401	MAT-06548	25347	MAT-06566	25988	MAT-06584	26712

	1400 MM DIA.	Meter	MAT-06441	24370	MAT-06459	24924	MAT-06477	25490	MAT-06495	26103	MAT-06513	27123	MAT-06531	27902	MAT-06549	28890	MAT-06567	29241	MAT-06585	30507
	1500 MM DIA.	Meter	MAT-06442	28818	MAT-06460	29494	MAT-06478	30089	MAT-06496	30696	MAT-06514	31887	MAT-06532	32564	MAT-06550	33488	MAT-06568	34872	MAT-06586	35625
	1600 MM DIA.	Meter	MAT-06443	32492	MAT-06461	33382	MAT-06479	34153	MAT-06497	35426	MAT-06515	36201	MAT-06533	37041	MAT-06551	38656	MAT-06569	39512	MAT-06587	40363
	1700 MM DIA.	Meter	MAT-06444	34969	MAT-06462	35949	MAT-06480	36734	MAT-06498	38187	MAT-06516	39059	MAT-06534	40854	MAT-06552	41928	MAT-06570	42900	MAT-06588	43872
	1800 MM DIA.	Meter	MAT-06445	38206	MAT-06463	39293	MAT-06481	41416	MAT-06499	42736	MAT-06517	44025	MAT-06535	46441	MAT-06553	48497	MAT-06571	49600	MAT-06589	50724
	1900 MM DIA.	Meter	MAT-06446	44642	MAT-06464	45616	MAT-06482	47350	MAT-06500	48366	MAT-06518	50486	MAT-06536	51691	MAT-06554	53023	MAT-06572	54250	MAT-06590	55468
	2000 MM DIA.	Meter	MAT-06447	47119	MAT-06465	48905	MAT-06483	50094	MAT-06501	51301	MAT-06519	53671	MAT-06537	54999	MAT-06555	56487	MAT-06573	57854	MAT-06591	59209
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of site welding and fixing of Polypropylene Diapher cloth, cost transportation of water and emptying pipe line after completion of field testing.																		
	400 MM DIA.	Meter	MAT-06592	815	MAT-06610	815	MAT-06628	815	MAT-06646	815	MAT-06664	815	MAT-06682	815	MAT-06700	815	MAT-06718	815	MAT-06736	815
	450 MM DIA.	Meter	MAT-06593	959	MAT-06611	959	MAT-06629	959	MAT-06647	959	MAT-06665	959	MAT-06683	959	MAT-06701	959	MAT-06719	959	MAT-06737	959
	500 MM DIA.	Meter	MAT-06594	1044	MAT-06612	1044	MAT-06630	1044	MAT-06648	1044	MAT-06666	1044	MAT-06684	1044	MAT-06702	1044	MAT-06720	1044	MAT-06738	1044
	600 MM DIA.	Meter	MAT-06595	1221	MAT-06613	1221	MAT-06631	1221	MAT-06649	1221	MAT-06667	1221	MAT-06685	1221	MAT-06703	1221	MAT-06721	1221	MAT-06739	1221
	700 MM DIA.	Meter	MAT-06596	1390	MAT-06614	1390	MAT-06632	1390	MAT-06650	1390	MAT-06668	1390	MAT-06686	1390	MAT-06704	1390	MAT-06722	1390	MAT-06740	1390
	800 MM DIA.	Meter	MAT-06597	1597	MAT-06615	1597	MAT-06633	1597	MAT-06651	1597	MAT-06669	1597	MAT-06687	1597	MAT-06705	1597	MAT-06723	1597	MAT-06741	1597
	900 MM DIA.	Meter	MAT-06598	1800	MAT-06616	1800	MAT-06634	1800	MAT-06652	1800	MAT-06670	1800	MAT-06688	1800	MAT-06706	1800	MAT-06724	1800	MAT-06742	1800
	1000 MM	Meter	MAT-06599	1972	MAT-06617	1972	MAT-06635	1972	MAT-06653	1972	MAT-06671	1972	MAT-06689	1972	MAT-06707	1972	MAT-06725	1972	MAT-06743	1972

	DIA.																			
	1100 MM DIA.	Meter	MAT-06600	2236	MAT-06618	2236	MAT-06636	2236	MAT-06654	2236	MAT-06672	2236	MAT-06690	2236	MAT-06708	2236	MAT-06726	2236	MAT-06744	2236
	1200 MM DIA.	Meter	MAT-06601	2439	MAT-06619	2439	MAT-06637	2439	MAT-06655	2439	MAT-06673	2439	MAT-06691	2439	MAT-06709	2439	MAT-06727	2439	MAT-06745	2439
	1300 MM DIA.	Meter	MAT-06602	2611	MAT-06620	2611	MAT-06638	2611	MAT-06656	2611	MAT-06674	2611	MAT-06692	2611	MAT-06710	2611	MAT-06728	2611	MAT-06746	2611
	1400 MM DIA.	Meter	MAT-06603	2874	MAT-06621	2874	MAT-06639	2874	MAT-06657	2874	MAT-06675	2874	MAT-06693	2874	MAT-06711	2874	MAT-06729	2874	MAT-06747	2874
	1500 MM DIA.	Meter	MAT-06604	3190	MAT-06622	3190	MAT-06640	3190	MAT-06658	3190	MAT-06676	3190	MAT-06694	3190	MAT-06712	3190	MAT-06730	3190	MAT-06748	3190
	1600 MM DIA.	Meter	MAT-06605	3452	MAT-06623	3452	MAT-06641	3452	MAT-06659	3452	MAT-06677	3452	MAT-06695	3452	MAT-06713	3452	MAT-06731	3452	MAT-06749	3452
	1700 MM DIA.	Meter	MAT-06606	3889	MAT-06624	3889	MAT-06642	3889	MAT-06660	3889	MAT-06678	3889	MAT-06696	3889	MAT-06714	3889	MAT-06732	3889	MAT-06750	3889
	1800 MM DIA.	Meter	MAT-06607	4123	MAT-06625	4123	MAT-06643	4123	MAT-06661	4123	MAT-06679	4123	MAT-06697	4123	MAT-06715	4123	MAT-06733	4123	MAT-06751	4123
	1900 MM DIA.	Meter	MAT-06608	4496	MAT-06626	4496	MAT-06644	4496	MAT-06662	4496	MAT-06680	4496	MAT-06698	4496	MAT-06716	4496	MAT-06734	4496	MAT-06752	4496
	2000 MM DIA.	Meter	MAT-06609	4787	MAT-06627	4787	MAT-06645	4787	MAT-06663	4787	MAT-06681	4787	MAT-06699	4787	MAT-06717	4787	MAT-06735	4787	MAT-06753	4787
3	Conveyance of Pre-stressed (Cylinder) Concrete Pipes and accessories including loading at Factory, unloading at site and stacking for the following sizes: (Minimum distance of 100 Kms to be considered, if the distance is less by 100 Kms from Factory to Site).																			
	400 MM DIA.	Per KM/M	2.08		2.08		2.08		2.08		2.08		2.08		2.08		2.08		2.08	
	450 MM DIA.	Per KM/M	2.08		2.08		2.08		2.08		2.08		2.08		2.08		2.08		2.08	
	500 MM DIA.	Per KM/M	2.91		2.91		2.91		2.91		2.91		2.91		2.91		2.91		2.91	
	600 MM DIA.	Per KM/M	3.33		3.33		3.33		3.33		3.33		3.33		3.33		3.33		3.33	
	700	Per	5.27		5.27		5.27		5.27		5.27		5.27		5.27		5.27		5.27	

	MM DIA.	KM/M									
	800 MM DIA.	Per KM/M	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27
	900 MM DIA.	Per KM/M	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27
	1000 MM DIA.	Per KM/M	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
	1100 MM DIA.	Per KM/M	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33	8.33
	1200 MM DIA.	Per KM/M	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51
	1300 MM DIA.	Per KM/M	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51
	1400 MM DIA.	Per KM/M	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51
	1500 MM DIA.	Per KM/M	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51
	1600 MM DIA.	Per KM/M	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51	16.51
	1700 MM DIA.	Per KM/M	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84
	1800 MM DIA.	Per KM/M	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84
	1900 MM DIA.	Per KM/M	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84	19.84
	2000 MM DIA.	Per KM/M	21.09	21.09	21.09	21.09	21.09	21.09	21.09	21.09	21.09

Note:
The rates of PCCP pipes which were incorporated in the SoR are based on the following raw materials cost.
HT Wire: - Rs.62,000/- (excluding all taxes and freight)
HR Coil (Hot Rolled): - Rs.52,000/- (excluding all taxes and freight)
Cement Cost Rs. 4220/-.per MT (excluding all taxes and freight)
The rates may be revised depending upon the increase/ decrease in the cost of raw materials (landed price) as per the following method.
Revised Cost =Cost as per the above table +R1+R2+R3.
R1= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of HT Wire =(H2-H1)/1000 X Wh.
R2= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of HR Coil =(R2-R1)/1000 X Wr.
R3= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of Cement =(C2-C1)/1000 X Wc .
H1 = Rs.62,000/- H2 = Cost of HT Wire (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate.
R1 = Rs.52,000/- R2 = Cost of HR Coil (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate.
C1 = Rs. 4220/- C2 = Cost of Cement (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate
Wh=Weight of HT Wire required (Kg.) per meter of pipe.
Wc= Weight of Cement required (Kg.) per meter of pipe.
Wr = Weight of HR Coil required (kg) per meter of pipe**.**
Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate

13. S o R FOR BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES FOR THE YEAR 2026-27

S No.	Description																				
1	BAR WRAPPED STEEL CYLINDRICAL (BWSC) PIPES (BIS MARKED) AS PER IS:15155-2002 @ Ex-factory cost of pipes including Bends as per IS:7322 excluding Transportation, Laying, Jointing, Testing, Tees, Specials, taxes and duties etc., for following Field / Line / Site test pressures of Bar Wrapped Steel Cylindrical Pipes:																				
	Size	**Unit**	**Code**	**4 -12 Kg/cm^2**	**Code**	**14 Kg/cm^2**	**Code**	**16 Kg/cm^2**	**Code**	**18 Kg/cm^2**	**Code**	**20 Kg/cm^2**	**Code**	**22 Kg/cm^2**	**Code**	**24 Kg/cm^2**	**Code**	**26 Kg/cm^2**	**Code**	**28 Kg/cm^2**	**Code**	**30 Kg/cm^2**
	250 MM DIA.	Meter	MAT-06754	3203	MAT-06767	3203	MAT-06780	3203	MAT-06793	3203	MAT-06806	3203	MAT-06819	3203	MAT-06832	3520	MAT-06845	3645	MAT-06858	3708	MAT-06871	3875
	300 MM DIA.	Meter	MAT-06755	3588	MAT-06768	3588	MAT-06781	3588	MAT-06794	3588	MAT-06807	3588	MAT-06820	3775	MAT-06833	4257	MAT-06846	4430	MAT-06859	4544	MAT-06872	4752
	350 MM DIA.	Meter	MAT-06756	4337	MAT-06769	4337	MAT-06782	4337	MAT-06795	4415	MAT-06808	4648	MAT-06821	4899	MAT-06834	5132	MAT-06847	5364	MAT-06860	5615	MAT-06873	5813
	400 MM DIA.	Meter	MAT-06757	4790	MAT-06770	4790	MAT-06783	4899	MAT-06796	5216	MAT-06809	5508	MAT-06822	5816	MAT-06835	6110	MAT-06848	6421	MAT-06861	6654	MAT-06874	6969
	450 MM DIA.	Meter	MAT-06758	5368	MAT-06771	5414	MAT-06784	5817	MAT-06797	6188	MAT-06810	6591	MAT-06823	6907	MAT-06836	7306	MAT-06849	7592	MAT-06862	7933	MAT-06875	8478
	500 MM DIA.	Meter	MAT-06759	5828	MAT-06772	6265	MAT-06785	6731	MAT-06798	7226	MAT-06811	7637	MAT-06824	8179	MAT-06837	8624	MAT-06850	9023	MAT-06863	9624	MAT-06876	10141
	600 MM DIA.	Meter	MAT-06760	7306	MAT-06773	7852	MAT-06786	8536	MAT-06799	9186	MAT-06812	9884	MAT-06825	10564	MAT-06838	11394	MAT-06851	12160	MAT-06864	12916	MAT-06877	13456
	700 MM DIA.	Meter	MAT-06761	8850	MAT-06774	9881	MAT-06787	10769	MAT-06800	11681	MAT-06813	12757	MAT-06826	13681	MAT-06839	14568	MAT-06852	16014	MAT-06865	16827	MAT-06878	17477
	800 MM DIA.	Meter	MAT-06762	10581	MAT-06775	12063	MAT-06788	13227	MAT-06801	14466	MAT-06814	15937	MAT-06827	17087	MAT-06840	18654	MAT-06853	19980	MAT-06866	21008	MAT-06879	22063
	900 MM DIA.	Meter	MAT-06763	12952	MAT-06776	14598	MAT-06789	16041	MAT-06802	17608	MAT-06815	19178	MAT-06828	21076	MAT-06841	22470	MAT-06854	24292	MAT-06867	25974	MAT-06880	27502
	1000 MM DIA.	Meter	MAT-06764	15273	MAT-06777	17341	MAT-06790	19499	MAT-06803	21473	MAT-06816	23215	MAT-06829	24746	MAT-06842	26943	MAT-06855	28969	MAT-06868	31780	MAT-06881	33274
	1100 MM DIA.	Meter	MAT-06765	20570	MAT-06778	21035	MAT-06791	23174	MAT-06804	25542	MAT-06817	27836	MAT-06830	29915	MAT-06843	33120	MAT-06856	34857	MAT-06869	37819	MAT-06882	39887
	1200 MM DIA.	Meter	MAT-06766	22472	MAT-06779	24098	MAT-06792	26688	MAT-06805	29376	MAT-06818	32101	MAT-06831	34580	MAT-06844	38082	MAT-06857	41585	MAT-06870	44800	MAT-06883	46909
2	Cost of laying jointing, testing to Hydrostatic field test pressure including cost of site welding and fixing of Polypropylene Diapher cloth, cost transportation of water and emptying pipe line after completion of field testing.																				
	250 MM DIA.	Meter	MAT-06884	555	MAT-06897	555	MAT-06910	555	MAT-06923	555	MAT-06936	555	MAT-06949	555	MAT-06962	555	MAT-06975	555	MAT-06988	555	MAT-07001	555
	300 MM DIA.	Meter	MAT-06885	654	MAT-06898	654	MAT-06911	654	MAT-06924	654	MAT-06937	654	MAT-06950	654	MAT-06963	654	MAT-06976	654	MAT-06989	654	MAT-07002	654
	350 MM DIA.	Meter	MAT-06886	772	MAT-06899	772	MAT-06912	772	MAT-06925	772	MAT-06938	772	MAT-06951	772	MAT-06964	772	MAT-06977	772	MAT-06990	772	MAT-07003	772
	400 MM DIA.	Meter	MAT-06887	865	MAT-06900	865	MAT-06913	865	MAT-06926	865	MAT-06939	865	MAT-06952	865	MAT-06965	865	MAT-06978	865	MAT-06991	865	MAT-07004	865
	450 MM	Meter	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865	MAT-	865

	DIA.		06888		06901		06914		06927		06940		06953		06966		06979		06992		07005	
	500 MM DIA.	Meter	MAT-06889	1082	MAT-06902	1082	MAT-06915	1082	MAT-06928	1082	MAT-06941	1082	MAT-06954	1082	MAT-06967	1082	MAT-06980	1082	MAT-06993	1082	MAT-07006	1082
	600 MM DIA.	Meter	MAT-06890	1330	MAT-06903	1330	MAT-06916	1330	MAT-06929	1330	MAT-06942	1330	MAT-06955	1330	MAT-06968	1330	MAT-06981	1330	MAT-06994	1330	MAT-07007	1330
	700 MM DIA.	Meter	MAT-06891	1550	MAT-06904	1550	MAT-06917	1550	MAT-06930	1550	MAT-06943	1550	MAT-06956	1550	MAT-06969	1550	MAT-06982	1550	MAT-06995	1550	MAT-07008	1550
	800 MM DIA.	Meter	MAT-06892	1763	MAT-06905	1763	MAT-06918	1763	MAT-06931	1763	MAT-06944	1763	MAT-06957	1763	MAT-06970	1763	MAT-06983	1763	MAT-06996	1763	MAT-07009	1763
	900 MM DIA.	Meter	MAT-06893	2072	MAT-06906	2072	MAT-06919	2072	MAT-06932	2072	MAT-06945	2072	MAT-06958	2072	MAT-06971	2072	MAT-06984	2072	MAT-06997	2072	MAT-07010	2072
	1000 MM DIA.	Meter	MAT-06894	2290	MAT-06907	2290	MAT-06920	2290	MAT-06933	2290	MAT-06946	2290	MAT-06959	2290	MAT-06972	2290	MAT-06985	2290	MAT-06998	2290	MAT-07011	2290
	1100 MM DIA.	Meter	MAT-06895	2692	MAT-06908	2692	MAT-06921	2692	MAT-06934	2692	MAT-06947	2692	MAT-06960	2692	MAT-06973	2692	MAT-06986	2692	MAT-06999	2692	MAT-07012	2692
	1200 MM DIA.	Meter	MAT-06896	3012	MAT-06909	3012	MAT-06922	3012	MAT-06935	3012	MAT-06948	3012	MAT-06961	3012	MAT-06974	3012	MAT-06987	3012	MAT-07000	3012	MAT-07013	3012
3	Conveyance of Bar Wrapped steel Cylindrical (BWSC) pipes and accessories including loading at Factory, unloading at site and stacking for the following sizes: (Minimum distance of 100 Kms to be considered, if the distance is less by 100 Kms from Factory to Site)																					
	250 MM DIA.	Per KM/M	1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09	
	300 MM DIA.	Per KM/M	1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09		1.09	
	350 MM DIA.	Per KM/M	1.46		1.46		1.46		1.46		1.46		1.46		1.46		1.46		1.46		1.46	
	400 MM DIA.	Per KM/M	1.82		1.82		1.82		1.82		1.82		1.82		1.82		1.82		1.82		1.82	
	450 MM DIA.	Per KM/M	2.39		2.39		2.39		2.39		2.39		2.39		2.39		2.39		2.39		2.39	
	500 MM DIA.	Per KM/M	2.93		2.93		2.93		2.93		2.93		2.93		2.93		2.93		2.93		2.93	
	600 MM DIA.	Per KM/M	3.11		3.11		3.11		3.11		3.11		3.11		3.11		3.11		3.11		3.11	
	700 MM DIA.	Per KM/M	3.48		3.48		3.48		3.48		3.48		3.48		3.48		3.48		3.48		3.48	
	800 MM DIA.	Per KM/M	4.57		4.57		4.57		4.57		4.57		4.57		4.57		4.57		4.57		4.57	

	900 MM DIA.	Per KM/ M	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92	4.92
	1000 MM DIA.	Per KM/ M	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66
	1100 MM DIA.	Per KM/ M	12.63	12.63	12.63	12.63	12.63	12.63	12.63	12.63	12.63	12.63
	1200 MM DIA.	Per KM/ M	17.66	17.66	17.66	17.66	17.66	17.66	17.66	17.66	17.66	17.66

Note:

The above rates of BWSC pipes are based on the following raw materials' cost.

HR Plates - Rs.52,000/- per MT (excluding all taxes and freight),

M.S. Wire rods - Rs.50,000/- per MT(excluding all taxes and freight)

Cement Cost Rs.4,220/-.per MT (excluding all taxes and freight)

The rates may be revised depending upon the increase/ decrease in the cost of raw materials (landed price) as per the following method.

Revised Cost =Cost as per the above table +R1+R2+R3.

R1= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of HR Plate =(H2-H1)/1000 X Wh.

R2= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of wire rods =(W2-W1)/1000 X Ww.

R3= Variation (increase / decrease) in cost (Rs. per meter) due to change in the cost of Cement =(C2-C1)/1000 X Wc .

H1 = Rs.52,000/- H2 = Cost of HR Plate (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate.

W1 = Rs.50,000/- W2 = Cost of Wire rods (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate.

C1 = Rs. 4220/- C2 = Cost of Cement (Rs. Per MT excluding all taxes and freight) at the time of preparation of estimate

Wh=Weight of HR Plate required (Kg.) per meter of pipe.

Wc= Weight of Cement required (Kg.) per meter of pipe.

Ww = Weight of wire rods required (kg) per meter of pipe.

Note: Taxes as applicable shall be added as per rules at the time of preparation of estimate.

14. S o R FOR M.S. PIPES FOR THE YEAR 2026-27

S No.	Description	Unit	Thickness in mm	Code	Rate
1	Manufacture, supply and delivery of M.S Spirally Welded Pipes conforming to IS: 3589/2001 including in-lining with sand blasting, primer & Food grade Epoxy of 406 microns thick (or) in-lining with cement mortar (1:2) 15mm thick using 4 numbers of 6mm dia M.S. Rings at each end of the pipe and out coating with cement mortar (1:3) 30mm thick by shotcreting (or) guniting duly providing wire mesh of size 50x50x3mm including cost of all materials, labor charges, transportation to anywhere in AP, but excluding all taxes.				
	500 mm dia.	Meter	8.00	MAT-07014	**9900**
	600 mm dia.	Meter	8.00	MAT-07015	**11751**
	700 mm dia.	Meter	8.00	MAT-07016	**13679**
	700 mm dia.	Meter	10.00	MAT-07017	**16378**
	800 mm dia.	Meter	8.00	MAT-07018	**15488**
	800 mm dia.	Meter	10.00	MAT-07019	**18027**
	800 mm dia.	Meter	12.00	MAT-07020	**20564**
	900 mm dia.	Meter	8.00	MAT-07021	**16761**
	900 mm dia.	Meter	10.00	MAT-07022	**19675**
	900 mm dia.	Meter	12.00	MAT-07023	**22488**
	1000 mm dia.	Meter	8.00	MAT-07024	**18084**
	1000 mm dia.	Meter	10.00	MAT-07025	**21223**
	1000 mm dia.	Meter	12.00	MAT-07026	**24412**
	1000 mm dia.	Meter	14.00	MAT-07027	**27599**
	1100 mm dia.	Meter	8.00	MAT-07028	**19407**
	1100 mm dia.	Meter	10.00	MAT-07029	**22872**
	1100 mm dia.	Meter	12.00	MAT-07030	**26385**
	1100 mm dia.	Meter	14.00	MAT-07031	**29898**
	1100 mm dia.	Meter	16.00	MAT-07032	**33409**
	1200 mm dia.	Meter	8.00	MAT-07033	**20629**
	1200 mm dia.	Meter	10.00	MAT-07034	**24470**

	1200 mm dia.	Meter	12.00	MAT-07035	**28308**
	1200 mm dia.	Meter	14.00	MAT-07036	**32146**
	1200 mm dia.	Meter	16.00	MAT-07037	**36033**
	1200 mm dia.	Meter	18.00	MAT-07038	**39819**
	1300 mm dia.	Meter	8.00	MAT-07039	**21952**
	1300 mm dia.	Meter	10.00	MAT-07040	**26117**
	1300 mm dia.	Meter	12.00	MAT-07041	**30283**
	1300 mm dia.	Meter	14.00	MAT-07042	**34445**
	1300 MM DIA.	Meter	16.00	MAT-07043	**38557**
	1300 MM DIA.	Meter	18.00	MAT-07044	**42768**
	1300 MM DIA.	Meter	20.00	MAT-07045	**46929**
	1400 MM DIA.	Meter	8.00	MAT-07046	**23275**
	1400 MM DIA.	Meter	10.00	MAT-07047	**27716**
	1400 MM DIA.	Meter	12.00	MAT-07048	**32205**
	1400 MM DIA.	Meter	14.00	MAT-07049	**36744**
	1400 MM DIA.	Meter	16.00	MAT-07050	**41181**
	1400 MM DIA.	Meter	18.00	MAT-07051	**45668**
	1400 MM DIA.	Meter	20.00	MAT-07052	**50202**
	1400 MM DIA.	Meter	22.00	MAT-07053	**54687**
	1500 MM DIA.	Meter	8.00	MAT-07054	**24548**
	1500 MM DIA.	Meter	10.00	MAT-07055	**29364**
	1500 MM DIA.	Meter	12.00	MAT-07056	**34179**
	1500 MM DIA.	Meter	14.00	MAT-07057	**38943**
	1500 MM DIA.	Meter	16.00	MAT-07058	**43806**
	1500 MM DIA.	Meter	18.00	MAT-07059	**48618**
	1500 MM DIA.	Meter	20.00	MAT-07060	**53428**
	1500 MM DIA.	Meter	22.00	MAT-07061	**58237**
	1500 MM DIA.	Meter	24.00	MAT-07062	**63095**
	1600 MM DIA.	Meter	8.00	MAT-07063	**25872**
	1600 MM DIA.	Meter	10.00	MAT-07064	**30963**
	1600 MM DIA.	Meter	12.00	MAT-07065	**36154**
	1600 MM DIA.	Meter	14.00	MAT-07066	**41242**

	1600 MM DIA.	Meter	16.00	MAT-07067	**46381**
	1600 MM DIA.	Meter	18.00	MAT-07068	**51518**
	1600 MM DIA.	Meter	20.00	MAT-07069	**56703**
	1600 MM DIA.	Meter	22.00	MAT-07070	**61837**
	1600 MM DIA.	Meter	24.00	MAT-07071	**66972**
	1600 MM DIA.	Meter	26.00	MAT-07072	**72103**
	1700 MM DIA.	Meter	8.00	MAT-07073	**27194**
	1700 MM DIA.	Meter	10.00	MAT-07074	**32611**
	1700 MM DIA.	Meter	12.00	MAT-07075	**38076**
	1700 MM DIA.	Meter	14.00	MAT-07076	**43542**
	1700 MM DIA.	Meter	16.00	MAT-07077	**49005**
	1700 MM DIA.	Meter	18.00	MAT-07078	**54467**
	1700 MM DIA.	Meter	20.00	MAT-07079	**59929**
	1700 MM DIA.	Meter	22.00	MAT-07080	**65388**
	1700 MM DIA.	Meter	24.00	MAT-07081	**70847**
	1700 MM DIA.	Meter	26.00	MAT-07082	**76305**
	1700 MM DIA.	Meter	28.00	MAT-07083	**81811**
	1800 MM DIA.	Meter	8.00	MAT-07084	**28467**
	1800 MM DIA.	Meter	10.00	MAT-07085	**34259**
	1800 MM DIA.	Meter	12.00	MAT-07086	**40000**
	1800 MM DIA.	Meter	14.00	MAT-07087	**45790**
	1800 MM DIA.	Meter	16.00	MAT-07088	**51579**
	1800 MM DIA.	Meter	18.00	MAT-07089	**57367**
	1800 MM DIA.	Meter	20.00	MAT-07090	**63203**
	1800 MM DIA.	Meter	22.00	MAT-07091	**68988**
	1800 MM DIA.	Meter	24.00	MAT-07092	**74772**
	1800 MM DIA.	Meter	26.00	MAT-07093	**80556**
	1800 MM DIA.	Meter	28.00	MAT-07094	**86337**
	1800 MM DIA.	Meter	30.00	MAT-07095	**92118**
	1900 MM DIA.	Meter	8.00	MAT-07096	**29790**
	1900 MM DIA.	Meter	10.00	MAT-07097	**35908**
	1900 MM DIA.	Meter	12.00	MAT-07098	**41974**
	1900 MM DIA.	Meter	14.00	MAT-07099	**48089**

	1900 MM DIA.	Meter	16.00	MAT-07100	**54204**
	1900 MM DIA.	Meter	18.00	MAT-07101	**60317**
	1900 MM DIA.	Meter	20.00	MAT-07102	**66429**
	1900 MM DIA.	Meter	22.00	MAT-07103	**72539**
	1900 MM DIA.	Meter	24.00	MAT-07104	**78649**
	1900 MM DIA.	Meter	26.00	MAT-07105	**84757**
	1900 MM DIA.	Meter	28.00	MAT-07106	**90864**
	1900 MM DIA.	Meter	30.00	MAT-07107	**96969**
	1900 MM DIA.	Meter	32.00	MAT-07108	**103074**
	2000 MM DIA.	Meter	8.00	MAT-07109	**31063**
	2000 MM DIA.	Meter	10.00	MAT-07110	**37556**
	2000 MM DIA.	Meter	12.00	MAT-07111	**43947**
	2000 MM DIA.	Meter	14.00	MAT-07112	**50388**
	2000 MM DIA.	Meter	16.00	MAT-07113	**56828**
	2000 MM DIA.	Meter	18.00	MAT-07114	**63266**
	2000 MM DIA.	Meter	20.00	MAT-07115	**69703**
	2000 MM DIA.	Meter	22.00	MAT-07116	**76139**
	2000 MM DIA.	Meter	24.00	MAT-07117	**82574**
	2000 MM DIA.	Meter	26.00	MAT-07118	**89008**
	2000 MM DIA.	Meter	28.00	MAT-07119	**95441**
	2000 MM DIA.	Meter	30.00	MAT-07120	**101872**
	2000 MM DIA.	Meter	32.00	MAT-07121	**108303**
	2000 MM DIA.	Meter	34.00	MAT-07122	**114731**
	2100 MM DIA.	Meter	8.00	MAT-07123	**32385**
	2100 MM DIA.	Meter	10.00	MAT-07124	**39103**
	2100 MM DIA.	Meter	12.00	MAT-07125	**45871**
	2100 MM DIA.	Meter	14.00	MAT-07126	**52637**
	2100 MM DIA.	Meter	16.00	MAT-07127	**59402**
	2100 MM DIA.	Meter	18.00	MAT-07128	**66166**
	2100 MM DIA.	Meter	20.00	MAT-07129	**72929**
	2100 MM DIA.	Meter	22.00	MAT-07130	**79689**
	2100 MM DIA.	Meter	24.00	MAT-07131	**86450**
	2100 MM DIA.	Meter	26.00	MAT-07132	**93209**
	2100 MM DIA.	Meter	28.00	MAT-07133	**99967**

	2100 MM DIA.	Meter	30.00	MAT-07134	**106724**
	2100 MM DIA.	Meter	32.00	MAT-07135	**113529**
	2100 MM DIA.	Meter	34.00	MAT-07136	**120284**
	2100 MM DIA.	Meter	36.00	MAT-07137	**127086**
	2200 MM DIA.	Meter	8.00	MAT-07138	**33708**
	2200 MM DIA.	Meter	10.00	MAT-07139	**40752**
	2200 MM DIA.	Meter	12.00	MAT-07140	**47845**
	2200 MM DIA.	Meter	14.00	MAT-07141	**54937**
	2200 MM DIA.	Meter	16.00	MAT-07142	**62026**
	2200 MM DIA.	Meter	18.00	MAT-07143	**69116**
	2200 MM DIA.	Meter	20.00	MAT-07144	**76204**
	2200 MM DIA.	Meter	22.00	MAT-07145	**83241**
	2200 MM DIA.	Meter	26.00	MAT-07146	**97410**
	2200 MM DIA.	Meter	28.00	MAT-07147	**104494**
	2200 MM DIA.	Meter	30.00	MAT-07148	**111626**
	2200 MM DIA.	Meter	32.00	MAT-07149	**118707**
	2200 MM DIA.	Meter	34.00	MAT-07150	**125837**
	2200 MM DIA.	Meter	36.00	MAT-07151	**132964**
	2200 MM DIA.	Meter	38.00	MAT-07152	**140042**
	2300 MM DIA.	Meter	10.00	MAT-07153	**42400**
	2300 MM DIA.	Meter	12.00	MAT-07154	**49817**
	2300 MM DIA.	Meter	16.00	MAT-07155	**64600**
	2300 MM DIA.	Meter	18.00	MAT-07156	**72015**
	2300 MM DIA.	Meter	20.00	MAT-07157	**79428**
	2300 MM DIA.	Meter	22.00	MAT-07158	**86841**
	2300 MM DIA.	Meter	26.00	MAT-07159	**101662**
	2300 MM DIA.	Meter	28.00	MAT-07160	**109070**
	2300 MM DIA.	Meter	30.00	MAT-07161	**116478**
	2300 MM DIA.	Meter	32.00	MAT-07162	**123934**
	2300 MM DIA.	Meter	34.00	MAT-07163	**131390**
	2300 MM DIA.	Meter	36.00	MAT-07164	**138792**
	2300 MM DIA.	Meter	38.00	MAT-07165	**146245**
	2300 MM DIA.	Meter	40.00	MAT-07166	**153696**

	2400MM DIA.	Meter	10.00	MAT-07167	**44048**
	2400 MM DIA.	Meter	12.00	MAT-07168	**51742**
	2400 MM DIA.	Meter	14.00	MAT-07169	**59485**
	2400 MM DIA.	Meter	16.00	MAT-07170	**67226**
	2400 MM DIA.	Meter	18.00	MAT-07171	**74965**
	2400 MM DIA.	Meter	20.00	MAT-07172	**82704**
	2400 MM DIA.	Meter	22.00	MAT-07173	**90392**
	2400 MM DIA.	Meter	26.00	MAT-07174	**105862**
	2400 MM DIA.	Meter	28.00	MAT-07175	**113647**
	2400 MM DIA.	Meter	30.00	MAT-07176	**121379**
	2400 MM DIA.	Meter	32.00	MAT-07177	**129160**
	2400 MM DIA.	Meter	34.00	MAT-07178	**136891**
	2400 MM DIA.	Meter	36.00	MAT-07179	**144670**
	2400 MM DIA.	Meter	38.00	MAT-07180	**152449**
	2400 MM DIA.	Meter	40.00	MAT-07181	**160226**
	2400 MM DIA.	Meter	42.00	MAT-07182	**168002**
	2500 MM DIA.	Meter	10.00	MAT-07183	**45647**
	2500 MM DIA.	Meter	14.00	MAT-07184	**61783**
	2500 MM DIA.	Meter	16.00	MAT-07185	**69850**
	2500 MM DIA.	Meter	18.00	MAT-07186	**77865**
	2500 MM DIA.	Meter	20.00	MAT-07187	**85929**
	2500 MM DIA.	Meter	22.00	MAT-07188	**93992**
	2500 MM DIA.	Meter	28.00	MAT-07189	**118173**
	2500 MM DIA.	Meter	30.00	MAT-07190	**126282**
	2500 MM DIA.	Meter	34.00	MAT-07191	**142444**
	2500 MM DIA.	Meter	36.00	MAT-07192	**150549**
	2500 MM DIA.	Meter	38.00	MAT-07193	**158652**
	2500 MM DIA.	Meter	40.00	MAT-07194	**166755**
	2500 MM DIA.	Meter	42.00	MAT-07195	**174855**
	2500 MM DIA.	Meter	44.00	MAT-07196	**182955**
	2500 MM DIA.	Meter	46.00	MAT-07197	**191054**
	2600 MM DIA.	Meter	12.00	MAT-07198	**55689**
	2600 MM DIA.	Meter	14.00	MAT-07199	**64082**
	2600 MM DIA.	Meter	16.00	MAT-07200	**72424**

	2600 MM DIA.	Meter	18.00	MAT-07201	**80814**
	2600 MM DIA.	Meter	20.00	MAT-07202	**89204**
	2600 MM DIA.	Meter	22.00	MAT-07203	**97542**
	2600 MM DIA.	Meter	32.00	MAT-07204	**139565**
	2600 MM DIA.	Meter	34.00	MAT-07205	**147997**
	2600 MM DIA.	Meter	36.00	MAT-07206	**156427**
	2600 MM DIA.	Meter	38.00	MAT-07207	**164855**
	2600 MM DIA.	Meter	40.00	MAT-07208	**173283**
	2600 MM DIA.	Meter	42.00	MAT-07209	**181709**
	2600 MM DIA.	Meter	44.00	MAT-07210	**190135**
	2600 MM DIA.	Meter	46.00	MAT-07211	**198558**
	2600 MM DIA.	Meter	48.00	MAT-07212	**206931**
2	Cost of Laying, Jointing, Hydrostatic Filed Test Pressure, Including Cost of Site Welding, Jointing Materials and Cost of Transportation of Water Including Emptying Pipe Line After Completion of Field Testing				
	400 MM DIA.	Meter		MAT-07213	**966**
	500 MM DIA.	Meter		MAT-07214	**1201**
	600 MM DIA.	Meter		MAT-07215	**1478**
	700 MM DIA.	Meter		MAT-07216	**1714**
	800 MM DIA.	Meter		MAT-07217	**1957**
	900 MM DIA.	Meter		MAT-07218	**2300**
	1000 MM DIA.	Meter		MAT-07219	**2539**
	1100 MM DIA.	Meter		MAT-07220	**2988**
	1200 MM DIA.	Meter		MAT-07221	**3348**
	1300 MM DIA.	Meter		MAT-07222	**3847**
	1400 MM DIA.	Meter		MAT-07223	**4428**
	1500 MM DIA.	Meter		MAT-07224	**5010**
	1600 MM DIA.	Meter		MAT-07225	**5279**
	1700 MM DIA.	Meter		MAT-07226	**5584**
	1800 MM DIA.	Meter		MAT-07227	**6315**
	1900 MM DIA.	Meter		MAT-07228	**7359**
	2000 MM DIA.	Meter		MAT-07229	**9241**
	2100 MM DIA.	Meter		MAT-07230	**10572**
	2200 MM DIA.	Meter		MAT-07231	**11877**
	2300 MM DIA.	Meter		MAT-07232	**14489**
	2400 MM DIA.	Meter		MAT-07233	**17717**
	2500 MM DIA.	Meter		MAT-07234	**20576**
	2600 MM DIA.	Meter		MAT-07235	**23164**

The above rates of MS Spiral pipes are based on the following raw materials cost.
MS Plates = Rs.61,000/- Per MT.(Excluding all taxes and freight).
The rates may be revised depending upon the increase/decrease in the cost of raw materials (landed price) as per the following method.
Revised Cost = Cost of the pipe as per the above table +R_1.
R_1= Variation (Increase/Decrease) in cost (Rs. Per meter) due to change in cost of MS Plates= (M2-M1)/1000 x Wm
M_1= Rs 61,000/-
M_2= Cost of MS Plates at the time of preparation of estimate excluding all taxes and freight
W_m=Weight of MS Plates in Kg's per meter of pipe
Note: The duties and taxes as applicable shall be added as per rules at the time of preparation of estimate.

15. S.S. RATES FOR H.D.P.E PIPES FOR THE YEAR 2026-27. (PE - 80 Grade)

S No	Description	4.0 kg/sqcm	
1	Manufacture, Supply, & Delivery of HDPE pipes conforming to IS 4984 - 2016 including transportation to anywhere in A.P, excluding all taxes (Supply up to 90 mm dia. in coil & above 90 mm dia. straight Length)		
		Code	Rate per Meter
	OD 40 mm	MAT-07236	42
	OD 50 mm	MAT-07237	64
	OD 63 mm	MAT-07238	86
	OD 75 mm	MAT-07239	118
	OD 90 mm	MAT-07240	169
	OD 110 mm	MAT-07241	252
	OD 125 mm	MAT-07242	322
	OD 140 mm	MAT-07243	402
	OD 160 mm	MAT-07244	526
	OD 180 mm	MAT-07245	666
	OD 200 mm	MAT-07246	813
	OD 225 mm	MAT-07247	1031
	OD 250 mm	MAT-07248	1278
	OD 280 mm	MAT-07249	1592
	OD 315 mm	MAT-07250	2021
	OD 355 mm	MAT-07251	2632
	OD 400 mm	MAT-07252	3390
	OD 450 mm	MAT-07253	4344
	OD 500 mm	MAT-07254	5329
	OD 560 mm	MAT-07255	6598
	OD 630 mm	MAT-07256	8347
	OD 710 mm	MAT-07257	10608
	OD 800 mm	MAT-07258	13422
	OD 900 mm	MAT-07259	17006
	OD 1000 mm	MAT-07260	20941

Note: - Reliance Industries Resin cost adopted for the above rates are
For PE - 80 grade Rs.1,03,795/- per MT. (Excluding all taxes).
The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.
P2 = P1 + (A2 - A1) /1000 x M x 0.95(for increase in raw material cost)
P2 = P1 - (A1 - A2) /1000 x M x 0.95(for decrease in raw material cost)
P2 = Revised pipe price in Rs. per Meter (Excluding all taxes).
P1 = Existing pipe price in Rs. per Meter (Excluding all taxes).
A2 = Revised price of raw material Rs. per MT excluding all taxes.
A1 = Existing price of raw material Rs. Per MT excluding all taxes
M = Weight of pipe in Kg's per Meter as per weight chart.
The above formula for calculation of revised cost to be used for preparation of Estimates only.

16. S o R FOR H.D.P.E PIPES FOR THE YEAR 2026-27. (PE - 100 Grades)

S. No	Description	6.0 kg/ sqcm		8.0 kg/ sqcm		10.0 kg/ sqcm		12.5 kg/ sqcm		16.0 kg/ sqcm	
1	**Manufacture, Supply, & Delivery of HDPE Pipes conforming to IS 4984 - 2016 including transportation to anywhere in A.P, excluding all taxes (Supply up to 90 mm dia. in coil & above 90 mm dia. straight length.)**										
		Code	**Rate per Meter**	**Code**	**Rate per Meter**	**Code**	**Rate per Meter**	**Code**	**Rate per Meter**	**Code**	**Rate per Meter**
	OD 20 mm									MAT-07355	26
	OD 25 mm									MAT-07356	39
	OD 32 mm					MAT-07309	45	MAT-07333	52	MAT-07357	63
	OD 40 mm			MAT-07285	56	MAT-07310	69	MAT-07334	84	MAT-07358	120
	OD 50 mm	MAT-07261	71	MAT-07286	88	MAT-07311	107	MAT-07335	130	MAT-07359	155
	OD 63 mm	MAT-07262	115	MAT-07287	141	MAT-07312	176	MAT-07336	212	MAT-07360	248
	OD 75 mm	MAT-07263	166	MAT-07288	203	MAT-07313	248	MAT-07337	299	MAT-07361	354
	OD 90 mm	MAT-07264	235	MAT-07289	286	MAT-07314	356	MAT-07338	425	MAT-07362	507
	OD 110 mm	MAT-07265	357	MAT-07290	430	MAT-07315	525	MAT-07339	635	MAT-07363	761
	OD 125 mm	MAT-07266	456	MAT-07291	553	MAT-07316	677	MAT-07340	823	MAT-07364	978
	OD 140 mm	MAT-07267	571	MAT-07292	695	MAT-07317	848	MAT-07341	1034	MAT-07365	1230
	OD 160 mm	MAT-07268	749	MAT-07293	912	MAT-07318	1112	MAT-07342	1347	MAT-07366	1603
	OD 180 mm	MAT-07269	942	MAT-07294	1144	MAT-07319	1407	MAT-07343	1699	MAT-07367	2025
	OD 200 mm	MAT-07270	1166	MAT-07295	1413	MAT-07320	1731	MAT-07344	2096	MAT-07368	2506
	OD 225 mm	MAT-07271	1474	MAT-07296	1788	MAT-07321	2197	MAT-07345	2659	MAT-07369	3163
	OD 250 mm	MAT-07272	1818	MAT-07297	2199	MAT-07322	2702	MAT-07346	3283	MAT-07370	3908
	OD 280 mm	MAT-07273	2269	MAT-07298	2765	MAT-07323	3393	MAT-07347	4113	MAT-07371	4907
	OD 315 mm	MAT-07274	2861	MAT-07299	3504	MAT-07324	4291	MAT-07348	5205	MAT-07372	6197
	OD 355 mm	MAT-07275	3474	MAT-07300	4397	MAT-07325	5303	MAT-07349	6410	MAT-07373	7932
	OD 400 mm	MAT-07276	4554	MAT-07301	5758	MAT-07326	6932	MAT-07350	9030	MAT-07374	10254
	OD 450 mm	MAT-07277	5670	MAT-07302	7184	MAT-07327	8666	MAT-07351	11418	MAT-07375	12955
	OD 500 mm	MAT-07278	7005	MAT-07303	8862	MAT-07328	10692	MAT-07352	14107	MAT-07376	16078
	OD 560 mm	MAT-07279	8171	MAT-07304	10333	MAT-07329	12400	MAT-07353	15882		
	OD 630 mm	MAT-07280	10301	MAT-07305	13072	MAT-07330	15708	MAT-07354	18876		
	OD 710 mm	MAT-07281	13118	MAT-07306	16574	MAT-07331	19952				
	OD 800 mm	MAT-07282	16638	MAT-07307	21046	MAT-07332	25414				

	OD 900 mm	MAT-07283	21077	MAT-07308	26642						
	OD 1000 mm	MAT-07284	26002								

Note: Reliance Industries Resin cost adopted for the above rates are
For PE - 100 grade Rs.1,04,824/-per MT. (Excluding all taxes).
The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.
P2 = P1 + (A2 - A1) /1000 x M x 0.95(for increase in raw material cost)
P2 = P1 - (A1 - A2) /1000 x M x 0.95(for decrease in raw material cost)
P2 = Revised pipe price in Rs. per Meter (Excluding all taxes).
P1 = Existing pipe price in Rs. per Meter (Excluding all taxes).
A2 = Revised price of raw material Rs. per MT excluding all taxes
A1 = Existing price of raw material Rs. per MT excluding all taxes
M = Weight of pipe in Kg's per Meter as per weight chart.

The above formula for calculation of revised cost to be used for preparation of Estimates only.

17.HDPE PIPES – (PE –100 Grade) SEWER LINES FOR THE YEAR 2026-27

S. No	Description	6.0 kg/ sqcm		8.0 kg/ sqcm		10.0 kg/ sqcm		12.5 kg/ sqcm		16.0 kg/ sqcm	
1	Manufacture, Supply, & Delivery of HDPE Pipes are conforming to IS 14333 - 2000 for using underground drainage and sewerage systems including transportation to anywhere in A.P, excluding all taxes (Supply up to 90 mm drain coil & above 90 mm dia. straight length)										
		Code	Rate per Meter	Code	Rate per Meter	Code	Rate per Meter	Code	Rate per Meter	Code	Rate per Meter
	OD 63mm	MAT-07377	122	MAT-07400	153	MAT-07420	185	MAT-07439	219	MAT-07456	264
	OD 75 mm	MAT-07378	173	MAT-07401	221	MAT-07421	264	MAT-07440	314	MAT-07457	374
	OD 90 mm	MAT-07379	245	MAT-07402	315	MAT-07422	374	MAT-07441	444	MAT-07458	539
	OD 110 mm	MAT-07380	355	MAT-07403	449	MAT-07423	536	MAT-07442	643	MAT-07459	768
	OD 125 mm	MAT-07381	454	MAT-07404	580	MAT-07424	694	MAT-07443	822	MAT-07460	993
	OD 140 mm	MAT-07382	569	MAT-07405	722	MAT-07425	870	MAT-07444	1036	MAT-07461	1247
	OD 160 mm	MAT-07383	739	MAT-07406	943	MAT-07426	1135	MAT-07445	1315	MAT-07462	1622
	OD 180 mm	MAT-07384	932	MAT-07407	1197	MAT-07427	1435	MAT-07446	1705	MAT-07463	2052
	OD 200 mm	MAT-07385	1155	MAT-07408	1476	MAT-07428	1769	MAT-07447	2112	MAT-07464	2529
	OD 225 mm	MAT-07386	1457	MAT-07409	1860	MAT-07429	2238	MAT-07448	2662	MAT-07465	3205
	OD 250 mm	MAT-07387	1798	MAT-07410	2302	MAT-07430	2761	MAT-07449	3286	MAT-07466	3948
	OD 280 mm	MAT-07388	2247	MAT-07411	2879	MAT-07431	3443	MAT-07450	4132	MAT-07467	4959
	OD 315 mm	MAT-07389	2845	MAT-07412	3646	MAT-07432	4446	MAT-07451	5214	MAT-07468	6269
	OD 355 mm	MAT-07390	3604	MAT-07413	4617	MAT-07433	5555	MAT-07452	6629	MAT-07469	7953
	OD 400 mm	MAT-07391	4758	MAT-07414	6090	MAT-07434	7311	MAT-07453	8717	MAT-07470	10453
	OD 450 mm	MAT-07392	6005	MAT-07415	7703	MAT-07435	9259	MAT-07454	11014		
	OD 500 mm	MAT-07393	7424	MAT-07416	9497	MAT-07436	11419	MAT-07455	13612		
	OD 560 mm	MAT-07394	9282	MAT-07417	11902	MAT-07437	14327				
	OD 630 mm	MAT-07395	11753	MAT-07418	15065	MAT-07438	18099				
	OD 710 mm	MAT-07396	15210	MAT-07419	19487						
	OD 800 mm	MAT-07397	19299								
	OD 900 mm	MAT-07398	24443								
	OD 1000 mm	MAT-07399	30199								

Note: Reliance Industries Resin cost adopted for the above rates are
For PE - 100 grade Rs.1,04,824/-per MT. (Excluding all taxes).
The variation in cost of HDPE pipes due to increase / decrease in raw material cost shall be allowed as per the following price variation formula.

P2 = P1 + (A2 - A1) /1000 x M x 0.95(for increase in raw material cost)
P2 = P1 - (A1 - A2) /1000 x M x 0.95(for decrease in raw material cost)
P2 = Revised pipe price in Rs. per Meter excluding all taxes
P1 = Existing pipe price in Rs. per Meter excluding all taxes
A2 = Revised price of raw material Rs. per MT excluding all taxes
A1 = Existing price of raw material Rs. per MT excluding all taxes
M = Weight of pipe in Kgs per Meter as per weight chart.

The above formula for calculation of revised cost to be used for preparation of Estimates only.

18. S o R FOR H.D.P.E- (PE –100 Grade) FITTINGS FOR THE YEAR 2026-27.

I	Manufacture, Supply, & Delivery of HDPE (PE –100 Grade) fittings conforming to IS 4984 - 2016 including transportation to anywhere in A.P. Excluding all taxes.		
I (a)	PIPE ENDS LONG NECK	Code	Rate per Each
	OD 50 mm	MAT-07471	**93**
	OD 63 mm	MAT-07472	**118**
	OD 75 mm	MAT-07473	**141**
	OD 90 mm	MAT-07474	**198**
	OD 110 mm	MAT-07475	**274**
	OD 125 mm	MAT-07476	**491**
	OD 140 mm	MAT-07477	**568**
	OD 160 mm	MAT-07478	**645**
	OD 180 mm	MAT-07479	**982**
	OD 200 mm	MAT-07480	**1262**
	OD 225 mm	MAT-07481	**1449**
	OD 250 mm	MAT-07482	**1698**
	OD 280 mm	MAT-07483	**1896**
	OD 315 mm	MAT-07484	**2186**
	OD 355 mm	MAT-07485	**4570**
	OD 400 mm	MAT-07486	**6090**
	OD 450 mm	MAT-07487	**10132**
	OD 500 mm	MAT-07488	**11277**
(b)	MS FLANGES	Code	Rate per Each
	OD 50 mm	MAT-07489	**114**
	OD 63 mm	MAT-07490	**143**
	OD 75 mm	MAT-07491	**184**
	OD 90 mm	MAT-07492	**198**
	OD 110 mm	MAT-07493	**208**
	OD 125 mm	MAT-07494	**286**
	OD 140 mm	MAT-	**311**

		07495	
	OD 160 mm	MAT-07496	**406**
	OD 180 mm	MAT-07497	**573**
	OD 200 mm	MAT-07498	**741**
	OD 225 mm	MAT-07499	**930**
	OD 250 mm	MAT-07500	**1099**
	OD 280 mm	MAT-07501	**1243**
	OD 315 mm	MAT-07502	**1465**
	OD 355 mm	MAT-07503	**2480**
	OD 400 mm	MAT-07504	**3075**
	OD 450 mm	MAT-07505	**4015**
	OD 500 mm	MAT-07506	**4597**
(c)	END CAPS	Code	Rate per Each
	OD 50 mm	MAT-07507	**69**
	OD 63 mm	MAT-07508	**81**
	OD 75 mm	MAT-07509	**102**
	OD 90 mm	MAT-07510	**136**
	OD 110 mm	MAT-07511	**154**
	OD 125 mm	MAT-07512	**216**
	OD 140 mm	MAT-07513	**252**
	OD 160 mm	MAT-07514	**384**
	OD 180 mm	MAT-07515	**623**
	OD 200 mm	MAT-07516	**682**
	OD 225 mm	MAT-07517	**709**
	OD 250 mm	MAT-07518	**1009**
	OD 280 mm	MAT-07519	**1034**
	OD 315 mm	MAT-07520	**1409**
	OD 355 mm	MAT-07521	**2179**
	OD 400 mm	MAT-07522	**3804**
	OD 450 mm	MAT-07523	**6118**

	OD 500 mm	MAT-07524	**11277**
(d)	REDUCERS	Code	Rate per Each
	OD 50 mm x 63 mm	MAT-07525	**93**
	OD 63 mm x 75 mm	MAT-07526	**136**
	OD 75 mm x 90 mm	MAT-07527	**224**
	OD 90 mm x 110 mm	MAT-07528	**308**
	OD 110 mm x 125 mm	MAT-07529	**469**
	OD 125 mm x 140 mm	MAT-07530	**651**
	OD 140 mm x 160 mm	MAT-07531	**908**
	OD 160 mm x 180 mm	MAT-07532	**1255**
	OD 180 mm x 200 mm	MAT-07533	**1623**
	OD 200 mm x 225 mm	MAT-07534	**1992**
	OD 225 mm x 250 mm	MAT-07535	**2715**
	OD 250 mm x 280 mm	MAT-07536	**3856**
	OD 280 mm x 315 mm	MAT-07537	**5453**
	OD 315 mm x 355 mm	MAT-07538	**6256**
	OD 355 mm x 400 mm	MAT-07539	**8826**
	OD 400 mm x 450 mm	MAT-07540	**9155**
	OD 450 mm x 500 mm	MAT-07541	**11738**

(e)	TEES	Code	Rate per Each
	OD 50 mm	MAT-07542	**130**
	OD 63 mm	MAT-07543	**207**
	OD 75 mm	MAT-07544	**252**
	OD 90 mm	MAT-07545	**440**
	OD 110 mm	MAT-07546	**521**
	OD 125 mm	MAT-07547	**785**
	OD 140 mm	MAT-07548	**1083**
	OD 160 mm	MAT-07549	**1866**
	OD 180 mm	MAT-07550	**2529**
	OD 200 mm	MAT-07551	**3482**
	OD 225 mm	MAT-07552	**4945**
	OD 250 mm	MAT-07553	**6770**

	OD 280 mm	MAT-07554	**9481**
	OD 315 mm	MAT-07555	**13509**
	OD 355 mm	MAT-07556	**19265**
	OD 400 mm	MAT-07557	**28217**
	OD 450 mm	MAT-07558	**40080**
	OD 500 mm	MAT-07559	**55045**
(f)	BENDS	Code	Rate per Each
	OD 50 mm	MAT-07560	**81**
	OD 63 mm	MAT-07561	**183**
	OD 75 mm	MAT-07562	**237**
	OD 90 mm	MAT-07563	**404**
	OD 110 mm	MAT-07564	**534**
	OD 125 mm	MAT-07565	**790**
	OD 140 mm	MAT-07566	**1040**
	OD 160 mm	MAT-07567	**1551**
	OD 180 mm	MAT-07568	**2227**
	OD 200 mm	MAT-07569	**3015**
	OD 225 mm	MAT-07570	**4280**
	OD 250 mm	MAT-07571	**5865**
	OD 280 mm	MAT-07572	**8455**
	OD 315 mm	MAT-07573	**11694**
	OD 355 mm	MAT-07574	**16210**
	OD 400 mm	MAT-07575	**24453**
	OD 450 mm	MAT-07576	**35948**
	OD 500 mm	MAT-07577	**48734**
II	Providing and Fixing electro Fusion Ferrule Tapping saddle manufactured from virgin resin of PE-80/PE-100 having blue/black color using food grade compounded raw material with quality assurance certificate from quality agencies like CIPET etc. For usage in drinking water system and having working pressure of 10 bar. The cost shall include testing of all materials, labor, inspection charges, transportation up to site, transit insurance, loading, unloading, stacking, providing and fixing etc. Complete as specified and directed by the Departmental Engineers, but excluding of all taxes.		
	SIZE	Code	Rate Each
	(Main pipe outer diameter in mm & Tapping size in Inches)		
	63x1/2”	MAT-07578	253
	63 x3/4”	MAT-07579	294
	63 x1”	MAT-07580	338
	75 x1/2”	MAT-07582	266

	75 x3/4”	MAT-07583	306
	75 x1	MAT-07584	336
	90 x1/2”	MAT-07585	280
	90 x3/4”	MAT-07586	318
	90 x1”	MAT-07587	348
	90 x 1 1/4”	MAT-07588	348
	90 x 1 1/2”	MAT-07589	348
	90 x2”	MAT-07590	348
	110x1/2”	MAT-07591	280
	110 x3/4”	MAT-07592	318
	110 x1”	MAT-07593	348
	110 x 1 1/4”	MAT-07594	348
	110x1 1/2”	MAT-07595	348
	110x2”	MAT-07596	348
	160 x1/2”	MAT-07597	294
	160 x3/4”	MAT-07598	342
	160 x1”	MAT-07599	372
	160 x 1 1/4”	MAT-07600	372
	160 x 1 1/2”	MAT-07601	372
	160 x 2”	MAT-07602	372
	200 x 1/2”	MAT-07603	294
	200 x 3/4”	MAT-07604	355
	200 x 1”	MAT-07605	385
	200 x 1 1/4”	MAT-07606	385
	200 x 2”	MAT-07607	385
	250 x 1/2”	MAT-07608	372
	250 x3/4”	MAT-07609	408
	250 x1”	MAT-07610	444
	250 x 1 1/4”	MAT-07611	444
	250 x1 1/2”	MAT-07612	444
	250 x 2”	MAT-07613	444
	315 x 1/2”	MAT-07614	396
	315 x3/4”	MAT-07615	432
	315x1”	MAT-07616	492
	315x1 1/4”	MAT-07617	492
	315x1 1/2”	MAT-07618	492
	315x2”	MAT-07619	492

19. S o R FOR Double Wall Corrugated (DWC) Pipes FOR THE YEAR 2026-27

S. No.	Description	Unit	Code	SoR RATES 2026-27
1	2	3	4	5
I	Manufacture, supply, & delivery of (DWC) structured wall polyethylene/polypropylene piping system with non smooth external annular corrugated and smooth internal surface (Double Wall) for non pressure sewage & Drainage application pipes of standard length 6 m, grade conforming to IS 16098 (part-II: 2013) including transportation to anywhere in A.P, excluding all taxes.	Meter		
	Inner Dia. (mm)			
	Stiffness Class SN-8			
	100		MAT-07620	165
	135		MAT-07621	270
	150		MAT-07622	320
	170		MAT-07623	385
	200		MAT-07624	530
	250		MAT-07625	825
	300		MAT-07626	1120
	400		MAT-07627	1870
	500		MAT-07628	2900
	600		MAT-07629	4850
	800		MAT-07630	8200
	1000		MAT-07631	13200

S. No.	Description	Unit	Code	SoR RATES 2026-27
1	2	3	4	5
II	Laying of SN8 structured wall (External Annular Corrugated & Smooth Internal surface) Polythelene pipes, on the lower bedding (Constructed at bottom of trenches) at prescribed gradient, depth & alignment including installation and jointing of the same with the help of coupler (on line/ off line) attached to one end of the pipe & sliding the coupler end over the elastomeric sealing rubber ring fitted on the specified valley of the spigot end of next pipe, testing the water tightness of the joint assembly, ensuring the continuity tests of specified pipe segments etc. complete as per	Meter		

	drawing, specifications & detail engineering, including carriage of pipes & fittings from site stacks to the place of laying etc. as per direction of Engineer-in-charge. (Payment to be made on the basis of actual finished length of pipe line).			
	Inner Dia. (mm)			
	Stiffness Class SN-8			
	100			44
	135			68
	150			81
	170			97
	200			133
	250			209
	300			277
	400			501
	500			730
	600			1259
	800			2086
	1000			3377

III	Manufacture, supply, & delivery of fittings & accessories compatible with DWC pipe - non smooth External Annular Corrugated and smooth Internal Surfaces (Double Wall) for non-pressure or similar type of class SN8 Structured Wall polyethylene piping systems including transportation to anywhere in A.P, excluding GST and other Government duties.		
	Inner Dia. (mm)		
(a)	**Coupler**	Code	Rate per Each
	100		68
	135		114
	150		129
	170		157
	200		212
	250		902
	300		1313
	400		1952
	500		3823
	600		4950
	800		10492
	1000		13790
(b)	**Sealing Ring**	Code	Rate per Each
	100		21
	135		27
	150		32
	170		46
	200		83

	250		182
	300		466
	400		720
	500		1,097
	600		2,429
	800		5,847
	1000		8,244

20. SoR FOR PVC PIPES FOR THE YEAR 2026-27

S No.	Description	TEST PRESSURE					
		4.0 Kgs/cm²		6 Kgs/cm²		10 Kgs/cm²	
1	Manufacture, Supply and Delivery of Unplasticised PVCs Pipes for potable water supplies conforming to IS : 4985/2000 (3rd revision) with bell ends (Socket) as per specification in light Grey/Natural Ivory Grey/ Any other Color (except White) inclusive of transportation to the sub-divisional stores anywhere in AP excluding all taxes.						
	DIA. IN MM	Code	Rate/ Meter	Code	Rate/Meter	Code	Rate/Meter
	20					MAT-07664	**17**
	25					MAT-07665	**26**
	32					MAT-07666	**39**
	40			MAT-07647	**38**	MAT-07667	**59**
	50			MAT-07648	**55**	MAT-07668	**93**
	63	MAT-07632	**61**	MAT-07649	**88**	MAT-07669	**130**
	75	MAT-07633	**87**	MAT-07650	**119**	MAT-07670	**190**
	90	MAT-07634	**120**	MAT-07651	**172**	MAT-07671	**268**
	110	MAT-07635	**174**	MAT-07652	**250**	MAT-07672	**402**
	125	MAT-07636	**229**	MAT-07653	**320**	MAT-07673	**524**
	140	MAT-07637	**286**	MAT-07654	**411**	MAT-07674	**650**
	160	MAT-07638	**376**	MAT-07655	**532**	MAT-07675	**853**
	180	MAT-07639	**480**	MAT-07656	**685**	MAT-07676	**1092**
	200	MAT-07640	**582**	MAT-07657	**835**	MAT-07677	**1330**
	225	MAT-07641	**778**	MAT-07658	**1125**	MAT-07678	**1789**
	250	MAT-07642	**905**	MAT-07659	**1368**	MAT-07679	**2166**
	280	MAT-07643	**1175**	MAT-07660	**1726**	MAT-07680	**2729**
	315	MAT-07644	**1491**	MAT-07661	**2188**	MAT-07681	**3454**
	355	MAT-07645	**1962**	MAT-07662	**2846**		
	400	MAT-07646	**2474**	MAT-07663	**3623**		

Note:
The resin cost adopted for the above rates is Rs.77,386/- per MT (excluding all taxes)
The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.
The price variation formula to be adopted is as follows:
P2 = P1 + (A2 - A1) /1000 x M x 0.95 (for increase in raw material cost)
P2 = P1 - (A1 - A2) /1000 x M x 0.95 (for decrease in raw material cost)
P2 = Revised pipe price in Rs. Per Meter, P1 = Existing pipe price in Rs. Per Meter
A2 = Revised price of raw material Rs. Per MT,
A1 = Existing price of raw material Rs. Per MT
M = Weight of pipe in Kgs per Meter as per weight chart.

The above formula for calculation of revised cost to be used for preparation of Estimates only.

21. SoR FOR NON- PRESSURE P.V.C.U PIPES FOR THE YEAR 2026-27

S. No	Description		
1	Manufacture, Supply, & Delivery of Unplasticised Non-pressure polyvinyl chloride (PVC-U) pipes of dark (any shade of brown) for use in underground drainage & sewerage system conforming to IS 15328/2003) **with solvent cement jointing** as per specification inclusive of transportation to the sub-divisional stores anywhere in A.P, excluding all taxes		
	Pipe Series (S25)	Code	Rate per Meter
	OD 160 mm	MAT-07682	**319**
	OD 200 mm	MAT-07683	**485**
	OD 250mm	MAT-07684	**751**
	OD 315 mm	MAT-07685	**1186**
	Pipe Series (S20)		
	OD 125 mm	MAT-07686	**245**
	OD 160 mm	MAT-07687	**395**
	OD 200 mm	MAT-07688	**600**
	OD 250mm	MAT-07689	**934**
	OD 315 mm	MAT-07690	**1464**
	Pipe Series (S16.5)		
	OD 110 mm	MAT-07691	**218**
	OD 125 mm	MAT-07692	**293**
	OD 160 mm	MAT-07693	**459**
	OD 200 mm	MAT-07694	**713**
	OD 250mm	MAT-07695	**1105**
	OD 315 mm	MAT-07696	**1743**

Note: The resin cost adopted for the above rates is Rs.77,386/- per MT (Excluding all taxes). The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.

The price variation formula to be adopted is as follows:

P2 = P1 + (A2 - A1) /1000 x M x 0.95 (for increase in raw material cost)

P2 = P1 - (A1 - A2) /1000 x M x 0.95 (for decrease in raw material cost)

P2 = Revised pipe price in Rs. per Meter

P1 = Existing pipe price in Rs. per Meter

A2 = Revised price of raw material Rs. per MT

A1 = Existing price of raw material Rs. per MT

M = Weight of pipe in Kg's per Meter as per weight chart.

The above formula for calculation of revised cost to be used for preparation of Estimates only.

22. SoR FOR NON- PRESSURE P.V.C.U PIPES FOR THE YEAR 2026-27

S. No	Description		
1	Manufacture, supply, & delivery of un-plasticized Non-Pressure Polyvinyl Chloride (PVC-U) pipes of dark (any shade of Brown) for use in underground drainage & sewerage system conforming to IS 15328/2003) **with Elastomeric Seal Ring Joints** (Ringtite PVC Pipes) as per specification inclusive of transportation to the Sub-Divisional stores anywhere in A.P, excluding all taxes		
	Pipe Series (S25)	Code	Rate per Meter
	OD 160 mm	MAT-07697	**341**
	OD 200 mm	MAT-07698	**516**
	OD 250mm	MAT-07699	**801**
	OD 315 mm	MAT-07700	**1264**
	Pipe Series (S20)		
	OD 125 mm	MAT-07701	**265**
	OD 160 mm	MAT-07702	**417**
	OD 200 mm	MAT-07703	**636**
	OD 250mm	MAT-07704	**991**
	OD 315 mm	MAT-07705	**1558**
	Pipe Series (S16.5)		
	OD 110 mm	MAT-07706	**232**
	OD 125 mm	MAT-07707	**311**
	OD 160 mm	MAT-07708	**489**
	OD 200 mm	MAT-07709	**752**
	OD 250mm	MAT-07710	**1170**
	OD 315 mm	MAT-07711	**1848**

Note: The resin cost adopted for the above rates isRs.77,386/- per MT (Excluding all taxes).
The variation in cost of PVC pipes due to increase / decrease in raw material cost shall be allowed subject to the following price variation formula.
The price variation formula to be adopted is as follows:
P2 = P1 + (A2 - A1) /1000 x M x 0.95 (for increase in raw material cost)
P2 = P1 - (A1 - A2) /1000 x M x 0.95 (for decrease in raw material cost)
P2 = Revised pipe price in Rs. per Meter
P1 = Existing pipe price in Rs. per Meter
A2 = Revised price of raw material Rs. per MT
A1 = Existing price of raw material Rs. per MT
M = Weight of pipe in Kg's per Meter as per weight chart.
The above formula for calculation of revised cost to be used for preparation of Estimates only.

23. SoR FOR CENTRIFUGALLY CAST (SPUN)IRON PRESSURE PIPES

S No	Description	Unit	S.S. Rates for 2026-27					
I	Socket and Spigot Centrifugally Cast (Spun) Iron pressure pipes for water, Gas and Sewage conforming to specification No: IS 1536/1989 (third revision) with amdt. No: 1 & 2 in standard lengths of 3.66 m, 4 m, 4.5m, 5 m, 5.5 m & 6 m and details given below, suitable either for lead jointing or rubber gasket (push on) jointing at purchasers option at ex-factory excluding transportation and all taxes.							
	Nominal dia. (in MM)		Code	LA Class	Code	A Class	Code	B Class
	80	Rmt	MAT-07712	**1110**	MAT-07729	**1207**	MAT-07746	**1289**
	100	Rmt	MAT-07713	**1373**	MAT-07730	**1513**	MAT-07747	**1615**
	125	Rmt	MAT-07714	**1776**	MAT-07731	**1942**	MAT-07748	**2087**
	150	Rmt	MAT-07715	**2158**	MAT-07732	**2365**	MAT-07749	**2541**
	200	Rmt	MAT-07716	**3155**	MAT-07733	**3422**	MAT-07750	**3695**
	250	Rmt	MAT-07717	**4252**	MAT-07734	**4629**	MAT-07751	**4994**
	300	Rmt	MAT-07718	**5483**	MAT-07735	**5994**	MAT-07752	**6479**
	350	Rmt	MAT-07719	**6908**	MAT-07736	**7492**	MAT-07753	**8106**
	400	Rmt	MAT-07720	**8406**	MAT-07737	**9186**	MAT-07754	**9893**
	450	Rmt	MAT-07721	**10138**	MAT-07738	**11137**	MAT-07755	**11983**
	500	Rmt	MAT-07722	**11866**	MAT-07739	**12928**	MAT-07756	**13950**
	600	Rmt	MAT-07723	**15814**	MAT-07740	**17264**	MAT-07757	**18653**
	700	Rmt	MAT-07724	**20411**	MAT-07741	**22297**	MAT-07758	**24025**
	750	Rmt	MAT-07725	**22856**	MAT-07742	**24991**	MAT-07759	**27041**
	800	Rmt	MAT-07726	**25586**	MAT-07743	**27879**	MAT-07760	**30079**
	900	Rmt	MAT-07727	**31166**	MAT-07744	**34003**	MAT-07761	**36748**
	1000	Rmt	MAT-07728	**37441**	MAT-07745	**40902**	MAT-07762	**44078**
II	Conveyance of Centrifugally Cast (Spun) Iron Pressure Pipes and accessories including loading at Factory, un-loading at site and stacking for the following sizes. (The Minimum distance/lead in Km for destination below 100 Km to be taken as 100 Km)							
	SIZE IN MM UNIT		LA		A		B	

	80 Per KM/RMT		**0.36**	**0.36**	**0.36**
	100 Per KM/RMT		**0.36**	**0.36**	**0.36**
	125 Per KM/RMT		**0.54**	**0.54**	**0.54**
	150 Per KM/RMT		**0.54**	**0.54**	**0.54**
	200 Per KM/RMT		**0.91**	**0.91**	**0.91**
	250 Per KM/RMT		**1.09**	**1.09**	**1.09**
	300 Per KM/RMT		**1.43**	**1.43**	**1.43**
	350 Per KM/RMT		**1.98**	**1.98**	**1.98**
	400 Per KM/RMT		**2.33**	**2.33**	**2.33**
	450 Per KM/RMT		**2.70**	**2.70**	**2.70**
	500 Per KM/RMT		**3.23**	**3.23**	**3.23**
	600 PerKM/RMT		**3.23**	**3.23**	**3.23**
	700 Per KM/RMT		**3.23**	**3.23**	**3.23**
	750 Per KM/RMT		**5.38**	**5.38**	**5.38**
	800 Per KM/RMT		**9.16**	**9.16**	**9.16**
	900 Per KM/RMT		**9.16**	**9.16**	**9.16**
	1000 PerKM/RMT		**9.16**	**9.16**	**9.16**

Note: Price Variation Formula due to Increase / Decrease in the cost of pig iron.
P2=P1+ (R2-R1)/1000*M*1.0
Where M= Weight of pipe in kg per Meter.
P2 = Revised rate of pipe in Rs. per Rmt
P1 = Rate of pipe in Rs. per Rmt as per above table.
R2 = Price of Pig Iron (Rs per MT excluding all taxes) at the time of preparation of estimate.
R1 = Price of Pig Iron (Rs per MT excluding all taxes) at the time of preparation of SSR =Rs. 49,000/-
The above formula for calculation of revised cost to be used for preparation of Estimates only.

24.S o R FOR DUCTILE IRON PRESSURE PIPES FOR THE YEAR 2026-27

S No.	Description	Unit	Class of Pipe			
1	Centrifugally cast (Spun) Ductile Iron pressure pipes for water, gas and sewage with Socket Spigot ends conforming to IS.: 8329/2000 in standard working lengths of 4, 5 5.5 & 6 meter for classification K9 & K7 suitable for push-on-joint (rubber gasket d jointing) with cement mortar lining inside the pipes with outside zinc coating. Rates are ex-factory, excluding transportation and all taxes.					
	Nominal Dia. in mm	**Rmt**	**Code**	**K7**	**Code**	**K9**
	80	Rmt		**943**		**1116**
	100	Rmt	MAT-07763	**1121**	MAT-07778	**1342**
	150	Rmt	MAT-07764	**1619**	MAT-07779	**2001**
	200	Rmt	MAT-07765	**2197**	MAT-07780	**2665**
	250	Rmt	MAT-07766	**2921**	MAT-07781	**3530**
	300	Rmt	MAT-07767	**3727**	MAT-07782	**4503**
	350	Rmt	MAT-07768	**4745**	MAT-07783	**5652**
	400	Rmt	MAT-07769	**5689**	MAT-07784	**6742**
	450	Rmt	MAT-07770	**6865**	MAT-07785	**8128**
	500	Rmt	MAT-07771	**8088**	MAT-07786	**9374**
	600	Rmt	MAT-07772	**10777**	MAT-07787	**12426**
	700	Rmt	MAT-07773	**13707**	MAT-07788	**15702**
	750	Rmt	MAT-07774	**15486**	MAT-07789	**17797**
	800	Rmt	MAT-07775	**17018**	MAT-07790	**19391**
	900	Rmt	MAT-07776	**20938**	MAT-07791	**23805**
	1000	Rmt	MAT-07777	**24702**	MAT-07792	**28028**
	1100	Rmt			MAT-07793	**30628**
	1200	Rmt			MAT-07794	**35778**
2	Centrifugally cast (Spun) Ductile Iron pressure pipes for water, gas and sewage with plain ends conforming to IS:8329/2000in standard working lengths of 4, 5, 5.5 & 6 meter for classification K9 & K7 with cement mortar lining inside the pipes with outside zinc coating. Rates are ex-factory, excluding transportation and all taxes.					
	Nominal Dia. in mm		Code	K7	Code	K9
	100	Rmt	MAT-07795	**969**	MAT-07810	**1230**
	150	Rmt	MAT-07796	**1431**	MAT-07811	**1821**
	200	Rmt	MAT-07797	**1965**	MAT-07812	**2466**
	250	Rmt	MAT-07798	**2559**	MAT-07813	**3269**
	300	Rmt	MAT-07799	**3365**	MAT-07814	**4167**
	350	Rmt	MAT-07800	**4237**	MAT-07815	**5180**
	400	Rmt	MAT-07801	**5111**	MAT-07816	**6238**

S No.	Description	Unit	Class of Pipe			
	450	Rmt	MAT-07802	**6095**	MAT-07817	**7379**
	500	Rmt	MAT-07803	**7253**	MAT-07818	**8771**
	600	Rmt	MAT-07804	**9584**	MAT-07819	**11355**
	700	Rmt	MAT-07805	**12588**	MAT-07820	**14400**
	750	Rmt	MAT-07806	**14059**	MAT-07821	**16096**
	800	Rmt	MAT-07807	**15568**	MAT-07822	**17786**
	900	Rmt	MAT-07808	**18841**	MAT-07823	**21488**
	1000	Rmt	MAT-07809	**22379**	MAT-07824	**25568**
	1100	Rmt			MAT-07825	**27668**
	1200	Rmt			MAT-07826	**29601**

3	Centrifugally cast (Spun) Ductile Iron pressure pies with flanged (welded) ends for water, gas, sewage conforming to IS: 8329/2000 in standard working lengths of 1,2,3, 4, 5 mts for classification K9 with cement mortar lining inside the pipes with outside zinc coating. Rates are ex-factory, excluding transportation and all taxes.

	Nominal Dia. in mm	Unit	Code	1.0 Mt. Length	Code	2.0 Mt. Length	Code	3.0 Mt. Length	Code	4.0 Mt. Length	Code	5.0 Mt. Length
	80	Each		**3487**		**4497**		**5469**		**6318**		**8681**
	100	Each	MAT-07827	**3850**	MAT-07842	**5011**	MAT-07857	**6168**	MAT-07872	**7329**	MAT-07887	**9690**
	150	Each	MAT-07828	**6163**	MAT-07843	**8334**	MAT-07858	**8984**	MAT-07873	**9590**	MAT-07888	**13324**
	200	Each	MAT-07829	**8212**	MAT-07844	**11047**	MAT-07859	**11667**	MAT-07874	**12802**	MAT-07889	**17484**
	250	Each	MAT-07830	**10737**	MAT-07845	**14709**	MAT-07860	**16277**	MAT-07875	**17244**	MAT-07890	**23704**
	300	Each	MAT-07831	**13800**	MAT-07846	**18854**	MAT-07861	**21440**	MAT-07876	**22421**	MAT-07891	**30529**
	350	Each	MAT-07832	**17768**	MAT-07847	**23101**	MAT-07862	**28672**	MAT-07877	**33350**	MAT-07892	**41020**
	400	Each	MAT-07833	**24099**	MAT-07848	**31246**	MAT-07863	**38553**	MAT-07878	**41616**	MAT-07893	**49979**
	450	Each	MAT-07834	**28462**	MAT-07849	**37796**	MAT-07864	**46552**	MAT-07879	**52220**	MAT-07894	**61534**
	500	Each	MAT-07835	**31940**	MAT-07850	**41900**	MAT-07865	**51909**	MAT-07880	**61661**	MAT-07895	**71876**
	600	Each	MAT-07836	**41839**	MAT-07851	**54249**	MAT-07866	**67208**	MAT-**07881**	**79477**	MAT-07896	**92555**
	700	Each	MAT-07837	**52414**	MAT-07852	**68795**	MAT-07867	**84390**	MAT-07882	**100657**	MAT-07897	**113085**
	800	Each	MAT-07838	**64724**	MAT-07853	**83465**	MAT-07868	**103680**	MAT-07883	**121864**	MAT-07898	**140716**
	900	Each	MAT-07839	**80389**	MAT-07854	**103387**	MAT-07869	**125408**	MAT-07884	**149078**	MAT-07899	**171077**
	1000	Each	MAT-07840	**98130**	MAT-07855	**127208**	MAT-07870	**153954**	MAT-07885	**181513**	MAT-07900	**209528**
	1100	Each	MAT-07841	**139460**	MAT-07856	**178082**	MAT-07871	**212480**	MAT-07886	**236640**	MAT-07901	**269737**

4	Conveyance of Ductile Iron Pressure Pipes and accessories including loading at Factory, un-loading at site and stacking for the following sizes	Class		Welded Double Flanged Pipes
	SIZE IN MM **UNIT**	**K7**	**K9**	**K9**
	80 Per KM/RMT	**0.24**	**0.24**	**0.37**
	100 Per KM/RMT	**0.28**	**0.28**	**0.43**

	150	Per KM/RMT	**0.43**	**0.43**	**0.56**
	200	Per KM/RMT	**0.43**	**0.56**	**0.85**
	250	Per KM/RMT	**0.56**	**0.71**	**1.13**
	300	Per KM/RMT	**0.85**	**0.85**	**1.42**
	350	Per KM/RMT	**1.00**	**1.13**	**1.71**
	400	Per KM/RMT	**1.13**	**1.28**	**1.99**
	450	Per KM/RMT	**1.42**	**1.56**	**2.42**
	500	Per KM/RMT	**1.71**	**1.85**	**2.83**
	600	Per KM/RMT	**2.42**	**2.42**	**3.69**
	700	Per KM/RMT	**3.55**	**3.55**	**5.41**
	750	Per KM/RMT	**4.27**	**4.27**	**6.52**
	800	Per KM/RMT	**7.24**	**7.24**	**10.79**
	900	Per KM/RMT	**7.24**	**7.24**	**10.79**
	1000	Per KM/RMT	**7.24**	**7.24**	**10.79**
	1100	Per KM/RMT	**7.24**	**7.24**	**10.79**
	1200	Per KM/RMT	**7.75**	**7.75**	
5	Supply and Delivery of Polyethylene (PE) Sleeves for Ductile Iron Pipes used to guard the pipe against corrosion.				
	DIA. IN MM				
	100 MM DIA.	RMT	MAT-07902	47	
	150 MM DIA.	RMT	MAT-07903	58	
	200 MM DIA.	RMT	MAT-07904	74	
	250 MM DIA.	RMT	MAT-07905	85	
	300 MM DIA.	RMT	MAT-07906	93	
	350 MM DIA.	RMT	MAT-07907	105	
	400 MM DIA.	RMT	MAT-07908	147	
	450 MM DIA.	RMT	MAT-07909	147	
	500 MM DIA.	RMT	MAT-07910	177	
	600 MM DIA.	RMT	MAT-07911	177	
	700 MM DIA.	RMT	MAT-07912	231	
	750 MM DIA.	RMT	MAT-07913	231	
	800 MM DIA.	RMT	MAT-07914	231	
	900 MM DIA.	RMT	MAT-07915	263	
	1000 MM DIA.	RMT	MAT-07916	263	
	1100 MM DIA.	RMT	MAT-07917	323	
6	Additional price for HAC(high alumina cement mortar lining)				
	DIA. IN MM				
	100 MM DIA.	RMT	MAT-07918	80	

	150 MM DIA.	RMT	MAT-07919	106
	200 MM DIA.	RMT	MAT-07920	130
	250 MM DIA.	RMT	MAT-07921	155
	300 MM DIA.	RMT	MAT-07922	166
	350 MM DIA.	RMT	MAT-07923	188
	400 MM DIA.	RMT	MAT-07924	259
	450 MM DIA.	RMT	MAT-07925	259
	500 MM DIA.	RMT	MAT-07926	319
	600 MM DIA.	RMT	MAT-07927	319
	700 MM DIA.	RMT	MAT-07928	409
	750 MM DIA.	RMT	MAT-07929	409
	800 MM DIA.	RMT	MAT-07930	409
	900 MM DIA.	RMT	MAT-07931	467
	1000 MM DIA.	RMT	MAT-07932	467
	1100 MM DIA.	RMT	MAT-07933	467
	1200 MM DIA.	RMT	MAT-07934	467

Note: Price Variation Formula due to Increase / Decrease in the cost of pig iron.
P2=P1+ (R2-R1)/1000*M*0.96,
Where
M = Weight of pipe in kg per Meter as per I.S.8329-2000.
P2 = Revised rate of pipe in Rs. per Rmt.
P1 = Rate of pipe in Rs. per Rmt. as per above table.
R2 = Price of Pig Iron (Rs per MT)) at the time of preparation of estimate.
R1 = Price of Pig Iron (Rs per MT) at the time of preparation of SoR =Rs.49,000/-(Excluding all taxes).
The above formula for calculation of revised cost to be used for preparation of Estimates only.

25. S o R FOR DUCTILE IRON FITTINGS FOR THE YEAR 2026-27

Sl. No.	Description	Unit	Code	Rate
	Centrifugally cast (spun) Ductile Iron Fittings conforming to IS:9523/2000 having dimensions as per table. The rates mentioned here under are for fittings, zinc coated externally with inside mortar lining (with finishing as per class 13/IS 9523/2000) (ex-works) Excluding Transportation and all Taxes.			
I	DI double socket branch flange Tee			
	Up to 500 x 500 mm dia.	Kg	MAT-07935	**134.60**
	Above 500 x 500 mm dia.	Kg	MAT-07936	**148.51**
II	DI All Socket Tees			
	Up to 300 x 300 mm dia.	Kg	MAT-07937	**134.60**
	Above 300 x 300 mm dia.	Kg	MAT-07938	**148.51**
III	DI Double socket Tapers (Reducer)			
	Up to 500 x 450 mm dia.	Kg	MAT-07939	**134.60**
	Above 500 x 450 mm dia.	Kg	MAT-07940	**148.51**
IV	DI Flanged Socket			
	Up to 500 mm dia.	Kg	MAT-07941	**134.60**
	Above 500 mm dia.	Kg	MAT-07942	**148.51**
V	DI Flanged Spigot			
	Up to 500 mm dia.	Kg	MAT-07943	**134.60**
	Above 500 mm dia.	Kg	MAT-07944	**148.51**
VI	DI Double Socket Duck Foot Bend			
	Up to 300mm dia.	Kg	MAT-07945	**134.60**
	Above 300mm dia.	Kg	MAT-07946	**148.51**
VII	DI Double Flange Duck/Foot bend			
	Up to 300 mm dia.	Kg	MAT-07947	**134.60**
	Above 300 mm dia.	Kg	MAT-07948	**148.51**
VIII	DI All socket Cross.			
	Up to 300 x 300 mm dia.	Kg	MAT-07949	**134.60**
	Above 300 x 300 mm dia.	Kg	MAT-	**148.51**

			07950	
IX	DI All Flange Tee			
	Up to 500 x 500 mm dia.	Kg	MAT-07951	**134.60**
	Above 500 x 500 mm dia.	Kg	MAT-07952	**148.51**
X	DI All Flange Cross			
	Up to 300 x 300 mm dia.	Kg	MAT-07953	**134.60**
	Above 300 x 300 mm dia.	Kg	MAT-07954	**148.51**
XI	DI Double Flange Reducer			
	Up to 500 x 450 mm dia.	Kg	MAT-07955	**134.60**
	Above 500 x 450 mm dia.	Kg	MAT-07956	**148.51**
XII	Blank Flange			
	Up to 500 mm dia.	Kg	MAT-07957	**134.60**
	Above 500 mm dia.	Kg	MAT-07958	**148.51**
XIII	Mechanical Joints			
	Up to 300 mm dia.	Kg	MAT-07959	**134.60**
	Above 300 mm dia.	Kg	MAT-07960	**148.51**
XIV	DI Double Socket Bends			
	Up to 500mm dia.	Kg	MAT-07961	**134.60**
	Above 500 mm dia.	Kg	MAT-07962	**148.51**
XV	DI Double Flanged Bends			
	Up to 500mm dia.	Kg	MAT-07963	**134.60**
	Above 500 mm dia.	Kg	MAT-07964	**148.51**
XVI	DI Manhole Frame &cover	Kg		**134.60**

26. S o R FOR RUBBER GASKETS SUITABLE FORC.I/ D.I. S/S PIPES FOR THE YEAR 2026-27

S No.	Description	Unit	Code	Rate
1	2	3	4	
1	Manufacture as per BIS: 12820/89 with S.B.R. Quality Rubber confirming to BIS: 5382/85, supply and delivery of Rubber Gaskets suitable for C.I/ D.I S/S pipes anywhere in A.P. F.O.R. Destination departmental stores including cost of material, loading, incidental handling with companies standard packing, transportation, unloading & stacking but excluding all taxes.			
	80mm dia.	Each	MAT-07965	**45**
	100mm dia.	Each	MAT-07966	**70**
	125mm dia.	Each	MAT-07967	**84**
	150mm dia.	Each	MAT-07968	**102**
	200mm dia.	Each	MAT-07969	**123**
	250mm dia.	Each	MAT-07970	**138**
	300mm dia.	Each	MAT-07971	**210**
	350mm dia.	Each	MAT-07972	**266**
	400mm dia.	Each	MAT-07973	**294**
	450mm dia.	Each	MAT-07974	**344**
	500mm dia.	Each	MAT-07975	**478**
	600mm dia.	Each	MAT-07976	**604**
	700mm dia.	Each	MAT-07977	**803**
	750mm dia.	Each	MAT-07978	**946**
	800mm dia.	Each	MAT-07979	**1135**
	900mm dia.	Each	MAT-07980	**1370**
	1000mm dia.	Each	MAT-07981	**1498**

27.SoR FOR CI PIPES AND SPECIALS FOR THE YEAR 2026-27

S No.	Description	Quality or sort	Code	Rate/Kg including packing, forwarding, Transit risk and delivery anywhere in A.P. for the year 2026-27 (Rs.)
1	Manufacture, Supply and Delivery of Cast Iron Pipes and Fittings (spls.) Conforming to IS. No. 7181/1986, 5531/1988, 3950/1979 and C.I.D Joints confirming to is No.8794/1988 at site of work anywhere in A.P. Including, loading, unloading, transportation to site of work stacking at site transit risk and package, excluding taxes and duties.	I.S. No. 7181/1986 5531/1988 3950/1979 & 8794/1988	MAT-07982	**71.44**

Foot Note: The rate of CI pipes, CI Specials and CID Joints etc., which are to be incorporated in the SoR are based on the following raw materials cost.

Pig Iron : Rs.49,000/- per M.T. (Excluding all taxes).
Coke : Rs.28,477/- per M.T. (Excluding all taxes).

The rates may be revised depending upon the increase/decrease in the cost of raw materials as per the following method. For every increase/decrease of Rs.1000/- in the cost of raw materials or part there of proportionately.

In respect of Pig Iron: The increase/decrease in cost of CI Specials per Kg is 3.43%.
In respect of coke: The increase/decrease in cost of CI Specials per Kg is 0.67%.

The above price is at site of work.
Note-1: The above formula for calculation of revised cost to be used for preparation of Estimates only.

28. S o R FOR WATER HAMMER CONTROL DEVICES FOR THE YEAR 2026-27

(Rate Each in Rs.)

S No.	Description	TEST PRESSURE							
		10 Kgs/cm^2		15 Kgs/cm^2		20 Kgs/cm^2		25 Kgs/cm^2	
1	Manufacture, Supply and delivery of Air Cushion valves / Quick Released damped Air Valves (QRDA) as per AWWA, Ex-factory excluding transportation and all taxes.								
	DIA. IN MM	Code	Rate/Each	Code	Rate/Each	Code	Rate/Each	Code	Rate/Each
	100	MAT-07983	70689	MAT-07986	81294	MAT-07989	89422	MAT-07992	98361
	150	MAT-07984	107425	MAT-07987	123539	MAT-07990	135892	MAT-07993	149481
	200	MAT-07985	114661	MAT-07988	131858	MAT-07991	145046	MAT-07994	159550
2	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	5% on basic cost of valves							

29. S o R FOR VALVES CONFORMING TO IS for normal usage 2026-27.

S No.	Description				
1	Supply, Delivery of D.I double flanged Sluice Valves conforming to IS- 14846 (with up to date amendments, if any) including gear arrangements for the following dia. as per test pressure having Body, Bonnet, Dome, Stool cover, Wedge, Stuffing box, Gland, Thrust plate, Cap/Hand wheel with D.I; Stem, Body seat ring, Wedge facing ring, Bushes, Bolts, Nuts, Pinion and Pinion shaft with Stainless steel (IS 6603) ; Wedge nut, Shoe, Channel with Leaded Tin Bronze (IS 318); Gasket with Neoprene Rubber; Gland packing with Rubber; Gear, Gear housing with Cast Steel excluding all taxes and transportation, etc. complete ISI marked.				
		PN 1.0 (MPa)		**PN 1.6 (MPa)**	
	DIA. IN MM	**Code**	**Rate/Each**	**Code**	**Rate/Each**
	50		9720		12150
	100		13088		14400
	150		20607		21150
	200		27280		34100
	250		41580		47429
	300		63580		71682
	350		78980		98725
	400		135080		168850
	450	MAT-07995	168080	MAT-08004	210100
	500	MAT-07996	210980	MAT-08005	263725
	550		219780		274725
	600	MAT-07997	270380	MAT-08006	337975
	650		300080		375100
	700	MAT-07998	520080	MAT-08007	650100
	750		564080		705100
	800	MAT-07999	674080	MAT-08008	842600
	850		768680		960850
	900	MAT-08000	875380	MAT-08009	1094225
	1000	MAT-08001	1425380	MAT-08010	1781725
	1100	MAT-08002	1645380	MAT-08011	2056725
	1200	MAT-08003	1865380	MAT-08012	2331725
2	Supply, Delivery of D.I double flanged short/Long body or Wafer Type pattern Butterfly Valves for the following dia. conforming to IS 13095 (with up to date amendments, if any) manually operated having Body, Disc with D.I; Shaft, Seating ring, internal fastenings with Stainless steel (IS: 6603); External bolting with Carbon steel; Seat with Nitrite or EPDM rubber; excluding transportation and all taxes, complete.				
	DIA. IN MM	**Code**		**PN 2.5 (MPa) (Rate/Each)**	
	50	MAT-08013		14080	
	100	MAT-08014		16280	
	150	MAT-08015		23980	
	200	MAT-08016		43780	

	250	MAT-08017	49280
	300	MAT-08018	56980
	350	MAT-08019	69080
	400	MAT-08020	100980
	450	MAT-08021	132880
	500	MAT-08022	190080
	550	MAT-08023	210980
	600	MAT-08024	234080
	650	MAT-08025	270380
	700	MAT-08026	328680
	750	MAT-08027	344080
	800	MAT-08028	369380
	850	MAT-08029	388080
	900	MAT-08030	438680
	1000	MAT-08031	564080
	1100	MAT-08032	674080
	1200	MAT-08033	894080

3	Supply, Delivery of D.I Double Flanged Swing Check type Reflux valves (Non Return Valves) of following dia. conforming to IS- 5312 (Pts-1&2) (with amendments up to date, if any) having Body, Cover, Door, Bearing holder with D.I; Hinge pin, Door pin, Door suspension pin with Stainless Steel (IS 6603); Body seat ring , Door face ring, Bearing bushes, Plugs for hinge pin with Leaded Tin Bronze (IS 318); Bolts, Nuts with Carbon steel; Gaskets with Rubber; Hinges with Cast steel; excluding transportation and all taxes complete.				
		PN 1.0 (MPa)		**PN 1.6 (MPa)**	
	DIA. IN MM	**Code**	**Rate/Each**	**Code**	**Rate/Each**
	50	MAT-08034	10780	MAT-08046	13475
	100	MAT-08035	15180	MAT-08047	18975
	150	MAT-08036	21780	MAT-08048	27225
	200	MAT-08037	29480	MAT-08049	36850
	250	MAT-08038	40480	MAT-08050	50600
	300	MAT-08039	62480	MAT-08051	78100
	350	MAT-08040	74580	MAT-08052	93225
	400	MAT-08041	89980	MAT-08053	112475
	450	MAT-08042	116380	MAT-08054	145475
	500	MAT-08043	192280	MAT-08055	240350
	550	MAT-08044	212080	MAT-08056	265100
	600	MAT-08045	256080	MAT-08057	320100
4	Conveyance of valves and accessories including loading at factory and unloading, stacking at site of work.	5% on basic cost of valves			

30. S o R FOR VALVES FOR HEAVY USUAGE in WTPS, STPS, PUMP HOUSES, PUMPING MAINS & ELSRS 2026-27

S No	Description	TEST PRESSURE					
1	Supply and delivery of "Resilient Seated Soft Sealing" Gate Valves (Sluice Valves) with Body and Bonnet of Ductile Iron GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1865, IS:3896-2 and Wedge fully Rubber Lined with food grade quality grade W270 grade EPDM, Replaceable Spindle Nut without gland packing with 3-O ring protection system on the Shaft and Seals of NBR. The Valves should be Vacuum tight and 100% leak proof with face to face dimensions as BS:5163 Type A/IS:14846. All the valves should be with fusion bonded Electrostatic Powder coating both inside and outside (Min 250 Microns)-RAL 5005 with Pocket Less Straight through body Passage conforming to Design standards of DIN-3202F4/BS:5163 Type A Flange drilling as per IS - 1538 excluding all taxes, duties and transportation.						
	DIA. IN MM	**PN 1.0 (MPa)**		**PN 1.6 (MPa)**		**PN 2.5 (MPa)**	
	A) Without By-Pass	**Code**	**Rate/Each**	**Code**	**Rate/Each**	**Code**	**Rate/Each**
	50	MAT-08058	7669	MAT-08067	7669	MAT-08076	13865
	80	MAT-08059	9922	MAT-08068	9922	MAT-08077	17094
	100	MAT-08060	11880	MAT-08069	12957	MAT-08078	19381
	150	MAT-08061	18480	MAT-08070	20401	MAT-08079	32327
	200	MAT-08062	23980	MAT-08071	29975	MAT-08080	54524
	250	MAT-08063	30580	MAT-08072	38225	MAT-08081	80987
	300	MAT-08064	56980	MAT-08073	70965	MAT-08082	131363
	350	MAT-08065	78980	MAT-08074	98725	MAT-08083	384409
	400	MAT-08066	100980	MAT-08075	126225	MAT-08084	390996
	B) With By-Pass						
	450		165880		207350		
	500		212080		265100		
	550		234080		292600		
	600		300080		375100		
	650		344080		430100		
	700		432080		540100		

2	Supply & Delivery of Tamper Proof DI Flanged Single Chamber Air Release Valves with body & cover made of Ductile Iron Grade GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1865, IS:3896-2 with Food Grade Epoxy Powder Coating(EP-P) (Min:250 Micron) inside and Outside of Color Blue RAL 5005. All internal parts such as Float, shell, Cove Bolts etc. made of Austenitic alloy steel of SS AISI 304/316 and DN 50 float of and other components with ABS/PTFE/EPDM/NBR and generally conforming to DIN/BIS/AWWA standards (or) combination Flange drilling as per IS - 1538 and exclusive of all taxes and transportation.						
	DIA. IN MM	**Code**	**PN 1.0 (MPa) Rate/Each**	**Code**	**PN 1.6 (MPa) Rate/Each**	**Code**	**PN 2.5 (MPa) Rate/Each**
	25	MAT-08085	4180	MAT-08093	5225		
	40	MAT-08086	7480	MAT-08094	9350	MAT-08101	53890
	50	MAT-08087	10780	MAT-08095	13475	MAT-08102	44092
	80	MAT-08088	18480	MAT-08096	23100	MAT-08103	45715
	100	MAT-08089	23980	MAT-08097	29975	MAT-08104	61378
	150	MAT-08090	45980	MAT-08098	57475	MAT-08105	74257
	200	MAT-08091	66538	MAT-08099	66538	MAT-08106	82766
	300	MAT-08092	108680	MAT-08100	111150		
3	Manufacture, Supply and delivery of DI D/F Tilting disc Swing Check Valves Slanted seated with maximum swing of 59 degree with metallic, corrosion proof and wear resistant seat faces, Body and Disc of ductile cast iron GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1865, IS:3896-2 Shafts of stainless steel, shaft bearing of zinc free bronze and Integral body seat face & disc face with nickel-chromium overlay welding and micro finished. All the inside and outside of the body is to be coated with double coating of food grade epoxy liquid lacquer (EP-F) with minimum thickness of 150 microns, color: RAL 5005 Blue face to face dimensions according to EN 558-1/14/DIN 3202-F4, Flange dimensions according to EN1092-2/IS 1538						
	DIA. IN MM	**PN 1.0 (MPa)**		**PN 1.6 (MPa)**		**PN 2.5 (MPa)**	
	a)Without By-Pass	**Code**	**Rate/Each**	**Code**	**Rate/Each**	**Code**	**Rate/Each**
	80	MAT-08107	11880	MAT-08123	14850	MAT-08139	23760
	100	MAT-08108	16280	MAT-08124	20350	MAT-08140	32560
	150	MAT-08109	21780	MAT-08125	27225	MAT-08141	43560
	200	MAT-08110	27280	MAT-08126	34100	MAT-08142	54560
	250	MAT-08111	39380	MAT-08127	49225	MAT-08143	78760
	300	MAT-08112	56980	MAT-08128	71225	MAT-08144	113960

	b)With By-Pass								
	350	MAT-08113	67980	MAT-08129	84975	MAT-08145	135960		
	400	MAT-08114	104280	MAT-08130	130350	MAT-08146	208560		
	450	MAT-08115	135080	MAT-08131	168850	MAT-08147	270160		
	500	MAT-08116	149380	MAT-08132	186725	MAT-08148	298760		
	550	MAT-08117	168080	MAT-08133	210100	MAT-08149	336160		
	600	MAT-08118	206580	MAT-08134	258225	MAT-08150	413160		
	650	MAT-08119	248380	MAT-08135	310475	MAT-08151	496760		
	700	MAT-08120	303380	MAT-08136	377520	MAT-08152	606760		
	750	MAT-08121	328680	MAT-08137	410850		657360		
	800	MAT-08122	369380	MAT-08138	461725		738760		
	850		388080		485100		776160		
	900		438680		548350		877360		
	1000		548680		685850		1097360		
	1100		850850		935935				
	1200		1100000		1210000				
4	Manufacture, Supply and delivery of DI D/F Butterfly Valves, Body and disc of Ductile Iron of grade GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1865, IS:3896-2 Double eccentrically designed Disc., with renewable soft seal on the disc and Integral Body seat face of nickel-chromium overlay welding (Fusion Bonded) micro finished, 100 % leak tight in both directions, Medium free bearings and with minimum thickness of 250 microns Fusion bonded food grade epoxy coating and 1200mm dia. and above food grade liquid Epoxy coating of minimum 150 microns applied on both body and disc inside and outside. Face to face dimensions as per EN558-1/IS 13095 body or IS: 13095 long body design standard as per EN 593/IS 5163 Flange drilling as per EN 1092-2/ IS 1538 the Valve should be suitable for buried application.								
	DIA. IN MM	**Code**	**PN 1.0 (MPa)**	**Code**	**PN 1.6 (MPa)**	**Code**	**PN 2.5 (MPa)**	**Code**	**PN 4.0 (MPa)**
	150	MAT-08153	19580	MAT-08173	24475	MAT-08193	39160	MAT-08213	146478
	200	MAT-08154	27280	MAT-08174	34100	MAT-08194	54560	MAT-08214	178108
	250	MAT-08155	38280	MAT-08175	47850	MAT-08195	76560	MAT-08215	249581
	300	MAT-08156	47080	MAT-08176	58850	MAT-08196	94160	MAT-08216	262068
	350	MAT-08157	65780	MAT-08177	82225	MAT-08197	131560	MAT-08217	285236
	400	MAT-08158	87780	MAT-08178	109725	MAT-08198	175560	MAT-08218	436082
	450	MAT-	98780	MAT-	123475	MAT-	197560		-

		08159		08179		08199			
	500	MAT-08160	127380	MAT-08180	159225	MAT-08200	254760	MAT-08219	538878
	550		149380		186725		298760		
	600	MAT-08161	168080	MAT-08181	210100	MAT-08201	336160	MAT-08220	590468
	650		190080		237600		380160		
	700	MAT-08162	218680	MAT-08182	273350	MAT-08202	437360		
	750		248380		310475		496760		
	800	MAT-08163	279180	MAT-08183	348975	MAT-08203	558360		
	850		300080		375100		600160		
	900	MAT-08164	328680	MAT-08184	410850	MAT-08204	657360		
	1000	MAT-08165	454080	MAT-08185	567600	MAT-08205	908160		
	1100	MAT-08166	674080	MAT-08186	842600	MAT-08206	1348160		
	1200	MAT-08167	784080	MAT-08187	980100	MAT-08207	1568160		
	1300		1004080		1255100		2008160		
	1400	MAT-08168	1098680	MAT-08188	1373350	MAT-08208	2197360		
	1500		1379180		1723975		2758360		
	1600	MAT-08169	1367080	MAT-08189	1708850	MAT-08209	2734160		
	1700		1928080		2410100		3856160		
	1800	MAT-08170	2116180	MAT-08190	2645225	MAT-08210	4232360		
	1900		2399980		2999975		4799960		
	2000	MAT-08171	2547380	MAT-08191	3184225	MAT-08211	5094760		
	2100		2662880		3328600		5325760		
	2200	MAT-08172	2838880	MAT-08192	3548600	MAT-08212	5677760		

5	Supply delivery of Double Flanged Slant seat Swing Check Valve (NRV) with body and Disc of Ductile Iron GGG-40/SG-400/15 or GGG-50/SG-500/7 or Equivalent as per IS1865, IS:3896-2 with fully encapsulated in Vulcanized EPDM rubber & Fusion bonded Electro Static epoxy powder coating inside and outside color Blue RAL 5005 with Min. Coating thickness of 250 microns. The EPDM rubber & Epoxy rubber & Epoxy powder should conform to W 270 standards (Drinking water application) and face to face dimensions as per EN 558-1 / DIN 3202-F6 / IS 5312 & Flange connections as per IS:1538 excluding all duties, taxes and transportation.						
	DIA. IN MM	**PN 1.0 (MPa)**		**PN 1.6 (MPa)**		**PN 2.5 (MPa)**	
	a)Without By-Pass	**Code**	**Rate/Each**	**Code**	**Rate/Each**	**Code**	**Rate/Each**
	80		13514		14865		
	100		18480		23100		
	150		27280		34100		

	200		32780		40975		167578
	250		43780		54725		203526
	300		54780		68475		247771
	b)With By-Pass						
	350		78980		98725		
	400		96580		120725		
	450		107580		134475		
	500		149380		186725		
	550		182380		227975		
	600		218680		273350		

NOTE:- All the prices are ex-go down /ex-factory. Packaging and Transportation extra at 5% on basic cost. The grade of DI & conformation to specifications shall be certified by a third party Quality Control Agency approved by indenting authority at the cost of supplier**.**

31. S o R FOR SFRC MAN-HOLE FRAME WITH COVERS FOR THE YEAR 2026-27

S No.	Description	Unit	Code	Rate
I	Manufacture as per BIS:12592 (Part 1&2) Supply & Delivery of manhole covers and frames with ISI marking anywhere in A.P., F.O.R. destination including, loading, un-loading & stacking at site but excluding all taxes.			
a)	M.D. -10 with 500mm dia. Clear opening	Each	MAT-08221	1543.00
b)	H.D.-20 with 500mm dia. Clear opening	Each	MAT-08222	1989.00
C)	H.D.-10with 560mmdia. clear opening(New item)	Each	MAT-08223	1560.00
d)	H.D.-20 with 560mm dia. Clear opening	Each	MAT-08224	2133.00
e)	E.H.D.-35 with 560mm dia. Clear opening.	Each	MAT-08225	2286.00
f)	24x24 MD 10	Each	MAT-08226	1682.00
g)	24x18 MD 10	Each	MAT-08227	1548.00
h)	24x24 HD 20	Each	MAT-08228	1890.00
i)	24x18 HD 20	Each	MAT-08229	1927.00
j)	Dividers 0.9 Mtr.	Each	MAT-08230	3957.00
II	Manufacture as per company's standard specification supply and delivery of encapsulated plastic steps for man holes anywhere in A.P. including cost of materials packing as per company's standards, loading, transportation, unloading and stacking at site of work etc, complete but excluding all taxes.	Each	MAT-08231	166.00

32. S o R FOR CI and M.S. DISMANTLING JOINTS FOR THE YEAR 2026-27

S No.	Description	Unit	Code	Rate
1	Manufacture, Supply and Delivery of C.I Dismantling Joints with both side flange end suitable for installation in between flange end pipes. These rates are excluding all taxes.			
	Nominal Dia. In MM			
	50	Each	MAT-08232	**4826**
	80	Each	MAT-08233	**5282**
	100	Each	MAT-08234	**6900**
	125	Each	MAT-08235	**8800**
	150	Each	MAT-08236	**9777**
	200	Each	MAT-08237	**13864**
	250	Each	MAT-08238	**16504**
	300	Each	MAT-08239	**26409**
2	Manufacture, Supply and Delivery of M.S. Dismantling Joints with both side flange end suitable for installation in between flange end pipes. Thickness as per IS: 7322. These rates are excluding all taxes.			
	Nominal Dia. In MM			
	350	Each	MAT-08240	**59,785**
	400	Each	MAT-08241	**68,507**
	450	Each	MAT-08242	**74,325**
	500	Each	MAT-08243	**88,959**
	600	Each	MAT-08244	**1,03,515**
	700	Each	MAT-08245	**1,15,161**
	750	Each	MAT-08246	**1,18,075**
	800	Each	MAT-08247	**1,41,365**
	900	Each	MAT-08248	**1,47,482**
	1000	Each	MAT-08249	**1,76,660**
	1100	Each	MAT-08250	**1,91,245**
	1200	Each	MAT-08251	**2,20,420**
	1300	Each	MAT-08252	**2,49,592**
	1400	Each	MAT-08253	**2,79,334**
	1600	Each	MAT-08254	**3,08,566**
	1800	Each	MAT-08255	**3,65,405**
	2000	Each	MAT-08256	**4,54,730**
3	Conveyance of joints and accessories including loading at factory and unloading, stacking at site of work.	5% on basic cost		

33. OTHER ITEMS FOR THE YEAR 2026-27

Sl. No.	Description	Unit	Code	Rate
1	2	3	4	5
1	SUPPLY AND DELIVERY OF PIG LEAD 99.99 % PURE INCLUDING CONVEYANCE ETC., COMPLETE, BUT EXCLUDING TAXES.	Per Kg	MAT-08257	316
2	SUPPLY AND DELIVERY OF LEAD WOOL BEST QUALITY INCLUDING CONVEYANCE ETC., COMPLETE, BUT EXCLUDING TAXES.	Per Kg	MAT-08258	286
3	SUPPLY AND DELIVERY OF SPUN YARN OF BEST QUALITY INCLUDING CONVEYANCE ETC., COMPLETE, BUT EXCLUDING TAXES.	Per Kg	MAT-08259	128
4	SUPPLY AND DELIVERY OF RUBBER PACKING INCLUDING CONVEYANCE ETC., COMPLETE, BUT EXCLUDING TAXES.			
	a) 3 mm thick	Per Kg	MAT-08260	102
	b) 6 mm thick	Per Kg	MAT-08261	102
5	SUPPLY AND DELIVERY OF BOLTS AND NUTS WITH DOUBLE WASHERS INCLUDING CONVEYANCE ETC., COMPLETE, BUT EXCLUDING TAXES. (1/2" TO 1")	Per Kg	MAT-08262	122

34. S o R FOR TRENCH LESS TECHNOLOGY WITH PIPE JACKING METHOD FOR THE YEAR 2026-27

S No.	Description	Unit	Code	Rate
1	Railway crossing/Road crossing/Canal crossing by adopting trenchless technology tunneling work through specialized pipe jacking method by erecting the equipment to true to the alignment and gradient, by hydraulic pipe jacking technique complete including tunneling, excavation in all types of soils including hard rock and construction of RCC chambers suitable to casing pipe pits, and conveyance charges of machinery and other required materials but excluding cost of encasing pipe, in co-ordination with the concerned authorities as per approved drawings and directed by the Engineer-in –Charge.			
	800 mm dia.	Rmt	**MAT-**08263	**27915.00**
	900 mm dia.	Rmt	MAT-08264	**29310.00**
	1000 mm dia.	Rmt	MAT-08265	**30706.00**
	1100 mm dia.	Rmt	MAT-08266	**32101.00**
	1200 mm dia.	Rmt	MAT-08267	**33498.00**
	1300 mm dia.	Rmt	MAT-08268	**34893.00**
	1400mm dia.	Rmt	MAT-08269	**37684.00**
	1500 mm dia.	Rmt	MAT-08270	**41872.00**

35.SOR FORHOUSE SERVICE CONNECTIONSFOR THE YEAR 2026-27

Sl. No.	Description	Unit	Code	Rate
1	**House service connections (Compression Fittings)** **S**upply and Fixing of compression fittings shall comply with ISO 17885 2015, PN-16 rating and manufactured from virgin resin of PE-80 having blue color. Raw material must be WRAS approved as per BS 6920 for effect on water quality intended for human consumption. Compression fittings should have moulded in SS 304 threaded insert outlet with thread dimension confirming to IS 554/ISO 7. The cost shall include testing of all materials, labor, inspection charges, transportation up to site, transit insurance, loading, unloading, stacking and fixing etc, complete as specified and directed by the departmental Engineer in charge, but excluding all taxes.			
	Compression male/female threaded adaptor with SS insert D20 mm X 1/2 "	Each	MAT-08296	**103.00**
	Compression male/female threaded adaptor with SS insert D25 mm X 3/4 "	Each	MAT-08297	**137.00**
	Compression male/female threaded adaptor with SS insert D32 mm X 1 "	Each	MAT-08298	**191.00**
	Compression male/female threaded elbow with SS insert D20 mm X 1/2 "	Each	MAT-08299	**106.00**
	Compression male/female threaded elbow with SS insert D25 mm X 3/4 "	Each	MAT-08300	**143.00**
	Compression male/female threaded elbow with SS insert D32 mm X 1 "	Each	MAT-08301	**198.00**
	Double Compression elbow 20 mm 64	Each	MAT-08302	**48.00**
	Double Compression elbow 25 mm 79	Each	MAT-08303	**66.00**
	Double Compression elbow 32 mm	Each	MAT-08304	**94.00**
2	**House service connections (Composite strap saddle for DI/CI pipes)** Supply and fixing of composite strap saddle shall be of wrap around design pN-16 rating. Body shall be manufactured using virgin compounded PE 80/PE 100 polymer with stainless steel 304 grade stirrup plate mounted with PE straps (Engineering Plastic) with Nut bolt joint, sealing between the saddle and mains shall be obtained by using an elastomer seal (Underneath projection for self interlocking). The cost shall include testing of all materials, labor, inspection charges, transportation up to site, transit insurance, loading, unloading, stacking and fixing etc, complete as specified and directed by the departmental Engineer in charge, but excluding all taxes.			
	(Main pipe outer diameter in mm & tapping size in inches)			
	100 x 1/2"	Each		**450.00**
	100 x 3/4"	Each		**502.00**
	100 x 1"	Each		**535.00**
	150 x 1/2"	Each	MAT-08305	**470.00**
	150 x 3/4"	Each	MAT-08306	**522.00**
	150 x 1"	Each	MAT-08307	**555.00**
	200 x 1/2"	Each	MAT-08308	**490.00**
	200 x 3/4"	Each	MAT-08309	**542.00**
	200 x 1"	Each	MAT-08310	**575.00**

3	**House service connections (Regulating brass ferrule)** The Ferrule of pressure rating PN 10. The cost shall include testing of all materials, labor, inspection charges, transportation up to site, transit insurance, loading, unloading, stacking and fixing etc., complete as specified and directed by the departmental Engineer in charge, but excluding all taxes.			
	1/2"	Each	MAT-08311	**146.00**
	3/4"	Each	MAT-08312	**239.00**
	1"	Each	MAT-08313	**416.00**
4	**House service connections (PP Saddle) PP Clamp saddles**-PP clamp Saddles shall be manufactured by injection moulding using virgin polypropylene. Mechanical tapping saddles for water works purposes and designed for use with PVC/PE pipe as per IS 4985/IS 4984 respectively. These saddles should be contoured to fit around the pipe. PP saddles shall be Blue/Black moulded-in with Nickel plated Brass / SS 304 metal female threaded outlets. Seal shall be thermoplastic elastomer rubber suitable for drinking water and nut-bolt-washer with SS. The PP Clamp saddle fittings shall be mouldedwith SS 304/Nickel plated Brass female threaded outlet inserted to connect necessary fittings. Thread dimension shall conform to IS-554/ISO-7. Adequate thickness of PP shall be provided to hold brass insert in place and avoid leakage while pressure applications. Fasteners shall be threaded type, with SS. Fasteners of size 125mm and above. The grade of raw material used must be certified by WRAS, UK for type test as per BS 6920 from their certified laboratories like NSF International Ltd. UK and certificate of Compliance to be produced for the following parameters: i) Odour & Flavour of water ii) Appearance of water iii) Growth of Micro Organism iv) Extraction of Substances that may be of concern to public health (Cyto toxicity) v) Extraction of Metals excluding all taxes.			
	(Main pipe outer diameter in mm & tapping size in inches)			
	63x1/2"	Each	MAT-08314	**127.00**
	63x3/4"	Each	MAT-08315	**127.00**
	63x1"	Each	MAT-08316	**127.00**
	75x1/2"	Each	MAT-08317	**148.00**
	75x3/4"	Each	MAT-08318	**148.00**
	75x1"	Each	MAT-08319	**148.00**
	90x1/2"	Each	MAT-08320	**169.00**

	90x3/4"	Each	MAT-08321	**169.00**
	90x1"	Each	MAT-08322	**169.00**
	110x1/2"	Each	MAT-08323	**203.00**
	110x3/4"	Each	MAT-08324	**203.00**
	110x1"	Each	MAT-08325	**203.00**
	125x1/2"	Each	MAT-08326	**242.00**
	125x3/4"	Each	MAT-08327	**242.00**
	125x1"	Each	MAT-08328	**242.00**
	140x1/2"	Each	MAT-08329	**288.00**
	140x3/4"	Each	MAT-08330	**288.00**
	140x1"	Each	MAT-08331	**288.00**
	160x1/2"	Each	MAT-08332	**344.00**
	160x3/4"	Each	MAT-08333	**353.00**
	160x1"	Each	MAT-08334	**353.00**
	180x1/2"	Each	MAT-08335	**359.00**
	180x3/4"	Each	MAT-08336	**449.00**
	180x1"	Each	MAT-08337	**499.00**
	200x1/2"	Each	MAT-08338	**379.00**
	200x3/4"	Each	MAT-08339	**469.00**
	200x1"	Each	MAT-08340	**519.00**
5	Supply and Fixing of Meter Box / Valve box is recommended to encompass & protect Water meters/valves installed on drinking water supply pipes. Meter Box manufacturers must have ISO 9001, ISO 14001 and ISO 18001 certification for their QMS, EMS & OHSAS systems. Meter Box should be of two components, comprising body and lid. Provision for embossed marking on the lid as per customer requirement, Nominal Size of box should be 8" X 12" with Rectangular shape ,Minimum Dimensions: Length 355mm x height 180mm x width 270mm,Locking: with Built in lock.			
	METER BOX 8X12 WITH BUILT IN LOCK,	Each	**300**	

36. SoR FOR ARC WELDED M.S PIPE FOR THE YEAR 2026-27

Manufacture, supply and delivery of submerged ARC welded M.S Pipe having beveled ends from plate or coil conforming to IS-3589 and/or IS-5504 with its latest revision / amendment with inside 406 micron thick food grade epoxy coating and outside 3LPE coating conforming to DIN 30670/Polyolefin Tape coating conforming to AWWA C214 for the specified thickness & inner diameter of pipe, external field joint coating with polyolefin backing and internal field joint coating with chemically cured 2 part epoxy based solvent free liquid coating material for Drinking Water NSF approved etc., complete including all labour, materials and ROU/ROW as per specification and to the satisfaction of Engineer-in-charge excluding GST.

Inner Diameter (mm)	**Outer Diameter (mm)**	**Thickness (mm)**	**Code**	**MS Pipe Rate with Internal 406 micron thick food grade epoxy coating and 3LPE coating conforming to DIN 30670**	**Code**	**MS Pipe Rate with Internal 406 micron thick food grade epoxy coating and Polyolefin Tape coating conforming to AWWA C214**
500	510	5	MAT-08344	5723	MAT-08408	5634
500	511.20	5.60	MAT-08345	6165	MAT-08409	6084
500	512.60	6.30	MAT-08346	6681	MAT-08410	6600
500	522	11	MAT-08347	10186	MAT-08411	10104
600	611.60	5.80	MAT-08348	7558	MAT-08412	7462
600	612.60	6.30	MAT-08349	7998	MAT-08413	7902
600	625	12.50	MAT-08350	13522	MAT-08414	13424
700	712.60	6.30	MAT-08351	9285	MAT-08415	9204
700	714.20	7.10	MAT-08352	10101	MAT-08416	10024
700	728.40	14.20	MAT-08353	17422	MAT-08417	17390
800	814.20	7.10	MAT-08354	11526	MAT-08418	11440
800	816	8	MAT-08355	12573	MAT-08419	12494
800	836	18	MAT-08356	24369	MAT-08420	24365
900	916	8	MAT-08357	14125	MAT-08421	14040
900	917.60	8.80	MAT-08358	15172	MAT-08422	15093
900	920	10	MAT-08359	16745	MAT-08423	16677
900	935	17.50	MAT-08360	26672	MAT-08424	26669
1000	1017.60	8.8	MAT-08361	16837	MAT-	16752

					08425	
1000	1020	10	MAT-08362	18581	MAT-08426	18508
1000	1040	20	MAT-08363	33269	MAT-08427	33296
1050	1067.60	8.80	MAT-08364	17670	MAT-08428	17583
1050	1070	10	MAT-08365	19499	MAT-08429	19423
1050	1072	11	MAT-08366	21026	MAT-08430	20961
1100	1117.6	8.8	MAT-08367	18587	MAT-08431	18412
1100	1120	10	MAT-08368	20515	MAT-08432	20339
1100	1122	11	MAT-08369	22124	MAT-08433	21947
1200	1220	10	MAT-08370	22362	MAT-08434	22170
1200	1222	11	MAT-08371	24114	MAT-08435	23922
1200	1225	12.50	MAT-08372	26748	MAT-08436	26556
1300	1325	12.50	MAT-08373	28952	MAT-08437	28744
1300	1328.40	14.20	MAT-08374	32189	MAT-08438	31980
1400	1425	12.50	MAT-08375	31155	MAT-08439	30931
1400	1428.40	14.20	MAT-08376	34634	MAT-08440	34410
1500	1528.40	14.20	MAT-08377	37082	MAT-08441	36841
1500	1532	16	MAT-08378	41031	MAT-08442	40792
1600	1628.40	14.20	MAT-08379	39528	MAT-08443	39274
1600	1632	16	MAT-08380	43733	MAT-08444	43480
1700	1728.40	14.20	MAT-08381	41973	MAT-08445	41705
1700	1732	16	MAT-08382	46435	MAT-08446	46169
1700	1735	17.50	MAT-08383	50160	MAT-08447	49898
1800	1828.40	14.20	MAT-08384	44419	MAT-08448	44137
1800	1832	16	MAT-08385	49137	MAT-08449	48859
1800	1835	17.50	MAT-08386	53077	MAT-08450	52801
1900	1932	16	MAT-08387	51839	MAT-08451	51548
1900	1935	17.50	MAT-08388	55993	MAT-08452	55704
1900	1940	20	MAT-08389	62930	MAT-08453	62646
2000	2032	16	MAT-08390	54542	MAT-	54236

					08454	
2000	2035	17.50	MAT-08391	58909	MAT-08455	58608
2000	2040	20	MAT-08392	66203	MAT-08456	65907
2100	2135	16	MAT-08393	61826	MAT-08457	61512
2100	2140	17.50	MAT-08394	69476	MAT-08458	69169
2100	2144.40	20	MAT-08395	76224	MAT-08459	75921
2200	2235	17.50	MAT-08396	64742	MAT-08460	64415
2200	2240	20	MAT-08397	72750	MAT-08461	72429
2200	2244.40	22.20	MAT-08398	79811	MAT-08462	79498
2300	2340	20	MAT-08399	76023	MAT-08463	75691
2300	2344.40	22.20	MAT-08400	83399	MAT-08464	83074
2300	2350	25	MAT-08401	92806	MAT-08465	92489
2400	2440	20	MAT-08402	79296	MAT-08466	78951
2400	2444.40	22.20	MAT-08403	86986	MAT-08467	86648
2400	2450	25	MAT-08404	96793	MAT-08468	96465
2500	2540	20	MAT-08405	82569	MAT-08469	82213
2500	2544.40	22.20	MAT-08406	90573	MAT-08470	90224
2500	2550	25	MAT-08407	100780	MAT-08471	100441

37. SoR FOR HDPE ELECTRICAL PIPE CONDUITS FOR THE YEAR 2026-27

Supply of the HDPE Electrical pipe conduits with permanent Lubricant inner layer with ribs , dimensional ratio of 13.5, deflection not greater than 5% when exposed to the normal operating temperature 90 degrees centigrade under the overburden soil pressure and other physical properties confirming to ASTMF 2160 and / or NEMA TC 7 (The expected service life of HDPE Pipe conduit and accessories shall not be less than 50 years) including transportation and excluding GST

Diameter	Code	Rate per Rmt
160 mm	MAT-08472	1221
200 mm	MAT-08473	1981
225mm	MAT-08474	2902
7 way (Multi duct for ICT)	MAT-08475	955

38. SoR FOR BORE WELL DRILLING RATES FOR THE YEAR 2026-27

S. No	Type of Bore Well	Rate in Rs.
1	**Drilling of Bore well with DTH Rig per** RM	
	Drilling of Bore well by down the hole hammer drilling to a finished dia of 112/165 mm dia in all formations suitable for down the hole hammer drilling such as medium hard rock formation to hard rock formation, all consolidated formation etc. and drilling in over burden to dia not less than 200 mm etc and reaming the bore well to suit insertion of suitable casing pipe etc., including insertion of casing pipe with couplings, caps any other relevant materials upto required depth as directed by the department including transportation of drilling rigs and supporting vehicle and including bore development (Flushing of Bore Well at an average pressure of 150 PSI) conducting yield test, consumables charges, Crew charges required in fixation of pipe assembly completely done to the satisfaction of the department and including all labour charges but excluding all taxes, the cost of casing pipe, couplings, cap etc., The entire work should be carried out as per IS -2800 Part I & II 1979 and amended from time to time.	
	Drilling of Bore well 112 mm dia. up to 150.00 m depth	**383.89**
	Drilling of Bore well 112 mm dia. beyond 150.00 m depth	**438.02**
	Drilling of Bore well 112 mm dia for Agency area	**10% over plain area rates.**
	Drilling of Bore well 165 mm dia. up to 90.00 m **depth**	**492.16**
	Drilling of Bore well 165 mm dia. above 90.00 m up to 150.00 m depth	**526.55**
	Drilling of Bore well 165 mm dia. above 150.00 m up to 250.00 m depth	**590.61**
	Drilling of Bore well 165 mm dia. above 250.00 m to 350.00 m depth	**718.50**
	Drilling of Bore well 165 mm dia. beyond 350.00 **m** depth	**777.60**
	Drilling of Bore well 165 mm dia for Agency area	**10% over plain area rates.**
2	**Drilling of Bore well with Rotary Rig per RM**	
	Drilling of Bore hole (which may be carried out by pilot bore hole) to a finished dia of 200/225/300 /350/450 mm hole (for insertion of 110/140/160/180/200mm PVC Pipe / 175/200mm PVC Blue casing pipe) by Rotary drilling rig in all formations suitable for Rotary drilling such as alluvium, Loamy, clayey, sandy, burried channels, highly disturbed and bouldary zones high sheared and fractured zones followed by jointed to massive soft, medium rock, all formations typical and suitable for rotary drilling etc. including insertion of casing pipe , couplings, cap, plug fixation, and including filling the peripheral gap with rebullied pebbled gravel packing, bore development, conducting yield test, and all other required in the fixation of pipes assembly etc. but excluding the cost of casing pipe, couplings, dummies, clamps etc., as recommended by the departmental Geologist. The bore should be developed with compressor air until clear water free from sand and other materials continuously discharged. The size of gravel used for gravel packing should be as per ISI specification used for rotary tube well. The pebbled gravel packing	

	should be carried out in such a way that the theoretical quantity consumed completely.	
	The entire work to be carried out as per I.S. 2800 Part - I & II of 1979 and including cost of all materials and all labour charges and excluding all taxes etc.,	
	Drilling of Bore well of 200/225/300 mm dia for insertion of pipe dia of 100/125 mm	**1102.50**
	Drilling of Bore well 350/450mm dia for insertion of pipe dia of 160/175/200 mm	**1427.30**
	Drilling of Bore wells for Agency area	**10% over plain area rates.**
3	**Drilling of Bore Wells with Hand Bore Set per RM**	
	Drilling of Bore well with Hand Bore set to a finished dia of 112/165/175/180 mm justify both sides in all kinds of formations suitable for hand bore set drilling such as black cotton soils, sandy and alluvial soils and insertion of PVC/PVC blue casing pipe with couplings including slotting of pipe where ever required and fixing of bore well with cap and bail plug as per directions of the department for a finished item of work including conducting yield test, crew charges, cost of consumables, transportation charges and bore development charges and all other charges required in fixation of pipe assembly, Flushing of bore with required pressure excluding cost of all required materials such as cap, bail plug, clamp sets, bolts and nuts etc., excluding all taxes , cost of PVC casing pipe, slotting charges.	
	Drilling of Bore well of finished dia of 112 mm	**442.88**
	Drilling of Bore well of finished dia of 112 mm for Agency	**10% over plain area rates.**
	Drilling of Bore well of finished dia of 165/175/180 mm	**634.93**
	Drilling of Bore well of finished dla of 165/175/180 mm for Agency area	**10% over plain area rates.**
4	**Construction of** bore well **platform**	
	Construction of bore well platform of 1.85 m dia and 3.00 m length drain and foot rest of 1.00 x LOU m with CC (1:2:4) using20 mm H8G metal including cost and conveyance of all materials labour charges, centering, curing, seigniorage charges &excluding taxes etc., complete as per **UNICEF type design.**	
	For Plain Areas per 1No	**9702.00**
	For Agency Areas per 1No	**10% over plain area rates.**
5	**Flushing of bore well**	
	Flushing of bore well of dia 165/150 mm with power rig at an average pressure of 150 PSI, including crew charges, completely done to the satisfaction of the department including detachable of all accessories and refix all materials as per the original condition including all labour charges, but excluding cost of materials& excluding taxes etc,, complete,	
	for 112 mm dia Bore wells per 1 Job	**8820.00**
	for 165/150 mm dia Bore wells per 1 Job	**10473.75**
	For Agency Areas	**10% over plain area rates.**

6	**Deepening of existing bore wells**	
	Deepening of existing bore wells of dia 165/150mm by using DTH rig including flushing the bore well, conducting yield test etc. excluding taxes.	
	for depth up to 150 mm per RM	**578.81**
	for depth from 150 mm to 250mm per RM	**661.50**
	for depth from 250 mm to 350mm per RM	**804.82**
	above 350 mm depth per RM	**870.97**
7	Supply, Delivery of ISI marked fully hot dipped galvanized deepwellInida Mark-H Hand Pump assembly complete unit with 10 Nos of connecting rods (bright bar of 12mm dia and 100 mts length each confirming to IS 9301/1990 & IS 14101 to14104:1994 with their amendments / revisions but excluding taxes.	
	Indian Mark -II Hand Pump Assembly Set	**12017.25**
8	**Labour charges for erection** of IM-II Hand Pump Assembly with all its accessories and with the required number of 32mmdia CI-13 GI pipes including all taxes and as per the directions ofthe department officers but excluding taxes.	
	For Plain area	**1102.50**
	For Agency area	**10% over plain area rates.**
9	**Casing Pipes and Bore caps excluding taxes**	
	Cost and supply of 175 mm dia PVC blue casing pipe per RN3	**1178.10**
	Slotting charges for 175 mm dia PVC blue casing pipe per RM	**385.87**
	180 mm dia PVC Casing pipe perforation charges per RM	**358.31**
	175 mm dia MS Casing pipe perforation charges per RM	**435.49**
	Supply & Fixing of 180 mm dia PVC Bore Cap per 1No	**330.75**
10	**Geological Survey Charges excluding taxes.**	
	for plain area-nob	**1323.00**
	for Agency area-Uob	**10% over plain area rates.**
11	**32mm dia GI B-Class pipes per RM**	
	for 32mm dia GI B-Class pipes per RM	**400**

39. DOUBLE CHAMBERED RESTRAINED JOINT DI K9 PIPES RATES FOR THE YEAR 2026-27

Sl. No.	Description	Unit	Rate in Rs.
1	2	3	4
	Manufacturing, Supply, Delivery of Double chambered restrained joint DI K9 Pipes confirming to IS 8329 (restrained joints are designed and tested as per ISO 10804) (to be used to for minimum required length as per design along with double chambered restrained DI fittings to avoid concrete thrust block at bends) including rubber gaskets confirming to IS 5382 -1985 /8329-2000 with latest amendments and locking bars & rubber spacers, conveying to work site, including loading and unloading at both destinations, excluding cost of specials and excluding taxes.		
1	100 mm	Rmt	1732
2	150 mm	Rmt	2406
3	200 mm	Rmt	3169
4	250 mm	Rmt	4143
5	300 mm	Rmt	5160
6	350 mm	Rmt	6275
7	400 mm	Rmt	7927
8	450 mm	Rmt	9457
9	500 mm	Rmt	11099
10	600 mm	Rmt	14595
11	700 mm	Rmt	17751
12	750 mm	Rmt	19748
13	800 mm	Rmt	21482
14	900 mm	Rmt	26240
15	1000 mm	Rmt	31789

Note: Taxes as applicable shall be added as per rules at the time of preparation of estimate.

Price Variation Formula due to Increase / Decrease in the cost of pig iron.

P2=P1+ (R2-R1)/1000*M*0.96, Where

M = Weight of pipe in kg per metre as per I.S.8329-1994 & ISO 10804.

P2 = Revised rate of pipe in Rs. per Rmt.

P1 = Rate of pipe in Rs. per Rmt. as per above table.

R2 = Price of Pig Iron(Rs per MT excluding Taxes) at the time of preparation of estimate.

R1 = Price of Pig Iron(Rs per MT excluding Taxes) at time of preparation of SoR =Rs.49,000/-

40. DOUBLE CHAMBERED RESTRAINED JOINT DI FITTINGS RATES FOR THE YEAR 2026-27

Sl. No.	Description	Unit	Rate in Rs.
1	2	3	4
	Manufacture, Supplying and fitting Ductile Iron Double Chambered Restrained Joint fittings confirming to IS 9523 : 2000 (restrained joints are designed and tested as per ISO 10804) of Class K-12 (Alternative and to avoid concrete thrust blocks along with minimum length of Restrained joint DI pipes at bends) including rubber gasket confirming to IS 5382 : 1985 and locking bars & rubber gaskets etc complete but excluding Taxes		
	Ductile Iron Double Chambered Restrained Joint fittings		
1	Fittings upto 500mm dia	Kg	**323.00**
2	Fittings above 500 mm dia	Kg	**366.00**

Note: **Taxes as applicable shall be added as per rules at the time of preparation of estimate.**

41. RATES FOR PVC-O Pipes RATES FOR THE YEAR 2026-27

1.	Manufacture, supply, & delivery of PVC-O Class-500 S/S Pipes (push on joints) as per IS-16647:2017 inclusive cost of EPDM gasket seals on joints, and transportation anywhere in Andhra Pradesh, excluding GST.		
	DIA. IN MM	**PN-12.50**	**PN-16**
		Rate/Meter	Rate/Meter
	110	**814**	**969**
	160	**1143**	**1448**
	200	**1601**	**1953**
	250	**2163**	**2588**
	315	**2801**	**3309**
	400	**4350**	**5062**

2.	Supply and delivery at site of moulded or fabricated OPVC fittings compatible with OPVC pipes confirming to IS 16647-2017 to anywhere in Andhra Pradesh, excluding GST.	
	ITEM DESCRIPTION	Rate Per number (Rs.)
	90^0 DEG ELBOW DN110MM	2894
	90^0 DEG ELBOW DN160MM	**3994**
	90^0 DEG ELBOW DN200MM	**7434**
	90^0 DEG ELBOW DN250MM	**10468**
	90^0 DEG ELBOW DN315MM	**16745**
	90^0 DEG ELBOW DN400MM	**19722**
	45^0 DEG ELBOW DN110MM	**2227**
	45^0 DEG ELBOW DN160MM	**3326**
	45^0 DEG ELBOW DN200MM	**5941**
	45^0 DEG ELBOW DN250MM	**8210**
	45^0 DEG ELBOW DN315MM	**11993**
	45^0 DEG ELBOW DN400MM	**17242**
	22.5^0 DEG ELBOW DN110MM	**2011**
	22.5^0 DEG ELBOW DN160MM	**2815**
	22.5^0 DEG ELBOW DN200MM	**4402**
	22.5^0 DEG ELBOW DN250MM	**7128**
	22.5^0 DEG ELBOW DN315MM	**10337**
	22.5^0 DEG ELBOW DN400MM	**14494**
	11.25^0 DEG ELBOW DN110MM	**1835**
	11.25^0 DEG ELBOW DN160MM	**2447**
	11.25^0 DEG ELBOW DN200MM	**4056**
	11.25^0 DEG ELBOW DN250MM	**6653**
	11.25^0 DEG ELBOW DN315MM	**9796**
	11.25^0 DEG ELBOW DN400MM	**14263**
	SLIDING COUPLER DN110MM	**1606**
	SLIDING COUPLER DN160MM	**1858**

	SLIDING COUPLER DN200MM	**2512**
	SLIDING COUPLER DN250MM	**4649**
	SLIDING COUPLER DN315MM	**10199**
	SLIDING COUPLER DN400MM	**17238**
	110MM FLANGE SOCKET	**2016**
	160MM FLANGE SOCKET	**3144**
	200MM FLANGE SOCKET	**4321**
	250MM FLANGE SOCKET	**5707**
	315MM FLANGE SOCKET	**7168**
	400MM FLANGE SOCKET	**11976**
	AIR TEE 110x40	**3300**
	AIR TEE 160x40	**4024**
	AIR TEE 200x40	**5275**
	AIR TEE 250x40	**6539**
	AIR TEE 315x80	8132
	AIR TEE 400x100	13297
	REDUCER 110x90	2100
	REDUCER 160x110	2816
	REDUCER 200x160	4662
	REDUCER 250x200	7261
	REDUCER 315x250	10410
	REDUCER 400x315	15212
	110x110 EQUAL TEE	4832
	160x160 EQUAL TEE	7464
	200x200 EQUAL TEE	10038
	250x250 EQUAL TEE	12134
	315x315 EQUAL TEE	15619
	400x400 EQUAL TEE	20268

42. RATES FOR GI Pipes FOR 2026-27

1.	Manufacture, supply, & delivery of GI Pipes of various sizes as per IS-1239 and transportation anywhere in Andhra Pradesh, excluding GST.	
	DIA. IN MM	**Rate/Meter**
	15mm GI 'B' Class Pipe	**178.10**
	20mm GI 'B' Class Pipe	**226.50**
	25mm GI 'B' Class Pipe	**324.65**
	32mm GI 'B' Class Pipe	**403.17**
	40mm GI 'B' Class Pipe	**475.65**
	50mm GI 'B' Class Pipe	**649.30**
	65mm GI 'B' Class Pipe	**818.42**
	80mm GI 'B' Class Pipe	**1023.78**
	100mm GI 'B' Class Pipe	**1454.13**
	125mm GI 'B' Class Pipe	**2000.75**
	150mm GI 'B' Class Pipe	**2289.16**

43. RATES FOR MICRO-FILTER FOR 2026-27

S. No	Description of the Item	Rate for SoR 2026-27	
		Per	**Rate**
	Manufacture, supply, delivery, installation, testing, commissioning, and comprehensive maintenance of a multi-stage **Micro-Filter Unit.** The unit shall comprise a **Stage-1 Primary Filtration Vessel** filled with a multi-grade sand/pulverized quartz media bed, a **Stage-2 Adsorption Vessel** filled with Granular Activated Carbon (GAC), and a **Stage-3 Fine Microfiltration Housing Assembly** fitted with modular Lego filters/polymeric elements rated at **5.0 microns or 3000 mesh**. All pressure vessels must be vertically oriented, cylindrically shaped with dished ends, and constructed of Carbon Steel/Mild Steel with internal food-grade FRP (Fibre Reinforced Plastic) lining for corrosion prevention, and coated externally with two coats of red-oxide/zinc primer followed by two coats of anti-corrosive epoxy paint. The entire assembly must include a chemical coagulant dosing system, an online auto-monitoring chlorine doser for post-disinfection, a high-efficiency centrifugal feed pump set with a digital starter/control panel, interconnected Stainless Steel (SS304/316) internal piping, visual dial pressure gauges, sampling valves, outside ladders, and backwash/reverse wash drain arrangements. Including 24 Mtrs of MS/GI Pipe for Inlet, Outlet, Backwash Arrangements. The final treated water must strictly comply with IS -10500 standards for drinking water in all parameters, complete with all materials, labour, transport, and defect liability period maintenance as per departmental technical specifications."		
1	for 0.5 MLD Micro Filter	**1 Liter**	**1.38**
2	for 1.0 MLD Micro Filter	**1 Liter**	**1.34**
3	for 2.0 MLD Micro Filter	**1 Liter**	**1.30**

GOVERNMENT OF ANDHRA PRADESH

BUILDINGS SoR: 2026-27

SCHEDULE OF RATES
FOR
BUILDINGS WORKS

FOR THE YEAR 2026-27

ALL ENGINEERING
DEPARTMENTS

Office of the Engineer-In-Chief (R&B) Buildings& RSW
Convener-Member,
Committee of Chief Engineers-Buildings-SoR

Procs.No. 20938/SOR/DCE(B)/EE(B)/DEE(B)/AEE/2021, Dt. .07.2026

Sub:- Printing of Buildings-SoR for all the Engineering Departments specific to the functioning of Building works – Buildings-SoR:2026-27– Communication of Buildings-SoR – Reg.,

Ref:- 1. G.O.Rt.No.95, T, R&B (R.1) Dept, dt:18.01.2015.
2. Minutes of Committee of Chief Engineers meetings for finalizing the Building-SoRs held on .06.2026

*****

The Government of Andhra Pradesh have constituted a Committee of Engineer -in-Chiefs /Chief Engineers of Engineering departments dealing with Building works for finalizing and communicating Buildings-SoR (Civil & Electrical) vide G.O. 1st cited.

In accordance therewith, the Committee has in their concluding meeting dt: .06.2026 finalized and approved the Buildings-SoR: 2026-27.

The rates for the Building items (Civil, Water Supply & Sanitary and Electrical items) are to be followed henceforth by all the concerned departments for building works. The rates for Labour, Common Material & Work items, Public Health items, Conveyance Rates of Materials & Hire charges are applicable as per approved and published Common SoR-2026-27 .

The Heads of Departments mentioned below are authorized to print the Buildings-SoR: 2026-27. Unauthorized printing & selling of the Buildings-SoR is strictly prohibited.

The Buildings SoR 2026-27 will come into force along with common SoR from the date decided by the BoCE.

The receipt of the proceedings may please be acknowledged.

Encloseres: Buildings SoR: 2026-27 as above

Sd/- XXXXXXXXXXX
Chief Engineer (R&B) Buildings,
Convener-Member,
Committee of Chief Engineers-Buildings-SoR

To

1) Engineer-In-Chief, Public Health Engineering, Member, Flat No.504 &601, Garuda Enclave, Tadepalli , Guntur-522501.
2) Engineer-In-Chief,Panchayathraj, Member, Administration, PMGSY,APRRP-AIIB,VQC,ZP compound, opp PWD Grounds, MG Road, Vijayawada - 520002.
3) Engineer-In-Chief,Tribal Welfare , Member, D.No.40-6-22A, Kandhari Hotel Road, Adjacent to Southern Spice, Revenue Colony, Vijayawada-520010.

4) Chief Engineer, A.P. Housing Board, Member,D.No. 5-21, Prasadampadu, Elururoad, Vijayawada -521108
5) Chief Engineer, A.P.Housing Corporation, S.P's river view apartments, 2nd floor, Tadepalli , Amaravati-522501..
6) Chief Engineer, APSRTC,RTC House, 1st Floor of PNBS,Vijayawada.
7) Chief Engineer, A.P. Medical Services and Infrastructure Developmen Corporation, Member, Autonagar, Mangalagiri, 522503. Andhrapradesh
8) Chief Engineer, Police Housing Corporation, AP, Member, Tadepalli, Vijayawada
9) Chief Engineer (R&B) Electrical, Member, M.G.Road, Vijayawada.
10) Chief Engineer, Civil TTD, Member, Administrative Building, KT Road, Tirupathi, 517501 -AP.
11) Chief Engineer, O/o Vijayawada Municipal Corporation, Canal road, Krishnalanka, Vijayawada ,520001A.P.

Copy to

1. The Engineer-in-Chief (Admn ,), R&B Department, M.G road, Vijayawada.
2. The Chief Engineer (QC), R&B Department, M.G road , Vijayawada .
3. The Chief Engineer (COT), 76-16-4A/1,1st floor, Iron Yard, Opp. to Ramayalam, Gollapudi, Vijayawada-520012.
4. The Chief Engineer, APRSCL, D.No.5-21, Hostel Road, Prasadampadu, Vijayawada- 521108.
5. The Chief Engineer, APEWIDC, Door No.9-76 ,Sai fortune Heights , Block A, Vaddeswaram Village, Guntur District - 522 502.

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BUILDINGS SOR: 2026-27

(Civil, Water Supply & Sanitary, Electrical and Electro-Mechanical items)

PREAMBLE

1.0 INTRODUCTION

The Government have issued orders vide. G.O.Rt.No.95, T, R&B (R.1Buildings) Dept., dt:18.01.2015 constituting a Committee comprising of Chief Engineers of departments in-charge of execution of building works for finalization of Schedule of Rates for Buildings (Civil, Water Supply & Sanitary and Electrical and Electro-Mechanical items). The meeting of the above "SoR Committee of Chief Engineers for Buildings (Civil, Water Supply & Sanitary, Electrical and Electro-Mechanical items)" was convened several times during the year 2026-27 and finalized on 05.06.2026 with an objective to finalize and release the Buildings- SoR: 2026-27.

For Labour Rates the labour commissioner of AP recommendations are taken into account. BoCE labour rates are refered. For different sections of materials, market rates are obtained utilizing the services of member departments.

Meetings were conducted with the members of SABCA (Andhra Pradesh) to receive the feedback, certain market trends and data on need for updating the SoR rates for the year 2026-27

The market and price indices were found to be volatile and fluctuating. The base prices of the materials impacted by the variation due to HSD/ Petrol is considered. Similarly, the impact of international price variations due to recent developments were also considered.

The rates and procedures followed in Telangana SoR 2026-27 and the present rates taken in the guidance .

2.0 APPLICABILITY OF COMMON SOR – 2026-27

The rates of labour, common materials & work items, Public Health items, conveyance rates of materials & hire charges approved and published in Common SoR-2026-27 remain applicable. The specifications, stipulations & all other conditions of Common-SoR other than those specified in this context remain applicable.

3.0 QUOTATION ITEMS

Requests for inclusion of new items have been examined with respect to the market trends, technological changes, need for use and general practices. For those items where specific quotations from the manufacturers, suppliers or vendors are received, lowest quoted rates are considered and specifications were included in Buildings SoR: 2026-27.

4.0 OVERHEADS & CONTRACTORS PROFIT

a. The provision of 'Over Heads and Contractor's Profit @ 13.615% shall be allowed in all the data items of the estimates and rates of the finished items in building works where 'Contractors All Risk' policy is dispensed with.

b. It is reiterated that the provision of 'Over Heads and Contractor's Profit' is applicable to Building works since the advent of the AP. Revised standard data-2009, which is approved by the Government in G.O.Ms.No.49 I&CAD (PW-Reforms) Dept., dated: 02-03-2009 and this component shall be operative on all the data items of the estimates and rates of the finished items published in **Buildings SoR for all original works and Renovation works subject** to the fulfillment of the conditions given

below:

i. Site accommodation, setting up plant, access road, water supply, electricity and general site arrangements.

ii. Office furniture, equipment and communications.

iii. Expenditure on:

a) Corporate office of contractor.

b) Technical agents for site supervision. (Reimbursement to the technical agents provision is dispensed with where 'over heads and contractor's profit' provision is included in the data rates)

c) Documentation and "**as built**" drawings.

d) Mobilization/ de-mobilization of resources.

e) Labour camps with minimum amenities and transportation to work sites.

f) Light vehicles for site supervision including administrative and managerial requirements.

g) Laboratory equipment and quality control including field and laboratory testing. (***For all the works costing more than Rs.2 Crores contractors have to establish Quality Control laboratory***)

h) Minor T & P and survey instruments and setting outworks, including verification of line, dimensions, etc.

i) Watch and ward.

j) Traffic management/ Safety management during construction.

k) Expenditure on safeguarding environment.

iv. Sundries.

v. Financing Expenditure.

vi. Sales/ Turn overtax is replaced with GST wef 01.07.2017. The rates arrived in this SoR are only basic rates which are exclusive of all taxes. However, as per the suggestion of BoCE, the provision towards Works Contract Tax as per applicable GST rates shall be added in the estimates.

vii. Work Insurance/ compensation - Works insurance is dispensed with vide G.O. Ms. No: 61 Irrigation & CAD (PW: Reforms) Department Dt. 25-06-2013. Further, It is decided not to insist upon insuring all the building works as provision for this component is already deleted from the 'Overheads & Contractor's Profit' in building works.

5.0 OTHER GUIDELINES

1. Municipal Area Allowance, Agency or Tribal area allowance or any such allowance on the labour components of civil, water supply & sanitary items, Electrical and Electro-Mechanical items of building works shall be allowed wherever applicable as per the guidelines and preamble of Common SoR: 2026-27. For the building work estimates taken up in the notified Area Development Authorities constituted by the Government, the Area Allowance on the labour components of civil, water supply & sanitary items, Electrical and Electro-Mechanical items of building works may be allowed on specific recommendation from such Area Development Authorities.
2. For the structures where the Standard and High Strength Concretes vide IS: 456- 2000 is required, mix design shall be carried out and rates may be arrived as per the rate analysis appended in the A.P. Revised Standard Data-2009.
3. Certain items in the SoR are deleted due to change in the specification and some not in use / non- availability in the market etc.,Further some new items are added
4. The Electrical and Electro-Mechanical items and corresponding rates, as proposed by the Chief Engineer (R&B) Electrical have been considered in the Buildings SoR-2026-27- 26.
5. The specifications of the aggregates for sizes and gradation and its adoption shall be as per IS 383-1970 and IS 2386 (Part 1 to Part 8).
6. No allowance towards 'Labour Importation & Labour Amenities' shall be added to the data as they are included in the provision of 'Over heads and contractor's profit'.
7. For all the materials, the basic rates given in the Buildings SoR are 'landing prices' at

the site which are exclusive of all taxes, except where mentioned specifically.

8. For Water Supply Sanitary items, the rates are enhanced over SoR 2025-26 rates by 1.49 %.
9. UPVC pipes were included in \water supply and sanitary items.
10. PEB structures were incorporated in AB section
11. The estimate preparing and sanctioning authorities are requested to invariably enclose (i) quarry maps showing the shortest distance from the work site to the quarry from where materials are proposed to be carted and (ii) certificates of quality, quantity, and availability of materials in the identified quarries, for all those lead items of estimate at the time of technical sanctions.
12. For the materials where the basic rates are mentioned as 'quarry rates' in the Buildings SoR lead charges are to be added for the lead distances from the approved quarries as applicable. Wherever the term "carriage" or "conveyance" is used in schedule item, it shall be taken to include actual leads, lifts, loading, unloading and stacking to the satisfaction of the technical sanctioning authority while making the price-adjustments.
13. The conveyance charges per unit quantity of the materials are worked out, and provided in the schedule of rates reckoning
    i) for head loads with increment of 50 m upto 150m
    ii) for mechanical conveyance with increment of 1 KM.
14. For building works taken up in the hill areas where the materials are conveyed on ghat roads, the lead distance may be taken as 2.0 times of the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.
15. Loading and unloading charges are not payable for conveyance by head load.
16. Loading and Unloading charges are not payable for conveyance by mechanical means, for disposal of excavated material unless specified.
17. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone, are inclusive of stacking wherever applicable.
18. The input rate for the water charges taken in Common Standard Schedule of Rates for the basic data is for the sources at site, any water lead as applicable may be allowed as per the conveyance charges.
19. Unless otherwise specified, all material rates shall be exclusive of all taxes, duties, levies, royalty/seigniorage.
20. Any errors, omissions, corrections or suggestions shall be brought to the notice of the 'COMMITTEE OF THE CHIEF ENGINEERS (Buildings SoR)' for corrective action.
21. For any new items to be included in the 'Schedule of Rates', recommendations with specific remarks of the respective departments should reach the 'Committee of Chief Engineers' well in advance.
22. The CWC (Ministry of Irrigation) has recommended that "where standard or schedule of rates are revised or where is necessary to do so, the primary guiding principle should be escalation in labour and material cost and not on trend of rates quoted by the contractors". The 'Committee of Chief engineers' (Buildings SoR) have considered the practicality and adoptability of the 'Buildings-SoR' in construction of the building projects in finalizing the 'Buildings-SoR'.
23. Wherever feasible, more emphasis is given to the technical specifications for the SoR items by removing the brand names of the manufacturers from the specification.
24. The technical specifications and the rates of the corresponding items given in the SoR are for the guidance only. The estimate preparing authorities are requested to obtain literature for usage / application of construction / water proofing materials, epoxies etc, from the manufacturers or authorized suppliers in the contract documents as per the requirement.
25. Steel Centering & Scaffolding charges for Shear walls, RCC walls and Water tank walls are incorporated in this Buildings SoR 2026-27. The rates given in the SoR are for both faces of the respective members. The measurement of centering charges shall be in 'sqm' for one face only and the centering charges given are for two faces of centering.
26. Double Grooved and Precoated extruded Mineral (Cement) roof tiles are introduced.

27. Clarity on nomenclature of Floors for data calculations is given as below

For	To Read
GF	F1
FF	F2
SF	F3
TF	F4

28. A separate section for Post Tensioning works is introduced.

6.0 CONCLUSION

1. The Committee of Chief Engineers on Buildings-SOR: 2026-27 (Civil & Electrical) has met in the chambers of Chief Engineer (R&B) Buildings& RSW, several times during the year 2026-27 and approved the Buildings SoR:2026-27, without any tax elements based on the representations received from various Engineering Departments. GST shall be provided as per GST Act in Part-B of the estimate during preparation of estimates.

2. SSR Rates for Civil, Sanitary & water supply and Electrical Items are purely for the guidance of the officers in preparation of estimates vide Para 113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in Para 45 of APPWD code.

3. The rates published in the Buildings SOR are ceiling rates and the estimate preparing authorities are responsible for the correctness and reasonableness of the Technical Specifications and Rates adopted in the estimates.

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

BUILDING ITEMS

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
A.SECTION			**BRICKS & BUILDING BLOCKS (ex-quarry price - excluding cost of conveyance, loading & unloading)**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I. SUB- SECTION			**ORDINARY CLAY BRICKS**		
1	MAT-00721	BMT-A.01	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Non- Modular of traditional size 23 x 11 x 7 cm	1000 Nos	8548
2	MAT-00748	BMT-A.02	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Modular of traditional size 19 x 9 x 9 cm	1000 Nos	9413
II. SUB- SECTION			**FLY-ASH CEMENT/LIME SOLID BLOCKS (ex-quarry price - excluding cost of conveyance, loading & unloading)**		
3	MAT-00749	BMT-A.03	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 225 x 140 mm	Each	31
4	MAT-00750	BMT-A.04	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 200 x 140 mm	Each	31
5	MAT-00751	BMT-A.05	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 150 x 140 mm	Each	26
6	MAT-00752	BMT-A.06	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 290 x 112/100 x 140 mm	Each	21
7	MAT-00753	BMT-A.07	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 225 x 100 x 60 mm	Each	11
8	MAT-00754	BMT-A.08	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 145 x 225 x 140 mm	Each	16
9	MAT-00755	BMT-A.09	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 - 145 x 200 x 140 mm	Each	17
10	MAT-00756	BMT-A.10	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -290 x 225 x 140 mm	Each	33

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
11	MAT-00757	BMT-A.11	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -290 x 200 x 140 mm	Each	26
12	MAT-00758	BMT-A.12	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 - Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -290 x 150 x 140 mm	Each	26
13	MAT-00759	BMT-A.13	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -290 x 112/100 x 140 mm	Each	17
14	MAT-00760	BMT-A.14	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -225 x 100 x 60 mm	Each	09
15	MAT-00761	BMT-A.15	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -145 x 225 x 140 mm	Each	15
16	MAT-00762	BMT-A.16	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 -145 x 200 x 140 mm	Each	14
17	MAT-00763	BMT-A.17	Supply of well burnt cinder aggregates as per IS: 2686-1977	1 Cum	706
III. SUB- SECTION			**AUTOCLAVED CONCRETE BLOCKS (*landing cost - including cost of conveyance, loading & unloading*)**		
			Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm^2		
18	MAT-00764	BMT-A.18	600 x 200 x 100 mm	Each	44
19	MAT-00765	BMT-A.19	600 x 200 x 150 mm	Each	66
20	MAT-00766	BMT-A.20	600 x 200 x 200 mm	Each	88
21	MAT-00767	BMT-A.21	600 x 200 x 230 mm	Each	101
22(a)	MAT-05337	BMT-A.22	Supply of Cement based, Polymer modified Pre-mixed dry jointing mortar for laying AAC Blocks – Masonry Glue 110 or equivalent	1Kg	12.5
22(b)		BMT-A.23	Supply of Cement based, Polymer modified pre-mixed bonding coat for plastering on smooth concrete/masonry surfaces.	1Kg	12.5

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with no preference shown to any company.					
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026-27 (Rs.)**
1		**2**	**3**	**4**	**5**
22(c)		BMT-A.24	Supply of Cement based, Polymer modified pre-mixed dry plastering mortar for plastering walls, columns, ceilings.	1Kg	12.5
22(d)		BMT-A.25	Supply of Cement based, Polymer modified pre-mixed dry mortar for fixing tiles on walls & floors	1Kg	12.5
B.SECTION			**NATURAL FLOORING STONES (ex-quarry price – excluding cost of conveyance, loading & unloading)**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB- SECTION			**LOCALLY AVAILABLE FLOORINGSTONES**		
23	MAT-00768	BMT-B.01	Kadapa slab 40 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	136
24	MAT-00769	BMT-B.02	Kadapa slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	158
25	MAT-00770	BMT-B.03	Shahabad /Tandur Rough Stone slabs of minimum of 25 mm thick	10 Sqm	1255
26	MAT-00771	BMT-B.04	Shahabad / Tandur Rough Stone slabs of minimum 40 mm thick	10 Sqm	1638
27	MAT-00772	BMT-B.05	Polished Shahabad/ Tandur stone slabs of 15 to 18 mm thick	10 Sqm	2075
28	MAT-00773	BMT-B.06	Polished black Kadapa slabs minimum of 15 mm thick (0.457x0.457M)	10 Sqm	1910
29	MAT-00774	BMT-B.07	Polished Bethamcherla pure (marble type) white stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	5000
30	MAT-00775	BMT-B.08	Polished Bethamcherla coloured stone minimum 25 mm thick (0.254M x0.254M)	10 Sqm	3480
31	MAT-00784	BMT-B.17	Polished black Kadapa slabs of all sizes between 25 - 30 mm thickness	10 Sqm	2000
II.SUB- SECTION			**NATURAL FLOORING STONES –MARBLE**		
32	MAT-00779	BMT-B.12	Polished Marble slabs of Dongari/ Adanga/ Marodh/ Rajgangpur etc., variety of thickness between 16 mm to 20 mm of sizes from 600 mm to 900 mm	1 sqm	810
33	MAT-00780	BMT-B.13	Polished Marble slabs of Dongari/ Adanga/ Marodh/ Rajgangpur etc., variety of thickness between 16 mm to 20 mm of sizes up to 600 mm	1 sqm	662
34	MAT-00781	BMT-B.14	Polished Marble slabs of any variety and gang saw cut (Such as Dongari/ Adanga/ Marodh/ Rajgangpur etc) 16 mm to 20 mm (average) thick (0.610 M width of any length)	1 sqm	1115

35	MAT-00782	BMT-B.15	Polished Marble Tiles of 8 - 10 mm thickness of all sizes and varieties	1 sqm	532
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026-27 (Rs.)**
1		**2**	**3**	**4**	**5**
			NATURAL FLOORING STONES –GRANITE		
36		BMT-B.18	Galaxy Granite 18-20 mm thick upto 2.43M (Premium Quality)	1 sqm	2293
		BMT-B.19	Telephone Black Granite 18-20 mm thick upto 2.43M	1 sqm	1950
		BMT-B.20	Anti - skid Granite (Black) 18-20 mm thick upto 2.43M (For Stair case)	1 sqm	1608
		BMT-B.21	Tan brown Granite 18-20 mm thick upto 2.43M	1 sqm	968
		BMT-B.22	Cheeta Brown Granite 18-20 mm thick upto 2.43M	1 sqm	1306
		BMT-B.23	Jasmine Red 18-20 mm thick upto 2.43M	1 sqm	1306
		BMT-B.24	Moon White 18-20 mm thick upto 2.43M	1 sqm	1510
		BMT-B.25	Cheery Red 18-20 mm thick upto 2.43M	1 sqm	1186
		BMT-B.26	Multi red colour Grantie 18-20 mm thick upto 2.43M	1 sqm	1306
	New Item	BMT-B.27	Flamed Finished Granite any Colour 30mm thick	1 sqm	1500

C.SECTION	**WALL & FLOOR TILES (Landing cost – including loading,cost of conveyance, unloading)**

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

I.SUB- SECTION			**NON-PORCELAIN CERAMIC FLOORTILES**		
40	MAT-00785	BMT-C.01	Supply of Non-skid red or white full body Ceramic floor tiles of Size 300 mm x 300 mm and thickness between 7-8 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	396.40

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
41	MAT-00786	BMT-C.02	Supply of Non-skid red or white full body Ceramic floor tiles of Size 450 mm x 450 mm and thickness between 7-8 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	390
42	MAT-00787	BMT-C.03	Supply of Non-skid red or white full body Ceramic floor tiles of Size 600 mm x 600 mm and thickness between 8-10 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	520
43	MAT-00788	BMT-C.04	Supply of Non-skid red or white full body Ceramic floor tiles of Scratch free-stain free and scratch free-nano finish of Size 600 mm x 600 mm and thickness between 8-10 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	sqm	530
II. SUB- SECTION			**PORCELAIN VITRIFIED FLOOR TILES**		
44	MAT-00789	BMT-C.05	**ITEM DELETED**		
45	MAT-00790	BMT-C.06	Supply of soluble salt porcelain vitrified tiles screen printed and polished of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs.	1 sqm	425
46	MAT-00791	BMT-C.07	Supply of Nano polished /stain free soluble salt porcelain vitrified tiles screen printed of size 600 x 600 mm and thickness between 8-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	462
47	MAT-00792	BMT-C.08	**ITEM DELETED**		
			Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs		

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
48	MAT-00793	BMT-C.09	Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of Size 600 x 600 mm and thickness between 8-10 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	625
49	MAT-00794	BMT-C.10	Supply of Double charged / multi charged stain free full body porcelain vitrified tiles with double layer pigment of Size 800 x 800 mm and thickness between 9-11 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 Sqm	770
50	MAT-00795	BMT-C.11	**ITEM DELETED**		
51	MAT-00796	BMT-C.12	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and Size 800 x 800 mm and thickness between 9-11 mm of 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	770
52	MAT-00797	BMT-C.13	Supply of digital / polished glazed full body porcelain vitrified tiles with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and Size 900 x 900 mm and thickness between 9-11 mm of 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	960
52(a)		BMT-C.13 (a)	Supply of glazed vitrified tiles with matt finish of size 600 x600mm and thickness between 9-10 mm 1st quality confirming to IS: 13711,IS: 13712,IS: 13630 (Parts 1 to 15) of any colur and finish in all shades and designs .	1 sqm	825
53 to 59		BMT-C.14 to BMT-C.20	**ITEMS DELETED**		

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III.SUB- SECTION			CERAMIC WALL TILES		
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026-27 (Rs.)**
	1	**2**	**3**	**4**	**5**
60	MAT-00805	BMT-C.21	Supply of glazed red or white full body ceramic wall tiles of Size 200 x 300 mm / 245 mm x 325 mm and thickness 6 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	330.00
61	MAT-00806	BMT-C.22	Supply of glazed red or white full body ceramic wall tiles of Size 300 x 450 mm / 320 mm x 400 mm and thickness 6 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	426.00
62	MAT-00807	BMT-C.23	Supply of glazed red or white full body ceramic wall tiles of Size 300 x 600 mm and thickness between 6-8 mm and 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	556.00
IV.SUB-SECTION			**PORCELAIN WALL TILES**		
63	MAT-00808	BMT-C.24	Supply of glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	597.00
64	MAT-00809	BMT-C.25	Supply of **digital / polished** glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	599.00

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
65	MAT-00810	BMT-C.26	Supply of digital / polished glazed full body porcelain **highlighter** wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	605.00
66	MAT-00811	BMT-C.27	Supply of screen printed glazed full body porcelain wall tiles of size 300 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	631.00
67	MAT-00812	BMT-C.28	Supply of glazed full body porcelain wall tiles of size 400 x 600 mm with any type of design texture such as marble finish, wooden, bamboo, stone finishes etc., scratch less, stain free and thickness between 6-8 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	710.00
68 to 70		BMT-C.29 to BMT-C.31	**ITEMS DELETED**		
71	MAT-00816	BMT-C.32	Providing and fixing wall dado with epoxy emulsion grout/ synthetic/ resin based adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles	1 sqm	345
72	MAT-00817	BMT-C.33	Providing and fixing wall dado with cement based adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles	1 sqm	177
73	MAT-00818	BMT-C.34	Providing and fixing flooring with full depth jointing and pointing to the Vitrified/ Ceramic Tile flooring in specified thick for tiles of any sizes with epoxy emulsion grout/ synthetic / resin adhesive in width of 3-5 mm with Nylon spacers excluding cost of tiles.	1 sqm	352
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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
74	MAT-00819	BMT-C.35	Providing and fixing flooring with full depth jointing and pointing to the Vitrified/ Ceramic Tile flooring in specified thick for tiles of any sizes with cement based adhesive in width of 3-5 mm with Nylon spacers excluding cost of tiles .	1 sqm	178
75	MAT-00820	BMT-C.36	Providing and fixing flooring with full depth jointing and pointing to the Marble/ Granite flooring for any sizes with epoxy emulsion grout/ synthetic / resin based adhesive in width of 3-5 mm excluding cost of tiles.	1 sqm	645
76	MAT-00821	BMT-C.37	Providing and fixing flooring with full depth jointing and pointing to the Marble/ Granite flooring for any sizes with cement based adhesive in width of 3-5 mm excluding cost of tiles.	1 sqm	350
77		BMT-C.50	Breeze blocks of size 8'x8" and thickness 60mm	1 sqm	45
78		BMT-C.51	Ventilations of size 12"x18" and thickness 40mm	1 sqm	101
79		BMT-C.52	Ventilations of size 12"x24" and thickness 40mm	1 sqm	135
	V.SUB-SECTION		**GLASS MOSAIC TILES**		
79 to 81	BMT-C.38 to BMT-C.40		ITEMS DELETED		
	VI.SUB-SECTION		**WALL CLADDING TILES**		
82	MAT-00825	BMT-C.41	Supply of glazed full body porcelain tiles for external cladding purposes of any size and thickness between 6-10 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs.	1 sqm	594
83	MAT-00826	BMT-C.42	Supply of glazed red or white full body ceramic tiles for externalcladding purposes of any size and thickness between 5-7 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	468
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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
84	MAT-00827	BMT-C.43	Supply of glazed red or white full body ceramic tiles for external cladding purposes of any size and thickness between 10-12 mm 1st quality conforming to IS:13711, IS:13712, IS:13630 (Parts 1 to 15) of any colour and finish in all shades and designs	1 sqm	578
85	MAT-00828	BMT-C.44	ITEM DELETED		
86	MAT-08731	BMT-C.45	Brick tiles of size 230mm x 75 mm and 12mm thick	1 sqm	475
87	MAT-08732	BMT-C.46	Natural stone (Bethamcherla or equivalent) of size not exceeding 300mm x300mm and 18-20mm thick	1 sqm	595
88	MAT-08733	BMT-C.47	Terracotta tiles size 125mm x 200mm and 12-15mm thick	1 sqm	426
VII SUBSECTION			**EPOXY FLOORING, COVING**		
89	MAT-08734	BMT-C.48	Supply and application of epoxy flooring of light green or light blue colour seamless joint free finish with 3mm thickness and anti slip & water washable chemical resistance durable and non particle shedding with attractive finishing	1 sqm	1220
90	MAT-08735	BMT-C.49	Supply and application of epoxy coving 50mmx50mm width at the corners of the walls	1 RM	530
VIIISUB-SECTION			**ROOF TILES**		
91		BMT-C.53	Supply and installation of Double grooved and precoated extruded mineral (cement) roof tiles of size 420 mmx330 mm of corrugated profile tiles with variable overlapping for coverage of 1-1.2 per tile with European standards BEEN 490:2004		
91 (a)		BMT-C.53(a)	Monotone colour ; Orange, red	1 Sqm	1250
91(b)		BMT-C.53 (b)	Dual colours : Antique Red, Grey, Brown etc	1 Sqm	1390
91(c)		BMT-C.53 (c)	Premium Colors : Antique green and blue	1 Sqm	1720
92		BMT-C.54	Supply and installation of precoated extruded mineral (cement) ridge tiles and other fittings of same brand		
92. (a)		BMT-C.54 (a)	Monotone colour ; Orange, red	1 Sqm	566
92. (b)		BMT-C.54(b)	Dual colours : Antique Red, Grey, Brown etc	1 Sqm	639
92. (c)		BMT-C.54 (c)	Premium Colors : Antique green and blue	1 Sqm	735

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
93		BMT-C.55	Supply of Imported Heat reflective cum Water Proof Sheet Veltiun RadenSheild of thickness 550 micron+/-10 microns with Nail Sealant for complete water tightness, Poly proplene Spun bound layer for better strength and Aluminium Foil for Heat Reflection of size per roll is 1.25X50m for coverage of 62.5 Sqmtrs with required tape for joints and overlapping.	1 Sqm	745
94		BMT-C.56	Supply of Imported UV Resistant & Flame Resistant Stretchable Corrugated surface with Special adhesive for avoiding Cement Motor under Ridges size of Roll is 5MX25Cms	1 Sqm	1090
95		BMT-C.57	Supply of High Quality Aluminium Bent valleys which can easy foldable as per site condition to prevent back flow of rain Water Back Flow and to avoid leakages at Valley Area of size 1.2MX36Cm of any Reputed make	1 sqm	960
D.SECTION			**PAVING & INTERLOCKING TILES**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB- SECTION			**TERRAZO FLOOR TILES (PLAIN & CHEQURED) (landing cost - including cost of conveyance, loading & unloading)**		
96	MAT-00829	BMT-D.01	Supplying precast terrazzo chequered tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick of any coloured shades.	1 sqm	331
97	MAT-00830	BMT-D.02	Supplying precast terrazzo tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick white shades.	1 sqm	347
98	MAT-00831	BMT-D.03	Supplying precast terrazzo plain tiles conforming to IS: 13801 using marble aggregates of size 10 mm , sand, marble powder, white cement pigments etc., with terrazzo topping not less than 6 mm of tiles overall size not less than 20 mm thick any coloured shades.	1 sqm	357

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
II.SUB- SECTION			CEMENT CONRETE FLOOR TILES (PLAIN & CHEQUERED)		
99	MAT-00832	BMT-D.04	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 20 mm of any shades.	1 Sqm	268
100	MAT-00833	BMT-D.05	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 20 mm of any shades.	1 Sqm	315
101	MAT-00834	BMT-D.06	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 25 mm of any shades.	1 Sqm	326
102	MAT-00835	BMT-D.07	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 300 x 300 mm and thickness 25 mm of any shades.	1 Sqm	366
103	MAT-00836	BMT-D.08	Supplying plain Cement Concrete general purpose tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades.	1 Sqm	342
104	MAT-00837	BMT-D.09	Supplying Chequered Cement Concrete heavy duty tiles conforming to IS: 13801 using aggregates, cement, pigments of size 400 x 400 mm and thickness 25 mm of any shades.	1 Sqm	347
105	MAT-00838	BMT- D.10	Supply of high strength Cement Concrete plain Step tile with edge half rounded and grooved conforming to IS: 13801 using aggregates, cement, pigments of regular colour, design andof 25 mm thickness	1 Sqm	525
106	MAT-00839	BMT- D.11	Supply of high strength Cement Concrete terrazzo/pre-polished/ chequered Step tiles with edge rounded and grooved conforming to IS: 13801 using aggregates, cement, pigments of any premium colour, design and of 25 mm thickness	1 Sqm	552
III.SUB- SECTION			PRE-CAST CONCRETE BLOCKS FORPAVING		
107	MAT-00840	BMT- D.12	Supply of precast concrete blocks for paving of M-30 grade and thickness not less than 50 mm for Non-traffic areas conforming to IS 15658:2006 in allshapes and designs as per themanufacturer's specification	1 Sqm	368

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
108	MAT-00841	BMT-D.13	Supply of precast concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Light traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	410
109	MAT-00842	BMT-D.14	Supply of precast concrete blocks for paving of M-40 grade and thickness not less than 80 mm for Medium traffic areas conforming to IS 15658:2006 in allshapes and designs as per the manufacturer's specification	1 Sqm	578
110	MAT-00843	BMT-D.15	Supply of precast concrete blocks for paving of M-50 grade and thickness not less than 100 mm for Heavy traffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	641
111	MAT-00844	BMT-D.16	Supply of precast concrete blocks for paving of M-55 grade and thickness not less than 120 mm for very heavy traffic areas conforming to IS 15658:2006 in allshapes and designs as per the manufacturer's specification	1 Sqm	735
112	LAB-01180	BMT-D.17	Labour charges for laying & fixing of precast concrete blocks for paving of all grades, any thickness, all sizes & shapes including all labour charges for loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm	210
113	MAT-08736	BMT-D.21	Supply of Glass Fiber Reinforced Concrete Tiles of size 300 x 300 mm /400 x 400 mm and thickness of not less than 25mm heavy duty conforming to IS 13801 in all shapes and designs as per the manufacturer's specification	1 Sqm	448
114	MAT-08737	BMT-D.22	Supply of Glass Fiber Reinforced Concrete Pavers of size 225 x 175 mm and thickness of not less than 60mm heavy duty conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification	1 Sqm	606
IV.SUB-SECTION			**VINYL FLOORING**		
115	MAT-05338	BMT-D.18	**Vinyl Flooring** Sheets/ tiles having a nominal total thickness of 2 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	622

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
116	MAT-05339	BMT-D.19	Vinyl Composition Floor Tiles of size 305 mm x 305 mm having an overall thickness of 2.0mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	642
117	MAT-05340	BMT-D.20	Vinyl Flooring Sheets or tiles having a nominal total thickness of 1.5 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, color pigments with wearing resistance and Fire Resistance as per standards	1 Sqm	396
118		BMT-D.23	Grass pavers of size 10”x10” and thickness 60mm	1 Sqm	53
119		BMT-D.24	Grass pavers of size 12”x12” and thickness 60mm	1 Sqm	74
120		BMT-D.25	Roof cool tiles of size 10”x10” and thickness 15mm	1 Sqm	32
	E.SECTION		**TIMBER & ROOFING MATERIALS** ***(Landing cost – including cost of conveyance, loading & unloading)*** ***Note: Before proposing the Teak WoodItems, the estimating authorities shall obtain prior approval from the competent authority***		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB- SECTION			**MEDIUM TEAK WOOD**		
121	MAT-00846	BMT- E.01	Medium Teak Wood scantlings: up to 2.0 M	1 cum	87980
122	MAT-00847	BMT- E.02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	100768
123	MAT-00848	BMT- E.03	Medium Teak Wood scantlings: above 3.0 M	1 cum	113501
124	MAT-00849	BMT-E.04	**Medium Teak Wood Plancks:** any thickness	1 cum	177494
II.SUB- SECTION			**BEST TEAK WOOD**		
125	MAT-00850	BMT-E.05	Best Teak Wood scantlings: up to 2.0 M	1 cum	146906
126	MAT-00851	BMT-E.06	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	155499
127	MAT-00852	BMT-E.07	Best Teak Wood scantlings: above 3.0M	1 cum	169157
128	MAT-00853	BMT-E.08	Best Teak Wood Plancks: any thickness	1 cum	194579

III.SUB- SECTION			**BURMA TEAK WOOD**		
129	MAT-00854	BMT-E.09	Burma Teak Wood scantlings: up to 2.0 M	1 cum	195986
130	MAT-00855	BMT-E.10	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	207652
131	MAT-00856	BMT-E.11	Burma Teak Wood scantlings: above 3.0 M	1 cum	222721
132	MAT-00857	BMT-E.12	Burma Teak Wood Plancks: any thickness	1 cum	236468
IV.SUB- SECTION			**ASSAM TEAK WOOD**		
133	MAT-00858	BMT-E.13	Assam Teak Wood scantlings: any length	1 cum	54454
134	MAT-00859	BMT-E.14	Assam Teak Wood Plancks: any thickness	1 cum	80567
V.SUB- SECTION			**SAL/ COUNTRY WOOD**		
135	MAT-00860	BMT-E.15	Sal Wood scantlings: any length	1 cum	56612
136	MAT-00861	BMT-E.16	Sal Wood Plancks: any thickness	1 cum	80567
VI.SUB- SECTION			**ROOFING MATERIAL**		
137	MAT-00862	BMT-E.17	A.C sheet Corrugated 6 mm thick	1 sqm	251
138	MAT-00863	BMT-E.18	A.C sheet plain 4 mm thick	1 sqm	176
139	MAT-00864	BMT-E.19	A.C sheet plain 6 mm thick	1 sqm	185
140	MAT-00865	BMT-E.20	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm to 0.8 mm thickness)	1 kg	79
141	MAT-00866	BMT-E.21	Supply of UV resistant multi-wall polycarbonate sheets for roofing of any colour - 6 mm thick	1 Sqm	1331
142	MAT-00867	BMT-E.22	Aluminium universal glazing set 40 mm wide for jointing and fixing polycarbonate sheets	1 RM	131
143	MAT-05341	BMT-E.23	Supply of UV resistant multi -wall polycarbonate sheets for roofing of any colour -10 mm thick.	1 Sqm	1484

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F.SECTION			STEEL MATERIALS *(Landing cost –including loading, cost of conveyance,unloading)*		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB- SECTION			MILD STEEL MATERIALS		
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026-27 (Rs.)**
1		**2**	**3**	**4**	**5**
144	MAT-00895	BMT-F.29	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by end-locks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc complete for finished item of work as per special spn: 1108	1 Sqm	4585
145	MAT-00896	BMT-F.30	Supplying & fixing collapsible steel shutters with vertical, double channel of 20 x10x2 mm of 100 mm centre ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys, the top, bottom and side vertical frames of the collapsible gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixedwith locking arrangements, stoppers, handles, all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105	1 Sqm	3982
146	MAT-00875	BMT-F.09	Expanded metal sheets as per IS-412-1962- Light Weight-25 mm(SWM)x75 mm (LWM)3.25 mm Wide and 1.25 mm thick	1 Sqm	188
147	MAT-00876	BMT-F.10	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	188
148	MAT-00877	BMT-F.11	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	188

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
149	MAT-00878	BMT-F.12	Expanded metal sheets as per IS-412-1962- Medium Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 1.60 mm thick	1 Sqm	260
150	MAT-00879	BMT-F.13	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	259
151	MAT-00880	BMT-F.14	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	259
152	MAT-00881	BMT-F.15	Expanded metal sheets as per IS-412-1962- Heavy Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 2.24 mm thick	1 Sqm	277
153	MAT-00882	BMT-F.16	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	277
154	MAT-00883	BMT-F.17	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	277
156	MAT-00894	BMT-F.28	Rabbit wire mesh (chicken mesh) of not less than 30 gauge	1 Sqm	25
157	MAT-00869	BMT-F.02	Country Nails	1 Kg	83
158	MAT-00870	BMT-F.03	Wire Nails	1 Kg	83
159	MAT-00871	BMT-F.04	Mild Steel Tubes & pipes of all diameters as per IS-1161	1 Kg	90
159	MAT-00873	BMT-F.07	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type A - IOWA Type Designation as per standard specification	1 Kg	118
160	MAT-00874	BMT-F.08	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type B - Glidden Type Designation as per standard specification	1 Kg	108
161	MAT-00884	BMT-F.18	Galvanized Iron fly proof wire mesh of not less than 20 gauge	1 Sqm	280
162	MAT-00886	BMT-F.20	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	583
	II.SUB- SECTION		**GALVANIZED STEEL MATERIALS**		
163	MAT-00887	BMT-F.21	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	512
164	MAT-00888	BMT-F.22	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 3"x3" (76 mm x 76 mm) – 8 Gauge	1 Sqm	448

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
165	MAT-00889	BMT-F.23	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	315
166	MAT-00890	BMT-F.24	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	740
167	MAT-00891	BMT-F.25	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	618
168	MAT-00892	BMT-F.26	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	520
169	MAT-00893	BMT-F.27	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	405
	III.SUB- SECTION		**STAINLESS STEEL MATERIALS**		
170	MAT-00872	BMT-F.06	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters for - 304 Grade	1 Kg	473
171	MAT-00885	BMT-F.19	Stainless steel fly proof wire mesh of not less than 20 gauge	1 Sqm	635
172 to 180		BMT-F.32A to H	**ITEM DELETED**		
G.SECTION			**FIXTURES FOR DOORS & WINDOWS**		
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	I.SUB- SECTION		**TOWER BOLTS**		
181	MAT-00906	BMT-G.01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	189
182	MAT-00907	BMT-G.02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	303
183	MAT-00908	BMT-G.03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	402
184	MAT-00909	BMT-G.04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	469
185	MAT-00910	BMT-G.05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	562
186	MAT-00911	BMT-G.06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	63
187	MAT-00912	BMT-G.07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	74
188	MAT-00913	BMT-G.08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	95

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
189	MAT-00914	BMT-G.09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	124
190	MAT-00915	BMT-G.10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	150
191	MAT-00916	BMT-G.11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	181
192	MAT-00917	BMT-G.12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	384
193	MAT-00918	BMT-G.13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	572
194	MAT-00919	BMT-G.14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	32
195	MAT-00920	BMT-G.15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	47
196	MAT-00921	BMT-G.16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	63
197	MAT-00922	BMT-G.17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	84
198	MAT-00923	BMT-G.18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	105
II.SUB- SECTION			**HINGES**		
199	MAT-00924	BMT-G.19	Brass Butt hinges (IS:205)- 75 mm Long	Each	88
200	MAT-00925	BMT-G.20	Brass Butt hinges (IS:205)- 100 mm Long	Each	252
201	MAT-00926	BMT-G.21	Brass Butt hinges (IS:205)- 125 mm Long	Each	300
202	MAT-00927	BMT-G.22	Brass Butt hinges (IS:205)- 150 mm Long	Each	384
203	MAT-00928	BMT-G.23	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	95
204	MAT-00929	BMT-G.24	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	119
205	MAT-00930	BMT-G.25	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	142
		BMT-G.88	GI Powder Coated Friction Stay hinges of 10" Long for windows	Each	247
		BMT-G.89	GI Powder Coated Friction Stay hinges of 10" Long for windows	Each	352
		BMT-G.90	Supplying SS 304 Grade Heavy Duty pivot Hinges for windows	Each	95

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
		BMT-G.91	GI Powder Coated Friction stay hinges of 10" Long for windows	Each	252
		BMT-G.92	Continuous Piano Hinges Powder coated Mild steel as per IS-3818 : 1992 of nominal size 25 mm (B) of thickness 29 0.8 to 1.0 mm	Each	40
		BMT-G.93	Box hinges for cup boards	Each	51
		BMT-G.94	GI Powder Coated Friction stay hinges of 14" Long for windows	Each	352
		BMT-G.95	Stainless Steel Butt hinges (IS:12817)- 75 mm Long	Each	74
		BMT-G.96	Stainless Steel Butt hinges (IS:12817)- 100 mm Long	Each	130
		BMT-G.97	Stainless Steel Butt hinges (IS:12817)- 125 mm Long	Each	137
		BMT-G.98	Stainless Steel Butt hinges (IS:12817)- 150 mm Long	Each	177
		BMT-G.99	Supplying SS 304 Grade Heavy Duty pivot Hinges for windows	Each	95
		BMT-G.100	Labour Charges for removing and refixing with complete servicing of the MS windows	Sqm	539
		BMT-G.101	Supplying EPDM Gasket for windows panels to the PPS shutter	RM	37
206	MAT-00931	BMT-G.26	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	153
207	MAT-00932	BMT-G.27	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	13
208	MAT-00933	BMT-G.28	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	25
209	MAT-00934	BMT-G.29	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	37
210	MAT-00935	BMT-G.30	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	48
211		BMT-G.80	Providing and fixing **stainless steel (SS-304 grade)** friction hinges to theside/top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.		
212	MAT-05342	BMT-G.80.A	200 x 19 x 1.9 mm	Each	331
213	MAT-05343	BMT-G.80.B	250 x 19 x 1.9 mm	Each	377
214	MAT-05344	BMT-G.80.C	300 x 19 x 1.9 mm	Each	406

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
215	MAT-05345	BMT-G.80.D	350 x 19 x 1.9 mm	Each	548
216	MAT-05346	BMT-G.80.E	400 x 19 x 1.9 mm	Each	580
III.SUB- SECTION			**DOOR HANDLES**		
217	MAT-00936	BMT-G.31	Aluminium Door Handles (IS:208) 75 mm Long	Each	69
218	MAT-00937	BMT-G.32	Aluminium Door Handles (IS:208) 100 mm Long	Each	79
219	MAT-00938	BMT-G.33	Aluminium Door Handles (IS:208) 125 mm Long	Each	116
220	MAT-00939	BMT-G.34	Aluminium Door Handles IS:208) 150mm Long	Each	134
221	MAT-00940	BMT-G.35	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	44
222	MAT-00941	BMT-G.36	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	57
223	MAT-00963	BMT-G.58	Brass fancy handles 150 mm	Each	371
224	MAT-00964	BMT-G.59	Brass fancy handles 200 mm	Each	513
225	MAT-00965	BMT-G.60	Brass fancy handles 250 mm	Each	920
226	MAT-00966	BMT-G.61	Brass fancy handles 300 mm	Each	1124
227	MAT-00967	BMT-G.62	Brass fancy handles 450 mm	Each	1825
228	MAT-00977	BMT-G.72	Keyless lockset for toilet doors with CP or PC knob handles (complete set) Knob handles	Each	397
229	MAT-00978	BMT-G.73	Keyless lockset for toilet doors with brass knob handles	Each	815
230	MAT-05347	BMT-G.81	Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc.complete.	Each	249
		BMT-G.107	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	56
		BMT-G.108	Stainless Steel Door Handles 100 mm Long	Each	117
		BMT-G.109	Stainless Steel Door Handles 125 mm Long	Each	137
		BMT-G.110	Stainless Steel Door Handles 150 mm Long	Each	167
		BMT-G.111	Stainless Steel Door Handles 200 mm Long	Each	191

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
IV..SUB-SECTION			**ALDROPS**		
231	MAT-00942	BMT-G.37	Brass Aldrop (IS:2681) 300 mm long	Each	1378
232	MAT-00943	BMT-G.38	Brass Aldrop (IS:2681) 350 mm long	Each	2632
233	MAT-00944	BMT-G.39	Brass Aldrop (IS:2681) 450 mm long	Each	3840
234	MAT-00945	BMT-G.40	Aluinium Aldrop (IS:2681) 200 mm long	Each	306
235	MAT-00946	BMT-G.41	Aluminium Aldrop (IS:2681) 250 mm long	Each	362
236	MAT-00947	BMT-G.42	Aluminium Aldrop (IS:2681) 300 mm long	Each	368
237	MAT-00948	BMT-G.43	MS-Powder Coated Aldrop (IS:2681)200 mm long	Each	116
238	MAT-00949	BMT-G.44	MS-Powder Coated Aldrop (IS:2681)250 mm long	Each	150
239	MAT-00950	BMT-G.45	MS-Powder Coated Aldrop (IS:2681) 300 mm long	Each	179
V.SUB-SECTION			**LATCHES**		
240	MAT-00953	BMT-G.48	Aluminium Flat Latches: 200 mm long	Each	135
241	MAT-00954	BMT- G.49	Aluminium Flat Latches: 250 mm long	Each	149
242	MAT-00955	BMT-G.50	Aluminium Flat Latches: 300 mm long	Each	173
243	MAT-00956	BMT-G.51	MS-Powder Coated Flat Latches: 250 mm long	Each	70
244	MAT-00957	BMT-G.52	MS-Powder Coated Flat Latches: 300 mm long	Each	89
245	MAT-00973	BMT-G.68	Brass latch heavy 300 mm	Each	709
246	MAT-00974	BMT-G.69	Brass latch heavy 350 mm	Each	847
247	MAT-00975	BMT-G.70	Brass latch heavy 450 mm	Each	1040
VI..SUB-SECTION			**DOOR CLOSURES**		
248	MAT-00968	BMT-G.63	Providing and fixing Cast Iron Body Bottle Type Hydraulic Door Closer (IS: 3564) with double speed adjustment, with necessary accessories and screws etc. complete	Each	1005
249	MAT-00979	BMT-G.74	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete(Type-1: for width of doors up to 700 mm)	Each	1232

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
250	MAT-00980	BMT-G.75	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete(Type-2: for width of doors 701 to 850 mm)	Each	1384
251	MAT-00981	BMT-G.76	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete(Type-3: for width of doors 851 to 1000 mm)	Each	1579
VII.SUB-SECTION			**FLOOR SPRINGS**		
252	MAT-00969	BMT-G.64	Double action Stainless steel cover plate and cast body iron floor spring (IS 6315- Table-1)	Each	2236
253	MAT-00970	BMT-G.65	Double action Brass cover plate and cast brass body floor spring (IS 6315-Table-1)	Each	4428
254	MAT-00982	BMT-G.77	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S./ Brass cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 130 kgs)	Each	4498
255	MAT-00983	BMT-G.78	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S.cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 80 kgs)	Each	3198
256	MAT-00984	BMT-G.79	Providing of brass cast body Floor Spring IS: 6315 sleek in size with the S.S. / Brass Cover plates of Length 320 mm x Breadth 130 mm size along with the Top Patch, Bottom Patch, Door Lock and Pivot with Double Cylinder etc. complete for Heavy duty Glass doors.	Each	12962
VIII SUB-SECTION			**MORTICE LOCKS**		
257	MAT-00971	BMT-G.66	Heavy duty mortise lock 6/7 levers (IS:2209) with PC or CP handles complete set	Each	984

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
258	MAT-00972	BMT-G.67	Heavy duty mortise lock 6/7 levers (IS:2209) with brass heavy handles	Each	2359
IX.SUB- SECTION			**OTHER ACCESSORIES**		
259	MAT-00958	BMT-G.53	MS-Powder Coated - Door Stoppers	Each	54
260	MAT-00962	BMT-G.57	Heavy duty Aluminium Door stopper	Each	70
261	MAT-00951	BMT-G.46	Brass Door Stoppers	Each	214
262	MAT-00976	BMT-G.71	Friction stay hinges for windows	Each	117
263	MAT-00961	BMT- G.56	Deluxe window stay Aluminium	Each	146
264	MAT-00952	BMT-G.47	Brass Windows Stay	Each	228
265	MAT-00959	BMT-G.54	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	137
266	MAT-00960	BMT-G.55	Supply & fixing drapery bracket - brass powder coated	pair	503
267	MAT-05348	BMT-G.82	Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. Complete	Each	1944
268	MAT-05349	BMT-G.83	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.	Each	113
269	MAT-05350	BMT-G.84	Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.	Each	180
270	MAT-05351	BMT-G.85	Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.	Each	198
H.SECTION			**WATER PROOFING CHEMICALS &ADMIXTURES** ***Literature for usage / application of construction / water proofing materials,epoxies etc, may be obtained from manufacturers.***		
289	MAT-01021	BMT-H.37	Anti corrosion CRPPC (Corrosion Resistant) inhibitive admixture. Note: The user departments who ever are preparing the estimate, have to satisfy themselves with the performance and result of the product before proposing the item.)	1 Ltr	365

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
336	MAT-05352	BMT-H. 66	Pre construction Anti termite is a process in which chemical toxic to subterrean termites is apply/ inject into soil during early stage of building Construction 2. Treatement of soil Beneath the building and around the foundations conduct and chemical use as per **BIS - IS 6313 (Part -2) 2013** code specification & CIB RC registered termiticide which creates a continuouschemical barrier beneath the building which kills or repels terminates & impervious to tremite entry Imidacloprid 30.5% SC (IS 63131) dissolve 2.1 Ml/1 liter of water and apply emulsion/solution @ 7.5 Litres/Square meter (Sqm) of internal, external vertical surface of the colums , plinth beams (Back filling) walls and floor junction, external perimeters, along reatining wall @ 5.0 Liters/Sqm of the horizontalsurface of basement top surface of the basement filling below flooring bed (Plinth) & @ 2.0 Litres/ Line meter at expansion joints. The substructure of a depth of 500mm around coulmns & 300mm deep around plinth beams, basements & floor filling area including excavation channel along the wall & rodding etc. **cost & Conveyance of all materials to the site, cost of labour for sparying, rodding etc. completefor furnished item of work as per the approval of the Engineer-in-charge**	1 Sqm	179
337		BMT-H. 67	**ITEM DELETED**		
I.SUB- SECTION			**REPAIRING AND TREATMENTWORKS**		
		BMT-H.68	**SURFACE PREPARATION**		
			Cleaning of the surface : For Waterproofing treatment		
338	MAT-05353	BMT-H.68.A	(If the surface is sound & hard Condition) The surface must be clean and sound duly removing of existing treatments clean from dirt, dust and other contaminations by power grinding wire brushing , air blower & jet water cleaning.	Sqm	75

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
339	MAT-05354	BMT-H.68.B	(If the surface is detoriated or damage / existing tiles or block laying) Chipping with pneumatic power chiseling equipment and until to ahcieve the hard mother concrete surface. Duly removing of debris, cleaning of the surface from dirt, dust and other foreign matters & water jet cleaning.	Sqm	167
340	MAT-05355	BMT- H.68.C	If the surface has existing damaged bituminous felt / APP membrane. Chipping and removing of existing bituminous tar felt / membrane with hassling equipments, grinding / wire brushing the surface duly removing the felt completely. Duly removing of debris, cleaning of the surface from dirt, dust and other foreign matters & waterjet cleaning.	Sqm	117
			SPECIALISED CHEMICAL WATERPROOFING TREATMENTSFOR TERRACE		
			WHERVER FLOORING SURFACE ISHAVING MAJOR HAIR LINE CRACKS DEVELOPED, SEVERE LEAKAGES		
			TAKEN PLACE AND REQUIRED TO REDUCE THE ROOM TEMPERATURES SELF ASSESSED TREATMENTS TO IDENTIIFY EACH LAYER OF TREATMENTS : REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS Item Code BMT-H.68 SURFACE PREPARATION SUB HEADING : CLEANING OF THE SURFACE FOR WATERPROOFING TREATMENT.		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
341 (a)	MAT-05356	BMT-H.69	SPECIALISED FIVE LAYER SYSTEMOF WATERPROOFING TREATMENT TO THE TERRACE a. Ist Layer Black coloured chemcial treatment : Providng and application of one coat of High bonding, flexible bituminous polyurethane blended bituminous coating with –5 systems Confiming to ASTM-G 154 - 2000 or equavalent Ist Layer diluting with water at 1 : 1 ratio as a primer coat at a consumption of 200ml per Sqm. b. IInd Layer : Providing and laying of Fiber Mesh 40 GSM, with 1 Mtr width and 50mm overlap on the primed surface. c. IIIrd Layer Grey coloured coating : Providing and application of one coat of Acrylic rubberized elastomeric flexible waterproof grey coating with –5 systems ASTM-C 836 or equavalent or equavalent diluting with 50% of water at a consumption of 400ml per Sqm. d. IVth Layer white colured coating : Providing and application of one coat of High solid, cold applied, Fiber reinforced acrylic elastomeric waterproof membrane off white coating –Roofcare prc 5 systems Confiming to ASTM-G, 154 -2000 or equavalent coating (add the water upto 200ml) (Consumption of 350ml per Sqm). e. Vth Layer super white reflectivecoating : Application of one coat of 100% pure acrylic solar reflective pure white coating with systems Confirming to ASTM -C 297 or equavalent solar refective coating diluting with 20% of water (Consumptionof 300ml per Sqm). f. Note : THE ABOVE TREATMENT WILL BE GUARANTEED FOR 5 YEARS	Sqm	**609**

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
341 (b)		BMT-H.69 (b)	SPECIALISED FIVE LAYER SYSTEM OF WATERPROOFING TREATMENT TOTHE TERRACE Providing and laying five layers waterproofing cum heat reflective treatment over the old / new roof slab/ terrace, all as directedby Department Engineer-in-charge with the following specification and should be complain with the following technical parameters for the system - Density: 1.3 Gm/cc, Solids content: 68% ± 2% byweight, Elongation at break ASTM D 638: 200% (for the system), Adhesion to substrate ASTM D 4541: >1.5 N/mm2, Water penetration DIN 1048: no leak at 7 bars, Tear resistance ASTM D 1004-76: 17N/mm2, Tensile strength ASTM D 412- 87:6.0N/mm2 a) First Layer - Supply and Apply penetrative cum bonding primer as base primer cum sealer coat using modified with waterand cement at the ratio 2:1:3 (MIXPRIME AC 100 : water : cement) by volume with a slow speed mixer machine. This compound shall be applied with sufficient thickness to cover the holes/pores/cracks @ 1.000 Liter / SQM and the raw primer should be complain with ASTM 4541 and the Solid content 49% +2% b) Second Layer – Supply and apply of 2 x2 mm welded with alkaline resistant coated / non-woven 40 Gsm verging fiber mesh MIXMAT GFM 50 or equivalent for a minimum over lap of 100 mm embedded in the primer coat c) Third Layer - Supply and apply of bonding cum water tight acrylic high viscous white primer equivalent @ 0.250 Kg / SQM (dilution or modification not recommended) should be complain withDensity: 1.1gm/cc, Solids content: 50 % ± 2% by weight, Elongationat break ASTM D 638: >300%, Adhesion to substrate ASTM D 4541: >1 N/mm2, Tensile strength ASTM D 638: >1.5 N/mm2, Reduction in chloride ion ingress: 94%@28 days d) Fourth Layer – Supply and apply of high elastomeric acrylic waterproofing	Sq.m	609

			cum weather proof high viscous white liquid membrane equivalent @ 0.500 Kg / SQM (dilution or modificationnot recommended) should be complain with Density: 1.30 gm/cc , Solids content: 68% ± 2% by weight, Elongation at break ASTM D638: 400%, Tensile strength ASTM D 412: 1.8N/mm2, Adhesion to substrate ASTM D 4541: >1 N/mm2, Water penetration DIN1048: no leak at 7 bars (+ve side), Water vapor transmission ASTM E96: 19g/m2/day, Crack bridging ASTM C836: No cracks up to 2mm thick. e) Fifth Layer - Supply and apply of fiber reinforced flexible high bride pure acrylic modified waterproofing cum heat reflective high viscous white liquid membrane equivalent @ 0.500 Kg / SQM (dilution or modification not recommended)Density: 1.3 gm/cc Solids content: 68% ± 2% by weight, Elongation at break ASTM D 638: 200% , Adhesion to substrate ASTM D 4541: >1.3 N/mm2, Water penetration DIN 1048: noleak at 7 bars, Tear resistance ASTM D 1004-76: 15N/mm2 , Tensile strength ATM D 412-87: 3.0N/mm2, Solar reflectance –ASTM G173 – 92 %, Water vapor transmission ASTM E 96 – 19 Kg / M^2 / day. Note: - 1. No dilution or modification recommended for item No.b,c,d and e . 2. All materials should be procured as perthe consumption with respect of the work order. 3. The application should be carried out byan approved agency. 4. The contractor should provide 5 years material warrantee from the Manufacturerand 5 year warrantee from the applicator or combined		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			WHEREVER FLOORING SURFACE IS HAVING HAIR LINE CRACKS DEVELOPED, SEVERE LEAKAGES AND FOUND VERY SLIGHTLY MORTAR DEBONDED WITH ORIGINAL SLAB - TAKEN PLACE : REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS RAINSEAL FRC SPECIALISED HIGH STRENGTH FIBER REINFORCED ACRYLIC ELASTOMERIC AND HEAT RESISTANT LIQUID MEMBRANE COATING CHEMICALS Confirmed ASTM C 836/89A & ASTMC 297 FOR TERRACE.		
342	MAT-05357	BMT-H.70	SPECIALISED HIGH STRENGTH CELLULOSE FIBER REINFORCED ACRYLIC ELASTOMERIC LIQUID MEMBRANE COATING FOR TERRACE : a). Providing and application of one coat of High Solid, Cold applied Acrylic Elastomeric Liquid Membrane Coating / diluting with water at 1 : 0.50 ratio as a primer coat at a consumption of 200ml per Sqm. b). Providing and laying of Non woven polyster reinforced Fiber mesh of 40 GSM, with 1 Mtr width and 50mm overlap on the primed surface. c) Providing and application of one coat of High strength cellulose Fiber reinforced Acrylic Elastomeric Liquid Membrane coating with diluting with water at 20% as a base coat application at a consumption of400ml per Sqm.	Sqm	580
			WHERVER FLOORING SURFACE IS HAVING HAIR LINE CRACKS DEVELOPED, SEVERE LEAKAGES AND FOUND SOME PLACES MORTAR DEBONDED WITH ORGINAL SLAB - TAKEN PLACE :		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS BMT-H.68 © and BMT-H.83 chemical complies with ASTM C 297.		
343(a)	MAT-05358	BMT-H.71	SPECIALISED HIGH PERFORMANCE ACRYLIC POLYMER MODIFIED ELASTOMERIC CEMENTITIOUS WATERPROOF COATING TO THE TERRACE a). Providing and application of one coat of High performance Acrylate penetrative water barrier primer –)diluting with water at 1 : 0.50 ratio as a primer coat at a consumption of 200ml per Sqm. b). Providing and laying of Non woven polyster reinforced Fiber mesh of 40 GSM, with 1 Mtr width and 50mm overlap on the primed surface. c) Providing and application of one coat of Two part system of high performance acrylic polymer modified elastomeric cementitious waterproof coating mixing of powder and liquid as per packing at 1:2 ratio. (add the water upto 200ml) at aconsumption rate of 300 Grams mix. d). Providing and application of one coat of Two parts system Fiber Reinforced Acrylic Cementitious Coatings with mixing of powder and liquid as per packing at 1:2 ratio (add the water upto 200ml) at a consumption rate of 300 Grams mix.	Sqm	541

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
343(b)		BMT- H.71(b)	SPECIALISED HIGH PERFORMANCE ACRYLIC POLYMER MODIFIED ELASTOMERIC CEMENTITIOUS WATERPROOFING SYSTEM COATINGTO THE WET AREA / TOILET / BATH ROOM . a) First Layer - Supply and Apply penetrative cum bonding primer as base primer cum sealer coat using equivalent modified with water and cement at the ratio 2:1:3 (MIXPRIME AC 100 : water : cement) by volume with a slow speed mixer machine. This compoundshall be applied with sufficient thickness to cover the holes/pores/cracks @ 1.000 Liter /SQM and the raw primer should be complain with ASTM 4541 and the Solidcontent 49% +2% b) Second Layer – Supply and apply of 2 x2 mm welded with alkaline resistant coated / non-woven 40 Gsm verging fiber mesh or equivalent for a minimum over lap of 100 mm embedded inthe primer coat c) Third Layer - Supply and apply of first coat of two component (Powder + Liquid) system of high performance acrylic polymermodified elastomeric cementitious waterproofing system or equivalent @ 1.000 Kg / SQM (mix the powder and liquid with the help of a slow speed mixer for a period of 2 to 3 minutes up to get a homogeneous mix- dilution or modification not recommended) should be complain with BS 1881 Part 5 1983 (ISAT 476 Part 6), DIN 1048 Part 5 1991, BSEN 12390-8 2000, ASTM D 412-92 d) Fourth Layer –Supply and apply of second coat of two component (Powder + Liquid) system of high performance acrylicpolymer modified elastomeric cementitiouswaterproofing system equivalent @ 1.000 Kg / SQM (mix the powder and liquid with the help of a slow speed mixer for a period of 2 to 3 minutes up to get a homogeneous mix- dilution or modification not recommended) should be complain with BS 1881 Part 5 1983 (ISAT	Sq.m	542

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			476 Part 6), DIN 1048 Part 5 1991, BSEN 12390-8 2000, ASTM D 412-92. Note: - 1) No dilution or modification recommended for item Nos.b,c,d and e . 2) All materials should be procured as perthe consumption with respect of the work order. 3) The application should be carried out byan approved agency. 4) The contractor should provide 5 years material warrantee from the Manufacturer and 5 year warrantee from the applicator orcombined		
344	MAT-05359		*WHERVER FLOORING SURFACE IS HAVING MAJOR HAIR LINE CRACKS DEVELOPED, SEVERE LEAKAGES TAKEN PLACE AND REQUIRED TO REDUCE THE ROOM TEMPERATURES - SELF ASSESSED TREATMENTS TO IDENTIIFY EACH LAYER OF TREATMENTS : REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS*	Sqm	312
		BMT-H.72	a). Providng and application of one coat of High bonding, flexible bituminous polyurethane blended black coating with Complies with ASTM 836 - DN 1048 diluting with water at 1 : 1 ratio as a primer coat at a consumption of 200ml per Sqm. b). Providing and laying of Non woven GEO Fabric 40 GSM, with 1 Mtr width and 50mm overlap on the primed surface. c). Providing and application of one coat of Acrylic rubberized elastomeric flexible waterproof grey coating with – ASTM G 154 - 2000 diluting with 50% of water at aconsumption of 400ml per Sqm. d) Providing and application of one coat of High solid, cold applied, Fiber reinforced acrylic elastomeric waterproof membrane off white coating –		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			Complies with ASTM C 297 (add the water upto 200ml) (Consumption of 350ml per Sqm). e) Application of one coat of 100% pure acrylic solar reflective pure white coating & diluting with 20% of water (Consumption of 300ml per Sqm).		
			FOR WATERPROOFING OF PORTABLE WATER TANKS / RESERVOIRS / SUMP/ TERRACE / SIDE WALLS : REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS		
345	MAT-05360	BMT-H.73	SPECIALISED ACRYLIC CEMENTITIOUS ELASTOMERIC WATERPROOF COATING TREATMENT Complies with ASTM C 297 : Providing and Application of two coats of Acrylic cementitious elastomeric waterproof coating with- Roof coat or equivalent like high elastomeric acrylic polymer modified cementitious waterproof system.	Sqm	401
			FOR WATERPROOFING OF TERRACE / SIDE WALLS : REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS		
346	MAT-05361	BMT-H.74	SPECIALISED ACRYLIC EMENTITIOUS ELASTOMERIC WATERPROOF COATING TREATMENT Complies with ASTM C 297 : *Providing and Application of two coats of Acrylic cementitious elastomeric waterproof coating with -*	Sqm	449

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			WATERSHIELD COAT PC like high elastomeric acrylic polymer modified cementitious waterproof system.		
			WHERVER HIGH FLEXIBLE HIGH BONDED NECESSARY FOR WATERPROOFING OF TERRACE / SLOPED ROOFS / ACC SHEETS etc., FOR A GUARANTEE OF 5 YEARS REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS		
347	MAT-05362	BMT-H.75	SPECIALISED HIGH SOLID, COLD APPLIED, ACRYLIC WATERPROOF COATING TO THE EXTERNAL WALLS Acrylic elastomeric waterproof exterior coatings Complies with ASTM C 836 / 89 A : Providing and application of two coats of High solid, cold applied, Acrylic Elastomeric Liquid Membrane Coating with – 20% of water mixing with required colour stainers.	Sqm	449
			WHEREVER REQUIRED FOR WATERPROOFING OF TERRACE / SLOPED ROOFS / ACC SHEETS etc., FOR A GUARANTEE OF 3 YEARS REFER THE RATES FOR CLEANING AND CRACK FILLING UNDER THE HEAD OF THE WORKS		
348	MAT-05363	BMT-H.76	**SPECIALISED HIGH BONDING, FLEXIBLE BITUMINOUS POLYURETHANE BLENDED BITUMINOUS COATING Complies with ASTM C 836 - DN 1048 :** **Providing and application of two coats of High bonding, flexible bituminous polyurethane blended bituminous coating with diluting with 20% of water.**	Sqm	411

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			EXPANSION JOINT TREATMENT:		
349	MAT-05364	BMT-H.77	Preparation of the surface: For existing expansion joint treatment Chipping of the existing treatments over the expansion joints concrete / brick masonry with pneumatic power chiseling equipment and until to achieve the hard mother concrete surface. Chipping and removing of existing bituminous mastic board upto 25mm deep. Duly removing of debris, cleaning of the surface from dirt, dust and other foreign matters	RMT	291
350	MAT-05365	BMT-H.78	SPECIALISED POLYSULPHIDE SEALANT TREATMENT TO THE EXPANSION JOINTS ON TERRACE: (Size: 25mm x 12mm) Application of one coat of-High performance specially designed SBR latex polymer-based bonding agent– or equivalent mixing with cement as per manufacturers c]. Providing and application of Acrylic Polymer modified reinstatement concrete/mortar admixture with - to finish the damaged edges of joint and making the groove. d]. Providing and fixing of masking tape on top of the joint both sides. e]. Providing and fixing of Back up support material of Polyethelene foam to leave the depth of 12mm on the joint. f]. Providing and application of one coat of polysulphide primer with – Polysulphide primer on inner edge on joints. g]. Providing and application of Two part Polysulphide sealant to a width of 25mm and 12mm depth with -	RMT	755

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			with BS 4254 - 83 or equavalent with putty knife and neat finish. h]. Removing of masking tape and providing and application of two coats of Acrylic elastomeric cementitious coating with - ROOFSEAL PS (Armstrong) / POWER n SEAL PS (EBT) /NITOSEAL PS 200 (Fosroc)/ ZORISEAL PS (PMCC) / SIKA POLYSULPHIDE (Sika) / WATERSHIELD PS		
			FOR ARRESTING WATER FLOW LEAKAGES, LEAKAGES OF CONSTRUCTION JOINTS OF RESERVOIRS / PUMP ROOMS / POWER HOUSE / PENSTOCK / CANAL DUCTS AND OTHER WATER RETAINING STRUCTURES EXECUTION IN THE PRESENCE OF WATER.		
351	MAT-05366	BMT-H.79	LABOUR CHARGES FOR SPECIALISED EXPANSIVE ACQUA–REACTIVE WATER BARRIER GROUTING (1). Drilling of holes with Electrical Drilling machine up to the required depth i.e., (12mm to 14mm dia sized holes) (2). Fixing of pressure retaining aluminum / steel packers fixing with Instant setting leakproof plugging compound (3). Grouting of holes with Air Compressed Injection equipment with single component aliphatic polyurethane grout compound- (4). After removing the pipes sealing of the holes with polymer putty – with Cement	Each	289

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
352	MAT-05367	BMT-H.80	Supply of chemicals for specialised expansive aqua reactive water barrier grout -	Kg	1753
			FOR STRENTHENING AND SEAL THE POROSITY OF THE CONCRETE TO ARREST THE LEAKAGES, DAMPNESS , LEAKAGES OF CONSTRUCTION JOINTS FOR TERRACE / CEILING / RCC RETAINING WALLS / BASEMENT FLOORINGS / WATER TANKS / RESERVOIRS / TOILETS etc.,		
353	MAT-05368	BMT-H.81	SPECIALISED INJECTION GROUTING WITH CEMENT AND FREE FLOW ADDITIVES : a]. Drilling of holes with power drilling machine to the required depth [12mm to 14mm dia holes] b]. Fixing of Rubber Nozzles with cement and quick setting, Rapid hardening compound putty - Rapidstrong qs or equivalent. c]. Grouting of holes with 140 PSI Grout pump with cement slurry mixing with Specialized Free flow, Non-shrink Grout additive - 250 Grams per bag of 50 Kgs Cement add required water to make slurry form. d]. After completion of grouting, Remove the Rubber nozzles e]. Later sealing of the hole with polymer cement putty .	Each	173
			FOR STRENTHENING AND SEAL THE POROSITY OF THE CONCRETE TO ARREST THE LEAKAGES, DAMPNESS , LEAKAGES OF		

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			ONSTRUCTION JOINTS : (FOR TERRACE /CEILING / RCC RETAINING WALLS / BASEDMENT FLOORINGS / WATER TANKS / RESERVOIRS / TOILETS etc.,)		
354	MAT-05369	BMT-H.82	**SPECIALISED INJECTION GROUTING WITH CEMENT AND CRYSTALLIZATION ADMIXTURES :** **a]. Drilling of holes with power drilling machine to the required depth [12mm to 14mm dia holes]** **b]. Fixing of Rubber Nozzles with cement and quick setting, Rapid hardening compound putty Rapidstrong qs or equavalent** **c]. Grouting of holes with 140 PSI Grout pump with cement slurry mixing with Specialized crystallization compound-Roofex gp or equavalent @ 5% by weight of cement.** **d]. After completion of grouting, Remove the Rubber nozzles** **e]. Later sealing of the hole with polymer cement putty**	Each	262
			CRACKS AT TERRACE / BEAM & WALLS JUNCTIONS - SEALING THE JOINTS WITH POLYURETHANE SEALANT :		
355	MAT-05370	BMT-H.83	SPECIALISED POLYURETHANE SEALANT TREATMENT : a). Making ‘’U” Groove (width and depth of 6mm x 6mm) b). Filling of the groove with polyurethane sealant	RMT	383
			CRACKS AT INTERNAL / EXTERNAL WALLS - SEALING THE CRACKS WITH ACRYLIC CAULKING COMPOUND		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
356	MAT-05371	BMT-H.84	SPECIALISED ACRYLIC CAULKING SEALANT TREATMENT : a). Making ‘’U” Groove (width and depth of 6mm x 6mm) b). Filling of the groove with Acrylic caulking compound	RMT	211
357		BMT-H.128	Providing and fixing of expansion joint system related with floor location: The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical localtion in load application areas that accommodates multi directional seismic movement without stress to it’s components. System shall consist of metal profiles with a universal aluminium base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer’s pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self – centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design (Material shall confirm to ASTM 6063.) (Floor Joint of 200 mm gap)	RMT	7549
358		BMT-H.129	Providing and fixing of expansion joint system related with wall joint (internal/ external) location: The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221- 02. The material shall be such that it provides an Expansion Joints system suitable for vertical wall to wall / wall to corner application, both new and existing construction in buildings &	RMT	5159

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27- (Rs.)
1		2	3	4	5
			complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminium profiles exhibiting minimal exposed aluminium surfaces mechanically snap locking the multi cellular to facilitate movement. (Material shall confirm to ASTM 6063.) (Wall Joint of 200 mm gap)		
359			Providing and fixing of expansion joint system of approved make and manufactures for various roof locations: The joints shall be of extruded aluminium base members with self aligning and self centering arragement support plates asper ASTM B221-02. The system shall be such that it provides water tight roof to roof / roof to corner joint cover expansion control system that is capable of accommodating multi directional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminium base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions.		
			The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resists damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. Material shall confirm to ASTM 6063.		
360		BMT-H.130	Roof Joint of 200 mm gap	RMT	5600
361		BMT-H.131	Roof Joint of 250 mm gap	RMT	7600

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
	1	2	3	4	5
		BMT-H.134	**Old Terrace Screed Repair with UV Resistant Waterproof coating below 500 Sq.m** Providing and Applying high perfomance solar reflective & Acrylate silicon based Waterproofing coating which is single component, cold applied, water based acrylic and UV resistant water proofing treatment to the Existing Roof screed surface applied @ 1.5 l/m2 in 3 coats to achieve 1mm DFT, having tensile strength 2N/ mm2 confirming to ASTM D 412; Elongation at break ≥ 200%, Abrasion resistance 21mg confirming to ASTM D 4060 and Crack bridging ability up to 2 mm, including surface preparation, priming the surface with 1 coat diluted with water in the ratio 2:1 spreading @ 0.125 L/m2 as self-priming coat in the SSD condition and spreading 45 gsm glass Fiber mesh of 2.5 mm x 2.5 mm sandwiched between the first and second coat completely as per specification. The finished cost to include surface preparation, making coving at Junction, treatment of cracks completely as per specification	**Sqm**	629.00
		BMT-H.135	**Old Terrace Screed Repair with UV Resistant Hybrid PU Waterproof coating above 500 Sq.m** Providing and Applying high strength, hybrid polyurethane Waterproofing coating which is two component, cold applied, water based acrylic and UV resistant water proofing treatment to the Existing Roof screed surface applied @ 1.6 L/m2 in 3 coats to achieve 1mm DFT, having tensile strength with 45 gsm glass Fiber mesh 10N/mm2 , Elongation ≥ 200%, confirming to ASTM D 2370; Abrasion resistance 15mg confirming to ASTM D 4060 and Crack bridging ability up to 3 mm, including surface preparation, ensure surface in SSD condition for first coat and spreading 45 gsm glass Fiber mesh of 2.5 mm x 2.5 mm sandwiched between the first and	**Sqm**	822.00

			second coat completely as per specification. The finished cost to include surface preparation, making coving at Junction, treatment of cracks completely as per specification.		
		BMT-H.136	**Old Terrace tile surface repair with UV Resistantn hybrid waterproofing coating** Providing and Applying Polyurethane hybrid liquid applied GRIHA certified Waterproofing coating with flutyne protection technology, single component, cold applied, water based acrylic and UV resistant water proofing treatment to the Existing Roof having Tile or any non-porous surface applied @ 1.5 l/m2 in 2 coats to achieve 1mm DFT, having tensile strength with 45 gsm glass Fiber mesh 4N/mm2 confirming to ASTM D 412; Elongation at break ≥ 300% and Crack bridging ability up to 3mm, SRI Index 106 as per ASTM E 1980- 01, Water permeability @5 bar – Nil as per EN12390 - 8:2019, including surface preparation, priming the surface with single component high-performance waterborne tile primer which is suitable for non - porous surface at a rate of 0.14 L/m2 and spreading 45 gsm glass Fiber mesh of 2.5 mm x 2.5 mm sandwiched between the first and second coat completely as per specification. The finished cost to include surface preparation, making coving at Junction, treatment of cracks completely as per specification.	**Sqm**	892.00
		BMT-H.137	**Old Terrace with Lime mortar/week surface waterproofing with TPO membrane** Providing and laying 1.5 mm thick TPO Membrane over old terrace having week surface/Lime mortar. The membrane is manufactured using hot-melt extrusion process for complete scrim encapsulation. It is reinforced with a strong, polyester reinforced fabric center (scrim) and a tough thermoplastic polyolefin compounded top ply and the bottom. It should have UV resistant top white colour which has a very high resistance to weather agents and UV rays. TPO membrane shall be plasticizer, chlorine & pthalate free, and should exceed /meet specifications of ASTM D6878. Membrane should be mechanically fixed to the substrate by independent plates and fasteners. TPO Roof Membrane should be lapped and seamed using hot air heat welding equipment after mechanically	**Sqm**	**1295.00**

			fastening the overlaps. Membrane should have following minimum properties, Breaking Strength min. 220lbf (976N) as per ASTM D751, Elongation break of reinforcement > 15 % as per ASTM D751, and Tear Strength 55lbf (245N) as per ASTM D751. The finished cost including surface preparation, application of TPO membrane over the 200GSM Geo- textile and termination of TPO membrane using 2mm thick aluminium strip sealing with PU sealant at the top of strip completely as per specification.		
		BMT-H.138	**Newly Constructed Bathroom/toilet/balcony/ utility with Cementitious Waterproof coating below 300 Sq.m** Providing and Applying CFTRI approved two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (1 Liquid: 2 Powder), to the RCC surface like bathroom, toilet, balcony & utility area applied @ 1.7kg/m2 in 2 coats to achieve 1mm DFT, having Elongation at break >50% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80 N/mm2 as per ASTM D 4541, crack bridging upto 1mm as per ASTM C 836, Water penetration (5 bar pressure) as per BS EN 12390. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass Fiber mesh over the angle fillet when the first coat in still wet, treatment of cracks completely as per specification..	**Sqm**	**349.00**
		BMT-H.139	**Newly Constructed Roof/Bathroom/Toilet/ balcony/utility with Cementatius Waterproof coating below 500 Sq.m** Providing and Applying CFTRI approved two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (5 Liquid :7 Powder) to the RCC surface like Roof, bathroom, toilet, balcony & utility area applied @ 2.2kg/m2 in 2 coats to achieve 1.2mm DFT, having Elongation at break >120% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80N/mm2 as per ASTM D 4541, crack bridging upto 2mm as per ASTM C 836. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass Fiber mesh over the angle fillet	**Sqm**	494.00

			when the first coat in still wet, treatment of cracks completely as per specification.		
		BMT-H.140	**Newly Constructed Roof/Podium with 1K PU Waterproof coating upto 2000 Sq.m** Providing and Applying single component Polyurethane based cold applied seamless waterproofing coating to the RCC surface like Roof & Podium area applied @ 2.4kg/m2 in 3 coats to achieve 1.5mm DFT, including a prime coat of solvent free, medium viscous, epoxy primer @0.2L/m2 and protection with 120gsm Geo- textile over the 7 days cured waterproofing membrane. The Waterproofing material shall have Solids > 85%, Tensile strength >2 Mpa as per ASTM D 412, Elongation at break >400% confirms to ASTM C 1305 for crack bridging ability (no cracks up to 3.2mm) Shore A Hardness >55 as per ASTM D 2240, Adhesion to peel after water immersion as per ASTM C 794 at 5.2N. Resistance to root penetration as per UNE CN/ TS 14416. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 60gsm Geo-textile over the angle fillet when the first coat in still wet, treatment of cracks and laying 120GSM Geo-textile as seperation/protective layer over the fully cured PU coating completely as per specification.	**Sqm**	**972.00**
		BMT-H.141	**Newly Constructed Roof/Podium with 2K PU Waterproof coating above 2000 Sq.m** Providing and applying two component Polyurethane based cold applied seamless waterproofing coating to the RCC surface like Roof & Podium area applied @ 2.1kg/m2 in single coat using 3mm notched trowel to achieve 1.5mm DFT, including a prime coat of solvent free, medium viscous, epoxy primer @0.2L/m2 and protection with 120gsm Geo-textile over the 7 days cured waterproofing membrane. The Waterproofing material shall have Solids > 98%, Tensile strength >6 Mpa, Elongation at break >600% as per ASTM D 412, crack bridging ability (no cracks up to 3.2mm) confirms to ASTM C 1305, Puncture resistance >300N as per ASTM E154, Shore A Hardness >70 as per ASTM D 2240, Adhesion to peel after water immersion as per ASTM C 794 at 5.2N. Resistance to root penetration. The finished	**Sqm**	1301.00

			cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 60gsm Geo-textile over the angle fillet when the first coat in still wet, treatment of cracks and laying 120GSM Geo-textile as seperation/protective layer over the fully cured PU coating completely as per specification.		
		BMT-H.142	**STP (inside) waterproofing with Anticorrosive & Protective Coating** Providing and Applying two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (5 Liquid :7 Powder) to the RCC surface of the STP tank applied @ 2.2kg/m2 in 2 coats to achieve 1.2mm DFT, having Elongation at break >120% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80N/mm2 as per ASTM D 4541, crack bridging upto 2mm as per ASTM C 836. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass Fiber mesh over the angle fillet when the first coat in still wet, treatment of cracks completely as per specification. Followed by applying 15 mm thick dimensionally stable fibrous reinforced cementitious structural grade dual shrinkage Polymer Mortar on as protective plastering @ 29kg/m2. The material having Compressive strength of 38 MPa at 28 days as per EN 12190, Adhesive Bond Test, >1.5 Mpa as per EN 1542, followed by Water curing by sprinkling water for 3 times a day for 5- 7 days. followed by applying two component coal tar epoxy-based coating on inside surface of Sewage & Effluent treatment tank @ 0.30 kg/m2 in 2 coats to achieve a DFT of 200 microns when fully cured. Ensure that this coating is applied over the protective plaster. The material shall have Scratch resistance, for 7kg load as per ASTM : D 7027 - 05, Chemical resistance, immersion in dilute acid alkali & salt solutions – 7 days confirms to ASTM : C 868, Salt Spray resistance confirms to ASTM : B 117	**Sqm**	**1499.00**

		BMT-H.143	**UGT/OHT (inside) waterproofing with Anti-microbial Coating** Waterproofing: Providing and Applying CFTRI approved two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (5 Liquid :7 Powder) to the RCC surface of the UGT/ OHT tank applied @ 2.2kg/m2 in 2 coats to achieve 1.2mm DFT, having Elongation at break >120% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80N/mm2 as per ASTM D 4541, crack bridging upto 2mm as per ASTM C 836. The finished cost to include surface preparation, making coving of 50 mm X 50mm at all right angles of wall Junction with Polymer Repair Mortar and lay 45 gsm glass Fiber mesh over the angle fillet when the first coat in still wet, treatment of cracks completely as per specification. Followed by applying 15 mm thick dimensionally stable fibrous reinforced cementitious structural grade dual shrinkage Polymer Mortar on as protective plastering @ 29kg/m2. The material having Compressive strength of 38 MPa at 28 days as per EN 12190, Adhesive Bond Test, >1.5 Mpa as per EN 1542, followed by Water curing by sprinkling water for 3 times a day for 5- 7 days. Followed by applying two component, water-based food grade epoxy resin coating on inside surface of Potable water tank having anti- algae, antifungal, Non-toxic, hygiene cum damp-proof coating Certified by CFTRI as per 21 CFR 175 – 300 of US – FDA, having mixing Ratio (Base: Hardener: Water) – 1:1:1 to be applied @ 0.35 Kg/m2 in 2 coats. Ensure that this coating is applied over the protective plaster. The Waterproofing material shall have Specific Gravity: 1.2, Water vapor permeance: 244.48 g/m2/24 hrs, as per IS 7809/Pt 2/1977, Adhesion strength: 2 N/mm2 as per ASTM D 4541: 02. The finished cost to include surface preparation completely as per specification	Sqm	1481.00
		BMT-H.144	**Acrylic anti-carbonation coating for New Concrete (Bridges & Flyover)** Providing and Applying Acrylic anti-carbonation coating on concrete surface, which is single component, cold applied, water based acrylic polymer and Specially formulated to Protect RCC substrate that is directly exposed to atmospheric conditions like UV radiation, heavy rain, industrial pollution & carbonation. Apply without any dilution @ 0.25L/m2 in 2 coats to achieve DFT of 225 microns, The coating shall have Confirms in accordance with IRC SP:80-2008, Chloride Ion penetration –	**Sqm**	**306.00**

			Concrete Guard (Coulombs) 575 as per ASTM C 1202 : 2019, SRI value of 104 as per ASTM E 1980 : 19 and Crack bridging ability up to 2mm, including priming the surface with 1 coat diluted with water in the ratio 1:1 spreading @ 0.125 L/m2 as self-priming coat. The finished cost to include surface preparation, treatment of cracks completely as per specification as per the direction of the Engineer In charge.		
		BMT-H.145	**Exterior Wall Waterproof cum Decorative Coating** Providing and Applying high build exterior waterproof coating for external wall, parapet & Chajja, which is single component, cold applied, Reactive Acrylate copolymer technology. Apply one base coat of universal elastomeric exterior waterproof coating @0.25L/m2 and 2nd coat with Acrylic emultion top coat which can be tinted to any colour @ 0.17L/m2, including 2 coats DFT will be min. 170 microns, The material having followed technical properties: Attains hairline crack bridging up to 2 mm as per EN 1062 part 7, Elongation of >100 % as per ASTMD 412; Tensile strength 2.50 Mpa per ASTM D 412, including priming the surface with 1 coat of Efflorescence resistant penetrating primer dilute with water in the ratio 2:1 spreading at the rate of 0.125 l/m2 in the SSD condition. The finished cost to include surface preparation, making coving at Junction, treatment of cracks completely as per specification.	**Sqm**	**256.00**
		BMT-H.146	**Treating mild Dampness in Interior Walls** Providing and Applying Acrylic Co Polymer single component specially designed waterproof protective coating that prevents damp patches on walls without any dilution at rate of 0.25kg/m2 in 2 coats to achieve total dry film thickness of 170 microns DFT. The material having followed technical properties: crack bridging ability up to 1mm as per EN 1062, Tensile strength ≥ 2N/mm2 as per ASTM D 412, adhesion strength 1.5N/ mm2 as per ASTM D4541. The finished cost including surface preparation completely as per specification.	**Sqm**	**247.00**
		BMT-H.147	**Treating Severe Dampness & Rising dampness in Walls** Providing and Applying two component flexible polymer modified acrylic cementitious waterproofing coating with a mix ratio of (5 Liquid :7 Powder) to the RCC surface or walls applied @ 2.2kg/m2 in 2 coats to achieve 1.2mm DFT, having Elongation at break >120% as per ASTM D 412, Tensile strength >1N/ mm2 as per ASTM D 412, Adhesion strength: 0.80N/mm2 as per ASTM D 4541, crack	**Sqm**	**1191.00**

			bridging upto 2mm as per ASTM C 836. The finished cost to include surface preparation & treatment of cracks completely as per specification. Followed by applying 15 mm thick dimensionally stable fibrous reinforced cementitious structural grade dual shrinkage Polymer Repair Mortar on internal wall damp patches @ 29kg/m2. The material having Compressive strength of 38 MPa at 28 days as per EN 12190, Adhesive Bond Test, >1.5 Mpa as per EN 1542, followed by Water curing by sprinkling water for 3 times a day for 5- 7 days. Ensure that removing internal wall plaster up to the brick level. Extend up to minimum 2 feet in wide in excess to the damp patches. clean the effected surface followed by waterproof coating should be applied across the entire surface and apply a coat of spatter dash bond coat over cured coating. The dashing shall consist of (1-part SBR : 1 Part cement: 2 part wash sand) mixed to thick slurry and kept well stirred prior to applying the Polymer Repair Mortar. The finished cost to include surface preparation completely as per specification.		
		BMT-H.148	**Treating Active leakage from Concrete walls** Providing and grouting with single component Polyurethane Foam injection grout at dripping leakage locations, grout mixed at ratio of 10:1 (10 parts of Resin: 1 part accelerator) at the rate of 0.40kg/nozzle which will foam after reaction with water/ moisture, cream time <20 seconds, rise time <30 seconds, foam expansion more than 30 times. It has a mixed viscosity of <350 cP as per ASTM D 2196. Allow the PU foam grout to cure for 5 -10 mins. Providing and grouting with two component Polyurethane based resin injection grout mixed at ratio of 2:1 (2 parts of Base: 1 part Hardener) which will injected through same nozzle at the rate of 0.30kg/nozzel which gives Adhesion strength >2.5 MPa, Adhesion in wet concrete >1.5MPa, Elongation >80%. It has a mixed viscosity of <350 cP as per ASTM D 2196. The finished cost to include surface preparation, fixing of non-return valve injection packers at dripping leakage locations and damp patch locations, seal the nozzles with polyester resin anchor grout Instant leak plug 0.2kg/nozzle. All the application procedure shall be as per the direction of the Engineer In charge.	**Nozzle**	**1989.00**
		BMT-H.149	**Structural Strengthening with Epoxy Injection Grout** Providing and grouting with two component low viscous Moisture Insensitive Epoxy Injection Grout to strengthen the structure at cocrete cracks. The material having	**Nozzle**	1548.00

			mixing ratio - (Base : Hardener) - 100:60 (by weight) at the rate of 0.50kg/nozzle, which gives compressive strength of 70N/mm2 in 7days as per BS6319:part 2, Flexural strength of 30N/mm2 in 7days as per BS6319:part 3, Tensile strength of 15N/mm2 in 7days as per BS6319:part 7, epoxy resin based injection grout meets the requirement of BS 6319 & ASTM C 881. The finished cost to include surface preparation, fixing of non-return valve injection packers at concrete cracks, seal the nozzles with polyester resin anchor grout Instant leak plug 0.2kg/nozzle. All the application procedure shall be as per the direction of the Engineer In charge.		
		BMT-H.150	**Retaining wall/ UG tank wall (outside) Waterproofing with SBS Membrane** Providing and laying water proofing treatment to the Retaining wall, water retaining structures outside with fully bonded 1.6mm Thick SBS modified self-adhesive, cross laminated HDPE lining waterproofing membrane, conforming to IS 16471:2017 Type A, requirements of UG waterproofing structures, The SBS membrane shall have Mass per Unit Area > 1.8 Kg/m2 as per ASTM D 5147, Puncture resistance > 200 N as per ASTM E 154, Elongation > 180% as per ASTM D 412-06, Tensile Strength > 4 Mpa as per ASTM D 412- 06, Tear resistance > 20 N/mm as per ASTM D 4073, Hydrostatic pressure 50M as per DIN 1048. The lap with HDPE membrane shall be 100mm treated with TS tape. followed by the installation of 8-10mm THK polyethylene dimpled drain board having compressive strength > 400kN/m2 (as per ISO 25619-2). The finished cost includes surface preparation, making coving and a coat of solvent based bituminous primer @ 0.25l/m2 on entire surface before laying membrane completely as per specification.	Sqm	927.00
		BMT-H.151	**Underground structures waterproofing with HDPE membrane** Providing and laying water proofing treatment to the Rafts, Below grade slab, Lift pits, water retaining structures with fully bonded 1.5 mm thick HDPE waterproofing pressure sensitive adhesive membrane over PCC before laying raft concrete having higher puncture resistance of 1000N as per ASTM E 154, confirming to BS 8102 & IS 16471:2017, requirements of UG waterproofing structures. Laying adjacent sheets by keeping overlap of 75mm, end overlaps to	Sqm	786.00

			be treated using double sided tape. The membrane shall have Tensile strength >25 Mpa as per ASTM D 412, Elongation > 500% as per ASTM D 412, Hydrostatic head resistance >70m head of water as per ASTM D 5385, Low Temperature Flexibility: -25 deg C, Peel Adhesion to Concrete >880 N/m as per ASTM D 903 Modified, UV Exposure > 45 Days. The finished cost including surface preparation completely as per specification.		
		BMT-H.152	**Expansion Joint Treatment with Seal Tape** Providing and laying with 1.0 mm thick FPO membrane to seal the expansion joint. The tape having mechanical properties like, Elongation>500%, Tensile Strength >12N/mm2, Tear Strength >200N, Water tightness 400 kPa/72hrs confirming to DIN EN 1928-B. Ensure that apply Two part Epoxy Adhesive @ 1.4kg/m to get 1- 2mm thick on the prepared surface before placing the tape and after placing seal with same epoxy adhesive which having Bond Strength with concrete 1.5N/mm2, Compressive Strength @ 7 days, ≥45N/mm2 as per BS 6319 Part 2, Tensile Strength @ 7 days, ≥18N/ mm2 as per BS 6319 Part 7, Shear Strength @ 7 days, ≥8N/mm2 as per BS 6319 Part 4, Flexural Strength @ 7 days, N/mm2 as per BS 6319 Part 3. The finished cost including surface preparation, filling foam backer rod, applying masking tape on both sides of the joint & polysulphide sealant filling on gap completely as per specification.	Rm	1848
		BMT-H.153	**Corrugated Metal Sheets waterproofing cum Heat reflective coating** Providing and applying heat reflective environmental friendly, 100% Pure Acrylic elastomeric waterproof coating on metal sheets. Replace roof fasteners, as required and needed. Sealing up of all lapping joints, gaps, flashing and capping with 2 component PMMA base waterproof Coating @3kg/m2 including metal primer @.1L/m2 and fleece at a 150mm wide strip. Preparing the surface by cleaning with a brush and removing the rust using a chloride-free chemical. Apply one coat of anti-corrosive primer at 0.15L/m² for GI/ Metal surfaces and apply one coat of solvent-free, medium-viscous, epoxy primer at 0.15L/m² for powder- coated surfaces. Apply 2 coats of 100% Pure Acrylic waterproofing coating @ 0.8L/m2 having Elongation 190% as per ASTM D 412, tensile strength 1.5 N/mm2, SRI Index 108 as per ASTM E 1980-01. The finished cost to include surface preparation completely as per specification.	Sqm	1250

		BMT-H.154	**Expansion Joint filling with Polysulphide sealant upto 30mm width - Horizontal** Providing and laying with two-part elastomeric fuel resistance, UV resistant, Non-toxic once cured, resistant to flame, pouring grade liquid polysulphide sealant to fill the expansion joint, Control joints in parking area, construction joint in airport runway, Tanks, bridges & concrete roads. The sealant shall have Elongation min. 450% confirms to ASTM D 412, movement accommodation for butt joint 25% & for lap joints 50%. The sealant should meets the requirement of BS 5212, BS 4254 & ISO:11600. Ensure that apply a coat of polysulphide sealant primer @0.5L/m2 to get better adhesion on prepared surface before placing the sealant. The finished cost including surface preparation, filling foam backer rod, applying masking tape on both sides of the joint & polysulphide sealant filling on gap completely as per specification.		
		BMT-H.154(A)	30mm Width	Rm	453
		BMT-H.154(B)	20mm Width	Rm	302
		BMT-H.154(C)	10mm Width	Rm	151
		BMT-H.155	**Expansion Joint filling with Polysulphide sealant upto 30mm width - Vertical** Providing and laying with two-part elastomeric UV resistant, non-toxic gun grade liquid polysulphide sealant to fill the expansion joint, sealing joints in water retaining structure. The sealant shall have Elongation min. 500% confirms to ASTM D 412, movement accommodation for butt joint 25% & for lap joints 50%. The sealant should meets the requirement of BS 4254 & ISO:12118. Ensure that apply a coat of polysulphide sealant primer @0.5L/m2 to get better adhesion on prepared surface before placing the sealant. The finished cost including surface preparation, filling foam backer rod, applying masking tape on both sides of the joint & polysulphide sealant filling on gap completely as per specification.		
		BMT-H.155(A)	30mm Width	Rm	545
		BMT-H.155(B)	20mm Width	Rm	363
		BMT-H.155(C)	10mm Width	Rm	182

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	New Item	BMT-H.156	Providing and Applying Specialized Chemicals Five Layer Waterproofing Treatment with high abrasion, heat resistant fibre reinforces polyurethane Advanced Technology 3rd Generation Elastomeric liquid waterproof membrane coating system to the Terrace. a). 1st Layer: - Providing and application of one coat of black coloured high bonding, highly durable polyurethane blended bituminous waterproof primer coating - 5 LAYER as a first coat application at a coverage of 300ml Per Sqm. b). 2nd Layer: -Providing and laying of polyester fibre mesh 40 GSM with 50mm overlap. c). 3rd Layer: -Providing and application of one coat of high performance grey coloured elastomeric fibre reinforced polyurethane blended rubberised coating 5 LAYER SYSTEM mixing with 20% of water at a coverage of 400ml Per Sqm. d). 4th Layer: - Providing and application of one coat of high performance white coloured elastomeric heat-resistant insulator cum waterproof polyurethane coating - 5 LAYER SYSTEM mixing with 20% of water at a coverage of 400ml Per Sqm. e). 5th Layer: - Providing and application of one coat of high durable super white coloured elastomeric heat-resistant insulator cum waterproof polyurethane coating - 5 LAYER SYSTEM mixing with 20% of water at a coverage of 400ml Per Sqm. Total material consumption 1.5ltrs /Sqm excluding Fibre Mesh. Note: THE ABOVE TREATMENT WILL BE GUARANTEED FOR A PERIOD OF 5 YEARS.	Sqm	650
	New Item	BMT-H.157	Providing and Applying high performance, high abrasion, heat resistant two component fibre reinforced hybrid polyurea polyurethane blended advanced technology elastomeric liquid waterproof membrane coating system to the Terrace. a). - 1st Layer: - Providing and application of one coat of hybrid polyurea polyurethane black coloured waterproof primer coating - as a first coat application recommended to mix 20% of water at a consumption of 300ml Per Sqm. b). 2nd Layer: - Providing and laying of polyester fibre mesh 45 GSM with 50mm overlap. c). - 3rd Layer: - Providing and application of one coat of hybrid polyurea	Sqm	850

			polyurethane black coloured waterproof coating - as a third coat application recommended to mix 20% of water - at a consumption of 300ml Per Sqm).d). 4th Layer: -Providing and laying of polyester fibre mesh 40 GSM with 50mm overlap.e). - 5th Layer -Providing and application of one coat of Hybrid polyurea polyurethane blended rubberised grey coloured cellulose fibre reinforced waterproof coating as a fifth layer application recommended to mix 20% of water. (at a consumption of 500ml Per Sqm).f). - 6th Layer -Providing and application of one coat of hybrid polyurea polyurethane blended cellulose fibre reinforced elastomeric white colored membrane and heat-resistant waterproof coating as a 6th layer application recommended to mix 20% of water. (at a consumption of 300ml Per Sqm).g). -7th Layer -Providing and application of one coat of hybrid polyurea polyurethane blended cellulose fibre reinforced elastomeric super white colored membrane and heat-resistant waterproof coating -as a seventh and final layer application recommended to mix 20% of water. (at a consumption of 400ml Per Sqm). NOTE: Every layer of two components must be mixed in 1:1 ratio before application. Total material consumption 1.8ltrs /Sqm excluding Fibre Mesh. Note: THE ABOVE TREATMENT WILL BE GUARANTEED FOR A PERIOD OF 5 YEARS.		
	New Item	BMT-H.158	Providing and Applying 5-layer water proofing treatment with Specialized Hybrid Polyurea, Polyurethane Waterproof Coating Treatment to the Terrace.(a). Cleaning of the surface from dirt, dust and other contaminations. (b). Damp Tolerant, Solvent Free Penetrating Primer - Coverage: 200 Grams / Sqm as a 1st layer.(c). Laying of 45 GSM fibre mesh as a 2nd layer with Solvent Free Polyurea + Polyurethane + Aliphatic Coating - as a 3rd layer. Coverage: 600 Grams / Sqm.(d). Solvent Free Polyurea + Polyurethane + Aliphatic Coating - as a 4th layer. Coverage: 600 Grams / Sqm.(e). Lastly as a final coat PU based heat resistant - 300 Grams / Sqm. - Total 1.2mm nominal DFT.Total materials consumption 1.5 Kgs / Sqm excluding Fibre mesh. Note: THE ABOVE TREATMENT WILL BE GUARANTEED FOR A PERIOD OF 5 YEARS.	Sqm	700
			Providing and Applying Specialized Chemicals Five Layer Waterproofing Treatment with high performance, fibre reinforces, crystalline polyurethane based, high abrasion resistant Elastomeric liquid waterproof membrane coating system to the		

	New Item	BMT-H.159	Terrace. a) Take high power high bond PU blended penetrative crystalline two component coating - Ist layer and mix with required water and apply as a slurry coat directly on the cleaned surface at an average coverage of 1 Sqm per Kg penetrates into the cracks and disturbed surface of the floor to stabilize the floor area. b) On wet condition of the applied slurry coat place AFM 40/ 50 GSM mesh properly as a 2nd layer with overlapping of the mat 5-10 cm and allow the treatment for drying. c) Take high power high bond polyurethane based fibre reinforced two components coating - 3rd Layer Part -1 -1 Kg with Part - 2: 2 Kgs and mix with required water and apply as a third layer with Coverage of 1 Sqm per Kg. d) Over that 3rd layer : after drying, take high power, high bond polyurethane based crystalline two component coating – 4th Layer Part 1 - 1 Kg with Part-2 : 2 Kgs and mix with required water, and apply 4th layer with a Coverage of 1 Sqm / Kg to provide excellent highly durable waterproofing with UV resistant. e). Over the 4th layer after drying, take high power , high bond polyurethane based crystalline two component coating –5th Layer Part 1 - 1 Kg with Part-2 : 2 Kgs and mix with required water, and apply 5th layer with a coverage of 1 Sqm per Kg, provide excellent highly durable waterproofing with UV resistant. Total material consumption 4Kgs (mixed) /Sqm excluding Fibre Mesh. Note: THE ABOVE TREATMENT WILL BE GUARANTEED FOR A PERIOD OF 5 YEARS.	Sqm	625
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026-27 (Rs.)**
1		**2**	**3**	**4**	**5**
		II.SUB-SECTION	**INTERGRAL WATERPROOFING COMPOUND**		
362	MAT-05372	BMT-H.85	Integral Cement Waterproofing Admixture for Concrete Slabs and mortar plastering works. (Dosage : 100ml Per bag of 50 Kgs Cement) Complies with I.S. 2645-2003	**1 Ltr**	221

363	MAT-05373	BMT-H.86	Liquid Concentrated Micronized Cement waterproofing Compound for Slabs, mortar plastering and water retained structures. (Dosage : 500ml per bag of 50 Kgs Cement) Complies with I.S. 2645-2003	**1 Ltr**	139
		III.SUB-SECTION	**PLASTICIZERS AND WATER REDUCING AGENT**		
364	MAT-05374	BMT-H.87	Concrete plasticizers and Water reducing admixture (not air entraining agent) (Dosage : 15-20ml per bag of 50 Kgs Cement)- Complies with I.S. 9103-99 Ideal to use as concrete admixture for workability retension of slump and control water cement ratio of M 20 + grade concrete for slabs /roads works and other concrete works	**1 Ltr**	233
			SUPER PLASTICIZERS AND WATER REDUCING CONCRETE ADMIXTURES		
365	MAT-05375	BMT-H.88	Super plasticizer and water reducing concrete admixture base on Ligno Sulphide Complies with IS 9103 & ASTM C 494 (Dosage : 200ml to 300mlper bag of 50 Kgs Cement) For M25 + grade concrete works like Road Projects / Canal linings/ Dams / Reservoirs / Building's concrete works.	**1 Ltr**	86
366	MAT-05376	BMT-H.89	High performance super plasticizer and water reducing admixture based on lignosulphide and napthalene blended	**1 Kg**	89

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			Complies with 9103/4-99 (Dosage : 300ml to 500ml Per Bag of 50 Kgs Cement) For M30+ grade concrete works like Road Projects / Canal linings/ Dams / Reservoirs / Building's concrete works.		
367	MAT-05377	BMT-H.90	High performance super plasticizer and water reducing admixture based on napthalene blended Complies with 9103/4-99 (Dosage : 300ml to 500ml Per Bag of 50 Kgs Cement) For M40+ grade concrete Works like road projects / Canal linings / Dams / Reservoirs / Building's concrete works	**1 Kg**	95
			SELF COMPACTING CONCRETE ADMIXTURES		
368	MAT-05378	BMT-H.91	High strength super plasticizers and water reducing agent based on polycarboxylic technology. Complies with IS 9103/ASTM C 494 (300ml to 1 Ltr Per Bag of 50 Kgs Cement) For M-40+ + concrete structures in coastal areas, for early high strength.	**1 Kg**	132
			RETARDING ADMIXTURES		
369	MAT-05379	BMT-H.92	Super plasticizer, high range water reducing and retarding concrete admixture of napthalene blended. (Complies with 9103-99) (Dosage : 300ml to 500ml Per bag of 50 Kgs Cement) For delaying of initial setting time and M 40+ Grade concrete works.	**1 Kg**	100
			CORROSION INHIBITOR ADMIXTURE		
370	MAT-05380	BMT-H.93	High strength super plasticizer and corrosion inhibitor for concrete (Complies with IS 9103-99 & EN 1504-9 Method 11.3) (Dosage : 200ml to 500ml Per Bag of 50 Kgs Cement) For Concreting under extreme corrosion effected areas / coastal areas / industrial constructions to protect the steel reinforcement. Anti Corrosion and leak proof Crack Proof,Water Proof, Concrete Hardener Admixture liquid.	**1 Kg**	115
			AIR ENTRAINING AGENT		
371	MAT-05381	BMT-H.94	Hi-power concentrated Air Entraining,	**1 Ltr**	190

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27- (Rs.)
1		2	3	4	5
			Plasticizing & Water reducing compound Complies with IS 9103-99 & ASTM C 260 (Dosage 20ml per bag of 50 Kgs Cement) Ideal to use for the construction of Bridges, Barrages, Dams, Tunnels, Piles, Foundations, Towers etc.,		
372	MAT-05382	BMT-H.95	Two component High Power Polyester Resin Anchor Grout Compound Complies with ASTM-827 /SNF.CRDC-621 (Yield 0.5 Ltrs / 1 Kg Pack) For Anchoring / fix the steel bars into the rocks, concrete for foundations, extension of concrete.	**1 Kg**	372
IV. SUB-SECTION			**GROUTS**		
373	MAT-05383	BMT-H.96	Non-shrink Free flow high strength precision grout Complies with BS 1881 Part 1161983. For machinery / thin sections of concrete joints Filling.	**1 Kg**	42
374	MAT-05384	BMT-H.97	Low viscosity Epoxy resin injection grout -Two parts system. Complies with BS 6920 / ASTM 881-78 (Density 1.07 Kg Per Ltr) For Structural strengthening, filling of honey comb / voids in the concrete.	**1 Kg**	919
375	MAT-05385	BMT-H.98	Non-shrink, free flow, high strength grout admixture Dosage : 250 Grams Per Bag of 50 Kgs Cement. (Complies with B.S.1881 Part 1161983)	**1 Kg**	70
376	MAT-05386	BMT-H.99	High perfomrance, High build expansive acqua-reactive water barrier polyurethane grout.	**1 Kg**	1742
V. SUB- SECTION			**BONDING AGENTS**		
377	MAT-05387	BMT-H.100	Acrylic based bonding adhesive (Mix: 1:1 ratio of cement) Coverage : 50 SFT/Ltr/Coat Depending on the substrate On terrace old concrete to new mortar / screed.	**1 Ltr**	177
378	MAT-05388	BMT-H.101	Styrene butadiene rubber based bonding agent for mortar/ concrete	**1 Ltr**	516

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27- (Rs.)
1		2	3	4	5
			(Mix: 1:1 ratio of cement) For ceiling / concrete repairs and bonding. Coverage : 50 SFT/Ltr/Coat Depending on the substrate		
379	MAT-05389	BMT-H.102	Structural element concrete bonding agent old to new concrete epoxy bonding agent : (Two Parts system of Epoxy Bonding adhesive) Complies with ASTM-C 881 Coverage : 20 – 25 SFT / Kg /Coat For Structural concrete repairs / bonding.	**1 Kg**	1001
VI. SUB-SECTION			**SEALANTS**		
380	MAT-05390	BMT-H.103	Single component polyurethane sealant (Gungrade/ Pour Grade) Complis with : ASTM C 920 -95 Type S / Grade NS, Class 25, and BS ; 5212 Ideal to use for Filling of runways / buildings, expansion joints, construction joints, Terrace Cracks, Sealing joints at doors, windows, facades, frames, crack etc.,	**600ml**	556
381	MAT-05391	BMT-H.104	Two part polysulphide sealant (Gun / Pour Grade) Complies with ASTM C 920 - 95 / DIN 18549 TT - 5 - 00227 E/BS 4254 -83 Ideal to use for Expansion / construction joints of runways, buildings etc.,	**1 Kg**	469
382	MAT-05392	BMT-H.105	Acrylic Latex Caulking Compound Complies ASTM-C-834-91 Ideal for exterior and interior crack filling works, Excellent bonding strength to adjoining surface.	**1 Kg**	365
VII. SUB-SECTION			**PROTECTIVE WATERPROOFCOATINGS / CEMENT BASED COATINGS :**		
383	MAT-05393	BMT-H.106	Two component sysem High durable cementitious acrylic based waterproofing systems : Complies with ASTM D 4541 / BS EN 12390 / DN 1048 (2 to 3 Sqm in two coats) For Terrace, Water Tanks, Walls Waterproof Coatings of Two Part System.	**1 Ltr**	163
384	MAT-05394	BMT-H.107	Acrylic Polymer Elastomeric	**1 Ltr**	404

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			Cementitious Waterproof Coatings Surface treatments for Terrace, Water Tanks, Walls, Reservoirs Waterproofing Coatings.Complies with ASTM D4541 / BS EN 12390. (Coverage :50 to 60 SFT / Ltr / coat)		
			PURE ACRYLIC ELASTOMERICCOATINGS		
385	MAT-05395	BMT-H.108	Single component, High solid, cold applied, Acrylic elastomeric waterproof membrane coating Complies with ASTM C 836 / 89A & ASTM C 297 (Coverage : 50 to 60 SFT Per/Ltr/Coat) Wherever highly flexible, crack Bridging,waterproofing required for Terrace, Walls Highly Flexible Waterproof Liquid Membrane pure Acrylic Coatings. (for brush / spray application add 20% water per Ltr)	**1 Ltr**	492
386	MAT-05396	BMT-H.109	Rubberized elastomeric flexible waterproof coating Complies with ASTM 836 / 89 A & ASTM C 297 Coveage : 40 to 50 SFT / Ltr / coat (for brush / spray application add 20% water per Ltr)	**1 Ltr**	345
			BITUMINOUS COATING		
387	MAT-05397	BMT-H.110	Polyurethane blended Bituminous waterproof coating system - Complies with ASTM C 836 /D 638 / DIN - 1048 / ASTM D 1004 - 76 (Coverage :40 to 50 SFT / Kg / coat) Ideal to use as waterproof of RCC substrates, Roofs, Sloped roofs, Basements. Provides jointless and seamless membrane waterproofing. (for brush / spray application add 20% water per Ltr)	**1 Kg**	652
388	MAT-05398	BMT-H.111	High Performance Acrylic blended Bituminous waterproof coating systems. Complies with ASTM C 836 (Coverage : 40 to 50 SFT / Ltr / coat) (for brush / spray application add 20% water per Ltr)	**1 Kg**	403
			SOLAR REFLECTIVE COATING		
389	MAT-05399	BMT-H.112	Pure Acrylic Solar Reflective insulator coating Complies with ASTM - G - 154 : 2000 & ASTM E 903 / EN 1062 - 3 requirement of EN 1504 / 2 : EN 1062 -	**1 Ltr**	231

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			6 Coverage : 15 SFT / Ltr / 3 Coats (for brush / spray application add 20% water per Ltr		
			EPOXY COATINGS		
390	MAT-05400	BMT-H.113	Two component Water thinnable Food Neutral Epoxy coating (Complies with ASTM - C- 881 / EN 13813) Coverage : 70 to 80 SFT per Ltr / coat Ideal to use as internal coatings for potable water tanks, reservoirs, sumps and walls. Part - I 1 Kg : Part -II 1/2 Kg dilute with 1 Ltr of water	**1 Kg**	486
			POLYURETHANE COATING		
391	MAT-05401	BMT-H.114	Single component cold applied polyurethane waterproof coating - Complies with ASTM 836 / EN 1062-3 requirement of EN 1504 - 2 Coverage : 300 Grams Per coat / Sqm. brush / spray application add 20% water per Ltr	**1 Kg**	462
		VIII. SUB-SECTION	**ANTI CORROSIVE AGENTS**		
392	MAT-05402	BMT-H.115	Acrylic based Anti corrosive coating To protect the exposed reinforcement/steel structures against corrosion. Coverage : 40 SFT Per Ltr / Coat.	**1 Ltr**	400
393	MAT-05403	BMT-H.116	Rust converter–rust encapsulating coating for steel During repairs to protect, to convert the rust of reinforcement / steel. Coverage : 50 SFT Per Ltr / Coat	**1 Ltr**	558
394	MAT-05404	BMT-H.117	High range zinc rich epoxy resin primer for reinforcement steel protection against corrosion. Coverage : 4 Sq.Mtr. /Ltr / Coat	**1 Kg**	565
IX. SUB-SECTION			**CURING COMPOUND&MISCELLANEOUS CHEMICALS**		
395	MAT-05405	BMT-H.118	Acrylic blended water based concrete curing compounds Complies with ASTM - C - 309 Class - A Types I & II Coverage : 3.5 to 4 Sqm / Kg / Coat	**1 Kg**	70

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			CONCRETE REPAIR ADMIXTURES		
396	MAT-05406	BMT-H.119	Acrylic polymer modified reinstatement concrete /mortar admixture Dosage : 1 to 2 Ltrs Per Bag of 50 Kgs Cement can be mixed with required aggregates To achieve trusted High Strength Concreting / Structural rehabilitation / concrete repairs.	**1 Ltr**	515
			CRYSTALLIZATION COMPOUND		
397	MAT-05407	BMT-H.120	Concrete waterproofing with crystallization system by blocking inner pours and cavities of concrete. Coverage : 1.25 Kg per Sqm / Coat For Negative Water Pressure Treatments like Cellar / Ceiling areas etc.,	**1 Kg**	412
			PLUGGING COMPOUND		
398	MAT-05408	BMT-H.121	Fast setting cement based plugging compound. To arrest water flow leakages. (Powder Form :mix with water direct application	**1 Kg**	100
			SHOTCRETE / GUNITING ADMIXTURE		
399	MAT-05409	BMT-H.122	Set Accelerator for sprayed concrete and plasticizer Complies with IS 9103-99 / ASTM C 494 Type C / BS 5075 Dosage : 1 Kg to 3 Kgs per Bag of 50 Kgs Cement Depend on setting time required For shotcrete / Gunniting / Emergency concrete works	**1 Kg**	100
400	MAT-05410	BMT-H.123	Quick setting, rapid hardening and water proofing compound Complies with ASTM C 494 Type C / IS 9103 -99 & BS 5075. Dosage : 1 Kg to 3 Kgs Per Bag of 50 Kgs Cement Depend on setting time For emergency works/Anti wash and under water concreting.	**1 Ltr**	90
			MICRO CONCRETE		
401	MAT-05411	BMT-H.124	High strength non-shrink cementitious micro concrete	**1 Kg**	45
			TILE ADHESIVES / GROUTS		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
402	MAT-05412	BMT-H.125	Tile Adhesive. Confirms to IS 15477-2004 for both type I & II / BS : EN 12004 CTT adhesive. For excellence adhesion, improved workability waterproof and also heat resistant tile fixing adhesive. At 3mm thickness 65-70 SFT	**1 Kg**	65
403	MAT-05413	BMT-H.126	Three component system epoxy grout for Vitrified tiles, Ceramic tiles and stones B.S. 5980 : 1980 / BS EN 120004, R 2 T. Depends upon tile dimension and grout width	**1 Kg**	798
404	MAT-05414	BMT-H.127	Polymer Modified Tile Grout Complies with BS EN 13888, CG 2AW 4 - 4.5 Sqm / Kg of 150 mm x 150mm tile size mix 1 Part Water with 4 Parts Powder Pack	**1 Kg**	70
405		BMT-H.133	SPECIALISED POLYSULPHIDE / POLYURETHANE / HIGHBRED ACRYLIC /SEALANT TREATMENT TO THE OLD / EXISTING EXPANSION JOINT IN THE TERRACE, COLUMN, BEAM 1. Cut and remove the existing expansion joint in the screed for a minimum width of 200 mm and a depth of screed (up to the mother slab) by using diamond disc cutting machine and dispose the debris as per the department instruction. All elevated kerb wall both sides of the expansion joint along with the top free laying slab, cover etc as per the site conditions under the scope of the main contractor / client 2. Remove the existing filling for a minimum depth of 40 mm using sharp knife (approximate size 25 x 40 mm) as per the site condition. 3. If the site condition allows to insert backer rod, remove the existing filling for a minimum depth of 70 mm from the top (the clear filling of sealant should be 40 mm) and insert inside the joint. 4. Clean the surface with air blower up to receive a dust free surface and make sure the surface is sound dry or the moisture content is less than 5 %. Apply one coat of Penetrative Primer and allow touching dry.	**RMT**	2719

			6. Fill the joint by using a sealant gun / notch trowel as per site condition up to the required depth and width and allow to dry for a minimum period of 1 day as per the climatic condition. 7. Apply two coat of penetrative sealer coat site mixed primer - mix with portable water and OP Cement in the ratio of 2:1:3 cement by using slow speed mixer machine with paddle for a period of 2 to 3 minutes up to receive a homogeneous mix) @ 1.000 Liter per SQM in the entire screed removed portion (vertical and horizontal faces) of 200 mm along with saturated (saturated with MixPRIME AC100: Water: OP Cement in the ratio of 2:1:1) in between the two coats and allow to cure for a period of 6 hours. 8. Do the necessary levelling plastering with cement sand mortar 1:2:4 (6 mm aggregate) screed along with the addition of MixBOND SBR Super and PLAST FIBER 3S as per the following for a minimum thickness of removal. a. Mix the MixBOND SBR Super @ 2 Liter / Bag Cement in the ratio of 1:4 Mortar (Pre mix the admixture in the portable water for preparing the mortar) b. Add 100 Gram PLASTFIBER 3S in the above liquid and stirred well with a slow speed drill with paddle. c. Prepare the cement sand screed in the ratio of 1:2:4 with above prepared liquid for the suitable consistency. d. Necessary curing and drying for a minimum period of 4 days. 9. In wet condition, provide a dummy expansion joint on the top of the screed for a minimum size of 10 x 10 mm by using sharp trowel 10. Apply one coat of Penetrative in the entire surface of the dummy joint and allow to touch dry for a period of 30 minutes. Fill the in the joint by using a sealant gun / notch trowel as per site condition up to the required depth and width.		

			Procedure for Waterproofing System – 500 mm width **1.** Apply one coat of penetrative sealer coat site mixed - mix with portable water and OP Cement in the ratio of 2:1:3 (Two part MixPRIME AC100 : One Part water : 3 Part OP cement by using slow speed mixer machine with paddle for a period of 2 to 3 minutes up to receive a homogeneous mix) @ 1.000 Liter per SQM as per the porosity of the prepared mother slab by using roller brush / hand brush / Sprayer and allow to dry for a period of 6 to 8 Hrs after the laying of tensile reinforcement mat. **2.** Lay the (as per site condition) on the top in the wet condition. In such a way place the MixMAT GFM 70/50 on the prepared surface and applied the slurry over also obtain the same technical property. **3.** Apply one coat of penetrative primer @ 0.250 Liter per SQM by using roller brush / hand brush / sprayer and allow drying for a period of 6 Hrs. **4.** Application of Base Coat Water Proofing System with @ 0.500 Kg / SQM by using roller brush / hand brush / sprayer and allow to dry for a period of 6 Hrs. **5.** Application of Top Coat Water Proofing System with @ 0.500 Kg / SQM by using roller brush / hand brush / sprayer and allow to final curing for a period of 2 to 3 days equivalent compline with BS 5254, ASTM C 834, ASTM C 1253, ASTM D 4541, ASTM D 1117, ASTM D 5729Note: - 1) No dilution or modification recommended except item no 7,8 and 1 in HR5 System. 2) The all materials should be procured as per the consumption with respect of the work order. 3) The application should be carried out by an approved agency. 4) The contractor should provide 5 years material warrantee from the Manufacturer and 5-year warrantee from the applicator or combined 5) The all-civil work such as cutting (elevated kerb wall with slab), removing cleaning and screed with cement sand and aggregate including all materials and labours should be under the scope of the main contractor / client as per the site condition and our requirement to complete the expansion joint treatment as per the BOQ / Tender document.		

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
I.SECTION			**GLASS MATERIALS (Landing cost – including loading,cost of conveyance & unloading)**		
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I.SUB- SECTION			**PLAIN GLASS PANLES**		
406	MAT-01052	BMT-I.01	Plain Float Glass 4 mm thick	1 sqm	479
407	MAT-01053	BMT-I.02	Plain Float Glass 5 mm thick	1 sqm	585
408	MAT-01054	BMT-I.03	Plain Float Glass 6 mm thick	1 Sqm	735
409	MAT-01055	BMT-I.04	Plain Float Glass 8 mm thick	1 Sqm	1050
410	MAT-01056	BMT-I.05	Plain Float Glass 10 mm thick	1 Sqm	1218
411	MAT-01057	BMT-I.06	Plain Float Glass 12 mm thick	1 Sqm	1449
II..SUB- SECTION			**PIN HEADED GLASS PANLES**		
412	MAT-01064	BMT-I.13	Pin headed Glass 4 mm thick	1 sqm	372
413	MAT-01065	BMT-I.14	Pin headed Glass 5 mm thick	1 sqm	489
III..SUB- SECTION			**TINTED GLASS PANLES**		
414	MAT-01058	BMT-I.07	Tinted - Bronze/ Green Glass 4 mm thick	1 sqm	620
415	MAT-01059	BMT-I.08	Tinted - Bronze/ Green Glass 5 mm thick	1 sqm	735
416	MAT-01060	BMT-I.09	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	876
417	MAT-01061	BMT-I.10	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	1223

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27(Rs.)
1		2	3	4	5
418	MAT-01062	BMT-I.11	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1533
419	MAT-01063	BMT-I.12	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1911
IV..SUB-SECTION			**FROSTED/ GROUND GLASS PANLES**		
420	MAT-01066	BMT-I.15	Frosted / Ground Glass 4 mm thick	1 sqm	609
421	MAT-01067	BMT-I.16	Frosted / Ground Glass 5 mm thick	1 sqm	775
V..SUB- SECTION			**TOUGHENED PANLES**		
422	MAT-01068	BMT-I.17	Toughened Plain Glass 5 mm (including Glass)	1 sqm	846
423	MAT-01069	BMT-I.18	Toughened Plain Glass 6 mm (including Glass)	1 sqm	963
424	MAT-01070	BMT-I.19	Toughened Plain Glass 8 mm (including Glass)	1 sqm	1170
425	MAT-01071	BMT-I.20	Toughened Plain Glass 10 mm (including Glass)	1 sqm	1430
426	MAT-01072	BMT-I.21	Toughened Plain Glass 12 mm (including Glass)	1 sqm	1620
J.SECTION			**PAINTS & POLISHES (Landing cost – including loading,cost of conveyance & unloading)**		
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I.SUB-SECTION			**PRIMERS, FILLERS & BASES**		
427	MAT-01073	BMT-J.01	Supply of water based Cement Primer of Interior Grade- 1	1 Kg	82
428	MAT-01074	BMT-J.02	Supply of water based Cement Primer of Exterior Grade- 2	1 Kg	94
429	MAT-01104	BMT-J.31	Supply of wall putty of White Cement or Polymer or Cement based	20 Kg	427
430	MAT-01075	BMT-J.03	Supply of Red Oxide Primer Paint for iron works of Grade -1	1 Litre	171
431	MAT-01076	BMT-J.04	Supply of Zinc Chromate Yellow Oxide Primer paint for iron works	1 Litre	175
432	MAT-01077	BMT-J.05	Supply of Wood Primer	1 Litre	192
433	MAT-01078	BMT-J.06	Supply of Metal paste (Putty) for steel works	1 Kg	145
434	MAT-01079	BMT-J.07	Supply of Putty for wood work	1 Kg	117
435	MAT-01080	BMT-J.08	Supply of White Lead	1 Kg	131

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
436	MAT-01081	BMT-J.09	Supply of Synthetic clear Varnish	1 Litre	181
437	MAT-01082	BMT-J.10	Supply of Spirit	1 Litre	82
438	MAT-01083	BMT-J.11	Supply of Linseed Oil	1 Litre	68
439	MAT-01084	BMT-J.12	Supply of thinner for melamine polish/ french polish	1 Litre	122
440	MAT-01085	BMT-J.13	Supply of thinner for Poly-urethene polish	1 Litre	189
441	MAT-01086	BMT-J.14	Supply of French Polish	1 Litre	122
442	MAT-01087	BMT-J.15	Supply of ready made Wax Polish	1 Kg	561
443	MAT-01091	BMT-J.19	Supply of wood adhesive compound	1 Kg	173
444	MAT-01100	BMT-J.27	Supply of anti-corrosive grade - 1 bitumen paint of black colour	1 Litre	122
II.SUB-SECTION			**DISTEMPER PAINTS**		
445	MAT-01092	BMT-J.20	Supply of Dry Powder Distemper	1 Kg	20
446	MAT-01093	BMT-J.21	Supply of acrylic based Oil Bound washable Distemper	1 Kg	41
447	MAT-01099	BMT-J.26	Supply of paint grade white lime for wash	25 Kg	319
448	MAT-01095	BMT-J.23	Supply of Water proof Cement paint	1 Kg	59
449	MAT-01098	BMT-J.25	Supply of water proof Cement paint pack	25 Kg	1141
III.SUB- SECTION			**EMULSION BASED PAINTS**		
450	MAT-01097	BMT-J.24	Supply of acrylic emulsion paint **interior grade** having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	178
451	MAT-01107	BMT-J.34	Supply of acrylic emulsion paint **exterior grade** with silicon additives having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1Lit	187
452	MAT-01108	BMT-J.35	Supply of acrylic emulsion paint **weather proof water-based,** modified acrylic with silicon additives **exterior grade** having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1Lit	262
IV.SUB- SECTION			**SOLVENT BASED PAINTS**		
453	MAT-01094	BMT-J.22	Supply of synthetic polymer luxury plastic emulsion paint of **superior grade** having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	406

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27- (Rs.)
1		2	3	4	5
V.SUB- SECTION			OIL BASED ENAMEL PAINTS		
454	MAT-01102	BMT-J.29	Supply of ready mixed Synthetic Enamel paints in all shades Grade - I having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	209
455	MAT-01103	BMT-J.30	Supply of ready mixed Synthetic Enamel paints in all shades Grade - II having VOC (Volatile Organic Compound) content less than 50 grams/ liter.	1 Litre	179
VI.SUB- SECTION			TEXTURE PAINTS		
456	MAT-01105	BMT-J.32	Exterior Texture.	25 Kg	460
457	MAT-01106	BMT-J.33	Gold line Exterior Texture	25 Kg	1194
VII.SUB-SECTION			SPECIAL PAINTS		
459	MAT-01088	BMT-J.16	Supply of Melamine Polish	1 Litre	243
460	MAT-01089	BMT-J.17	Supply of Interior Grade Poly-Urethene Polish	1 Litre	406
461	MAT-01090	BMT-J.18	Supply of Exterior Grade Poly-Urethene Polish	1 Litre	938
462	MAT-01101	BMT-J.28	Supply of grade-1 aluminium paint	1 Litre	269
463	MAT-05415	BMT-J.36	Acrylic spray plaster in paste form made with specially selected inert mineral fillers, antifungal agents to protect the material the acrylic binding medium used gives good surface adhesion any grade **Spray Plaster - Superfine (Interior Grade)**	25Kg	406
464	MAT-05416	BMT-J.37	**Acrylic coarse spray plaster** in paste form made with specially selected inert mineral fillers, antifungal agents to protect the material the acrylic binding medium used gives good surface adhesion **interior gradeAcrylic coarse**	25Kg	475
465	MAT-05417	BMT-J.38	Supply of **acrylic emulsion paint interior premium grade** having VOC (Volatile Organic Compound) content less than 50 grams/liter	1 Liter	320
466	MAT-05418	BMT-J.39	Supply of Base coat as primer for natural textures and natural stone based paints - **Exterior GradeBASE COAT**	1Kg	95
467	MAT-05419	BMT-J.40	**Acrylic spray plaster in paste form** made with specially selected inert mineral fillers, antifungal agents to	25Kg	324

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27-(Rs.)
1		2	3	4	5
			protect the material the acrylic binding medium used gives good surface adhesion **exterior grade Spray Plaster (Exterior)**		
468	MAT-05420	BMT-J.41	Supply of **acrylic emulsion paint exterior premium grade** with silicon additives having VOC (Volatile Organic Compound) content less than 50 grams/liter.Alltimate	1 Liter	186
469		BMT-J.42	Poly-urethane paint	1 Liter	304
K - SECTION			**PARTICLE BOARDS (Landing cost – including loading,cost of conveyance, unloading)**		
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I.SUB- SECTION			**MELAMINE FACED PLAIN PARTICLE BOARDS**		
470	MAT-01109	BMT-K.01	Melamine faced Single Deco PPB- 8 mm thick	1Sqm	649
471	MAT-01110	BMT-K.02	Melamine faced Single Deco PPB- 12 mm thick	1Sqm	752
472	MAT-01111	BMT-K.03	Melamine faced Single Deco PPB- 18 mm thick	1Sqm	866
473	MAT-01112	BMT-K.04	Melamine faced Single Deco PPB- 25 mm thick	1Sqm	965
474	MAT-01113	BMT-K.05	Melamine faced Single Deco PPB- 35 mm thick	1 Sqm	1587
475	MAT-01114	BMT-K.06	Melamine faced Twin Deco PPB- 8 mm thick	1 Sqm	694
476	MAT-01115	BMT-K.07	Melamine faced Twin Deco PPB- 12 mm thick	1 Sqm	857
477	MAT-01116	BMT-K.08	Melamine faced Twin Deco PPB-18 mm thick	1 Sqm	989
478	MAT-01117	BMT-K.09	Melamine faced Twin Deco PPB-25 mm thick	1 Sqm	1071
479	MAT-01118	BMT-K.10	Melamine faced Twin Deco PPB-35 mm thick	1 Sqm	2071
II.SUB- SECTION			**INSULATING PARTICLE BOARDS**		
480	MAT-01119	BMT-K.11	Natural Colour-Insulating Board - 12 mm thick	1 Sqm	269
481	MAT-01120	BMT-K.12	Natural Colour-Insulating Board - 18 mm thick	1 Sqm	395
482	MAT-01121	BMT-K.13	Natural Colour-Insulating Board - 25 mm thick	1 Sqm	452
483	MAT-01122	BMT-K.14	White Insulating Board - 12 mm thick	1 Sqm	298
484	MAT-01123	BMT-K.15	White Insulating Board - 18 mm thick	1 Sqm	428

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
485	MAT01124	BMT-K.16	White Insulating Board 25 mm thick	1 Sqm	391
III.SUB SECTION			MEDIUM DENSITY FIBER BOARD		
486	MAT01125	BMT-K.17	Medium Fiber Board: Interior Grade 6 mm thick	1 Sqm	400
487	MAT01126	BMT-K.18	Medium Fiber Board: Interior Grade 8 mm thick	1 Sqm	472
488	MAT01127	BMT-K.19	Medium Fiber Board: Interior Grade 12 mm thick	1 Sqm	594
489	MAT01128	BMT-K.20	Medium Fiber Board: Interior Grade 15 mm thick	1 Sqm	760
490	MAT01129	BMT-K.21	Medium Fiber Board: Interior Grade 18 mm thick	1 Sqm	852
491	MAT01130	BMT-K.22	Medium Fiber Board: Interior Grade 25 mm thick	1 Sqm	1319
492	MAT01131	BMT-K.23	Medium Fiber Board: Interior Grade 30 mm thick	1 Sqm	1597
493	MAT01132	BMT-K.24	Medium Fiber Board: Interior Grade 35 mm thick	1 Sqm	1749
494	MAT01133	BMT-K.25	Medium Fiber Board: Exterior Grade 6 mm thick	1 Sqm.	545
495	MAT01134	BMT-K.26	Medium Fiber Board: Exterior Grade 8 mm thick	1 Sqm.	543
496	MAT01135	BMT-K.27	Medium Fiber Board: Exterior Grade 12 mm thick	1 Sqm.	842
497	MAT01136	BMT-K.28	Medium Fiber Board: Exterior Grade 15 mm thick	1 Sqm.	1040
498	MAT01137	BMT-K.29	Medium Fiber Board: Exterior Grade 18 mm thick	1 Sqm.	1144
499	MAT01138	BMT-K.30	Medium Fiber Board: Exterior Grade 25 mm thick	1 Sqm.	1569
500	MAT01139	BMT-K.31	Medium Fiber Board: Exterior Grade 30 mm thick	1 Sqm.	1958
501	MAT01140	BMT-K.32	Medium Fiber Board: Exterior Grade 35 mm thick	1 Sqm.	2283
502	MAT01141	BMT-K.33	MDF Board: Plain Interior 9 mm thick	1 Sqm	389
503	MAT01142	BMT-K.34	MDF Board: Plain Interior 12 mm thick	1 Sqm	443
504	MAT01143	BMT-K.35	MDF Board: Plain Interior 18 mm thick	1 Sqm	495

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
505	MAT01144	BMT-K.36	MDF Board: Plain Interior 25 mm thick	1 Sqm	554
506	MAT01145	BMT-K.37	MDF Board: Plain Interior 30 mm thick	1 Sqm	975
507	MAT01146	BMT-K.38	MDF Board: Plain Interior 35 mm thick	1 Sqm	1170
508	MAT01147	BMT-K.39	MDF Board: Plain Exterior 9 mm thick	1 Sqm	402
509	MAT01148	BMT-K.40	MDF Board: Plain Exterior 12 mm thick	1 Sqm	525
510	MAT01149	BMT-K.41	MDF Board: Plain Exterior 18 mm thick	1 Sqm	677
511	MAT01150	BMT-K.42	MDF Board: Plain Exterior 25 mm thick	1 Sqm	927
512	MAT01151	BMT-K.43	MDF Board: Plain Exterior 30 mm thick	1 Sqm	1198
513	MAT01152	BMT-K.44	MDF Board: Plain Exterior 35 mm thick	1 Sqm	1404
514	MAT01153	BMT-K.45	MDF Board: Interior One Side Laminated 9 mm thick	1 Sqm	628
515	MAT01154	BMT-K.46	MDF Board: Interior One Side Laminated 12 mm thick	1 Sqm	704
516	MAT01155	BMT-K.47	MDF Board: Interior One Side Laminated 18 mm thick	1 Sqm	807
517	MAT01156	BMT-K.48	MDF Board: Interior One Side Laminated 25 mm thick	1 Sqm	909
518	MAT01157	BMT-K.49	MDF Board: Interior One Side Laminated 30 mm thick	1 Sqm	1254
519	MAT01158	BMT-K.50	MDF Board: Interior One Side Laminated 35 mm thick	1 Sqm	749
520	MAT01159	BMT-K.51	MDF Board: Exterior One Side Laminated 9 mm thick	1 Sqm	706
521	MAT01160	BMT-K.52	MDF Board: Exterior One Side Laminated 12 mm thick	1 Sqm	815
522	MAT01161	BMT-K.53	MDF Board: Exterior One Side Laminated 18 mm thick	1 Sqm	856
523	MAT01162	BMT-K.54	MDF Board: Exterior One Side Laminated 25 mm thick	1 Sqm	1051
524	MAT01163	BMT-K.55	MDF Board: Exterior One Side Laminated 30 mm thick	1 Sqm	1416
525	MAT01164	BMT-K.56	MDF Board: Exterior One Side Laminated 35 mm thick	1 Sqm	660
526	MAT01165	BMT-K.57	MDF Board: Interior Both Side Laminated 9 mm thick	1 Sqm	659
527	MAT01166	BMT-K.58	MDF Board: Interior Both Side Laminated 12 mm thick	1 Sqm	785
528	MAT01167	BMT-K.59	MDF Board: Interior Both Side Laminated 18 mm thick	1 Sqm	911

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
529	MAT01168	BMT-K.60	MDF Board: Interior Both Side Laminated 25 mm thick	1 Sqm	1123
530	MAT01169	BMT-K.61	MDF Board: Interior Both Side Laminated 30 mm thick	1 Sqm	1374
531	MAT01170	BMT-K.62	MDF Board: Interior Both Side Laminated 35 mm thick	1 Sqm	778
532	MAT01171	BMT-K.63	MDF Board: exterior Both Side Laminated 9 mm thick	1 Sqm	757
533	MAT01172	BMT-K.64	MDF Board: exterior Both Side Laminated 12 mm thick	1 Sqm	892
534	MAT01173	BMT-K.65	MDF Board: exterior Both Side Laminated 18 mm thick	1 Sqm	1053
535	MAT01174	BMT-K.66	MDF Board: exterior Both Side Laminated 25 mm thick	1 Sqm	1141
536	MAT01175	BMT-K.67	MDF Board: exterior Both Side Laminated 30 mm thick	1 Sqm	1399
537	MAT01176	BMT-K.68	MDF Board: exterior Both Side Laminated 35 mm thick	1 Sqm	1440
IV.SUB SECTION			**CEMENT BONDED PARTICLEBOARD**		
538	MAT01177	BMT-K.69	Cement bonded particle board conforming to IS 14276 6 mm thick	1 sqm	286
539	MAT01178	BMT-K.70	Cement bonded particle board conforming to is 14276 8 mm thick	1 sqm	311
540	MAT01179	BMT-K.71	Cement bonded particle board conforming to is 14276 10 mm thick	1 sqm	454
541	MAT01180	BMT-K.72	Cement bonded particle board conforming to is 14276 12 mm thick	1 sqm	470
542	MAT01181	BMT-K.73	Cement bonded particle board conforming to is 14276 16 mm thick	1 sqm	481
543	MAT05423	BMT-K.109	Cement bonded particle board conforming to is 14276 18 mm thick	1 Sqm	746
544	MAT01182	BMT-K.74	Cement bonded particle board conforming to is 14276 20 mm thick	1 sqm	823
545	MAT01183	BMT-K.75	Cement bonded particle board conforming to is 14276 25 mm thick	1 sqm	906
546	MAT01184	BMT-K.76	Cement bonded particle board conforming to is 14276 30 mm thick	1 sqm	1181
547	MAT01185	BMT-K.77	Cement bonded particle board conforming to is 14276 40 mm thick	1 sqm	1423

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
549	MAT01186	BMT-K.78	Pre laminated cement bonded particle board6 mm thick	1 sqm	450
550	MAT01187	BMT-K.79	Pre laminated cement bonded particle board8 mm thick	1 sqm	694
551	MAT01188	BMT-K.80	Pre laminated cement bonded particle board 10 mm thick	1 sqm	827
552	MAT01189	BMT-K.81	Pre laminated cement bonded particle board 12 mm thick	1 sqm	896
553	MAT01190	BMT-K.82	Pre laminated cement bonded particle board 16 mm thick	1 sqm	997
554	MAT01191	BMT-K.83	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4' **6mm thick**	1 sqm	337
555	MAT01192	BMT-K.84	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4' **8mm thick**	1 sqm	402
556	MAT01193	BMT-K.85	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4' **10mm thick**	1 sqm	401
557	MAT01194	BMT-K.86	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4' **12mm thick**	1 sqm	646
558	MAT01195	BMT-K.87	Cement Bonded Particale DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4' **16mm thick**	1 sqm	837
559	MAT01196	BMT-K.88	Cement Bonded Board conforming to IS:148622000 4mm Thick	1 Sqm	197
560	MAT01197	BMT-K.89	Cement Bonded Board conforming to IS:148622000 6mm Thick	1 Sqm	264
561	MAT01198	BMT-K.90	Cement Bonded Board conforming to IS:148622000 8mm Thick	1 Sqm	349
562	MAT01199	BMT-K.91	Cement Bonded Board conforming to IS:148622000 10mm Thick	1 Sqm	400
563	MAT01200	BMT-K.92	Cement Bonded Board conforming to IS:148622000 12mm Thick	1 Sqm	496
564	MAT01201	BMT-K.93	Cement Bonded Board conforming to IS:148622000 14mm Thick	1 Sqm	526
565	MAT01202	BMT-K.94	Cement Bonded Board conforming to IS:148622000 16mm Thick	1 Sqm	526
566	MAT01203	BMT-K.95	Cement Bonded Board conforming to IS:148622000 18mm Thick	1 Sqm	634

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
567	MAT01204	BMT-K.96	Cement Bonded Board conforming to IS:148622000 20mm Thick	1 Sqm	719
568	MAT01213	BMT-K.105	**ITEM DELETED**		
569	MAT05421	BMT-K.106	50 mm thick **SOLID WALL PANEL** Sandwich panels made of light weight FRACC nonasbestos Fiber reinforced cement concrete	1 Sqm	1141
570	MAT05422	BMT-K.107	75 mm thick **SOLID WALL PANEL Sandwich panels made of light weight FRACC nonasbestos Fiber reinforced cement concrete**	1 Sqm	1416
		BMT-K.108	Providing, Supply and fixing of Single extruded Natural Fiber Composite (NFC) board comprising of Natural Fibers derived from agri residuals like rice husk and stalk, non-toxic natural minerals like calcium carbonate, fillers, processing additives, lubricants and heat stabilisers - bonded with Polyvinyl Chloride resin, having minimum density of 700 Kg/CBM, screw withdrawal strength of 1800 N (Face) and 900 N (edge), minimum compressive strength 40 MPA, modulus of elasticity 1000 N/mm2 and resistance to spread of flame as per Class 1/A category with everlasting property of being **termite/borer proof, water proof and flame retardant, smoke suppressant.** The Work shall be carried out as per specification & drawings and as per direction of Engineer-In- Charge		
		BMT-K.108.A	Thickness 6mm of minimum density 700 Kg/cum	1 Sqm	1104
		BMT-K.108.B	Thickness 8mm of minimum density 700 Kg/cum	1 Sqm	1379
		BMT-K.108.C	Thickness 12mm of minimum density 700 Kg/cum	1 Sqm	1678
		BMT-K.108.D	Thickness 16mm of minimum density 700 Kg/cum	1 Sqm	2219
		BMT-K.108.E	Thickness 18mm of minimum density 700 Kg/cum	1 Sqm	2379
		BMT-K.108.F	Thickness 25mm of minimum density 700 Kg/cum	1 Sqm	3598
		BMT-K.108.G	Thickness 6mm of minimum density 800 Kg/cum	1 Sqm	1242
		BMT-K.108.K	Thickness 8mm of minimum density 800 Kg/cum	1 Sqm	1553

	BMT-K.108.L		Thickness 12mm of minimum density 800 Kg/cum	1 Sqm	1879
	BMT-K.108.M		Thickness 16mm of minimum density 800 Kg/cum	1 Sqm	2483
	BMT-K.108.N		Thickness 18mm of minimum density 800 Kg/cum	1 Sqm	2667
		Note: Items BMT-K.97 , BMT-K.98,BMT-K.99,BMT-K.100,BMT-K.101,BMT-K.102,BMT-K.103,BMT-K.104 are removed in the section K and are brought as new items in the Section L as BMT-L.21,BMT-L.22,BMT-L.23,BMT-L.24,BMT-L.25,BMT-L.26,BMT-L.27,BMT-L.28.			
L.SECTION			**PLYWOOD (Landing cost – including loading, cost of conveyance, unloading)**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB SECTION			**MOISTURE RESISTANT (MR) GRADE**		
571	MAT01216	BMT-L.01	3 Ply 4 mm thick Plywood(IS:303) MR Grade	1 Sqm	356
572	MAT01217	BMT-L.02	5 Ply 6 mm thick Plywood(IS:303) MR Grade	1 Sqm	427
573	MAT01218	BMT-L.03	5 Ply 8 mm thick Plywood(IS:303) MR Grade	1 Sqm	548
574	MAT01219	BMT-L.04	5 Ply 9 mm thick Plywood(IS:303) MR Grade	1 Sqm	548
575	MAT01220	BMT-L.05	9 Ply 12 mm thick Plywood(IS:303) MR Grade	1 Sqm	667
576	MAT01221	BMT-L.06	9 Ply 15 mm thick Plywood(IS:303) MR Grade	1 Sqm	762
577	MAT01222	BMT-L.07	9 Ply 18 mm thick Plywood(IS:303) MR Grade	1 Sqm	792
II.SUB SECTION			**BOILING WATER RESISTANT (BWR)GRADE**		
578	MAT01223	BMT-L.08	3 Ply 4 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	406
579	MAT01224	BMT-L.09	5 Ply 6 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	506
580	MAT01225	BMT-L.10	5 Ply 8 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	624
581	MAT01226	BMT-L.11	5 Ply 9 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	624
582	MAT01227	BMT-L.12	9 Ply 12 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	767
583	MAT01228	BMT-L.13	9 Ply 15 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	930
584	MAT01229	BMT-L.14	9 Ply 19 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	1024

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
III.SUB SECTION			VENEERED DECORATIVE PLYWOOD		
585	MAT01230	BMT-L.15	3 Ply4 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	662
586	MAT01231	BMT-L.16	5 Ply 6 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	809
587	MAT01232	BMT-L.17	5 Ply 9 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	943
588	MAT01233	BMT-L.18	9 Ply 13 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1374
589	MAT01234	BMT-L.19	5 Ply 9 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1402
590	MAT01235	BMT-L.20	9 Ply 12 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1232
IV.SUB SECTION			LAMINATES		
591	MAT01205	BMT-L.21	Laminate Sheets Glossy Finish: 1 mm thick	1 Sqm	439
592	MAT01206	BMT-L.22	Laminate Sheets Glossy Finish: 1.50 mm thick	1 Sqm	588
593	MAT01207	BMT-L.23	Laminate Sheets Glossy Finish: 1.80 mm thick	1 Sqm	589
594	MAT01208	BMT-L.24	Laminate Sheets Mat Finish: 1 mm thick	1 Sqm	460
595	MAT01209	BMT-L.25	Laminate Sheets Mat Finish: 1.50 mm thick	1 Sqm	599
596	MAT01210	BMT-L.26	Laminate Sheets Mat Finish: 1.80 mm thick	1 Sqm	592
V.SUB SECTION			COMMERCIAL VENEERS		
597		BMT-L.27	Teak Veneer Lamination 4 mm thick Pencil Grains	1 Sqm	516
598		BMT-L.28	Teak Veneer Lamination 4 mm thick Natural Grains	1 Sqm	919
		BMT-L.29	Providing Wood Polymer Composite (WPC) solid, frostywhite single extruded factory made 2.44 mt x 1.22 mt boards in		
599	MAT05424	BMT-L.29.A	6 MM thickness (Density 550 kg/Cum, Weight 9.5Kg)	1 Sqm	788
600	MAT05425	BMT-L.29.B	11 MM thickness (Density 500 kg/Cum, Weight 16.5Kg)	1 Sqm	1294
601	MAT05426	BMT-L.29.C	18 MM thickness (Density 650 kg/Cum, Weight 35Kg)	1 Sqm	2130

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
M.SECTION			**CEILINGS, WALL PARTITIONS &WALL LININGS**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUBSECTION			**FALSE CEILINGs TILES / SHEETS**		
602	MAT01236	BMT-M.01	Gypsum Board tiles of size notless than 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 1992	1 Sqm	311
603	MAT01237	BMT-M.02	Gypsum Board tiles of size notless than 0.595 M x 0.595 M of 9 mm thick as per IS 2095 1992	1 Sqm	291
604	MAT01238	BMT-M.03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 1993	1 Sqm	240
605	MAT01263	BMT-M.28	14 mm Mineral Fiber sheet 600 x 600 of Board / Tegular Edge tiles with a Humidity Resistance of 80% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity λ = 0.052 to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	610
606	MAT01264	BMT-M.29	15 mm Mineral Fiber sheet 600 x 600 of Board / Tegular Edge tiles with a Humidity Resistance of 90% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity λ = 0.052 to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	742
607	MAT01265	BMT-M.30	16 mm Tegular Edge 600 x 600 of Board / Tegular/ Micro look Edge tiles with a Humidity Resistance of 99% RH, Average NRC 0.60, Light Reflectance >88%, Thermal Conductivity λ = 0.052 to 0.057 w/mk, Fire Performance Class 0/Class 1	1 Sqm	750
608	MAT01266	BMT-M.31	12 mm Mineral Fiber sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	505
609	MAT01271	BMT-M.36	Supply of Thermocole sheets 12 mm thick	1 Sqm	55
610	MAT01272	BMT-M.37	Supply of Thermocole sheets 19 mm thick	1 Sqm	61
611	MAT01275	BMT-M.40	Calcium Silicate Boards 6mm thick	1 Sqm	291
612	MAT01276	BMT-M.41	Calcium Silicate Boards 8mm thick	1 Sqm	381
613	MAT01277	BMT-M.42	Calcium Silicate Boards 10mm thick	1 Sqm	479

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
614	MAT01278	BMT-M.43	Calcium Silicate Boards 12mm thick	1 Sqm	609
615	MAT01286	BMT-M.51	Supplying and fixing of false ceiling using Plaster of paris Boards **12 mm thick** with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete	1 Sqm	459
616	MAT01287	BMT-M.52	Supplying and fixing of false ceiling using Plaster of paris Boards **10 mm thick** with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete	1 Sqm	385
617	MAT01288	BMT-M.53	Designer ceiling Cement Boards thickness 3.2 mm	1 Sqm	250
618	MAT01289	BMT-M.54	High pressure steam cured Cement Boards 4 mm thick	1 Sqm.	159
619	MAT01290	BMT-M.55	High pressure steam cured Cement Boards 6 mm thick	1 Sqm.	230
620	MAT01291	BMT-M.56	High pressure steam cured Cement Boards 8 mm thick	1 Sqm.	298
621	MAT01292	BMT-M.57	High pressure steam cured Cement Boards 10 mm thick	1 Sqm.	381
622	MAT01293	BMT-M.58	High pressure steam cured Cement Boards 12 mm thick	1 Sqm.	294
623	MAT01294	BMT-M.59	High pressure steam cured Cement Boards 14 mm thick	1 Sqm.	510
624	MAT01295	BMT-M.60	High pressure steam cured Cement Boards 16 mm thick	1 Sqm.	535
625	MAT01296	BMT-M.61	High pressure steam cured Cement Boards 18 mm thick	1 Sqm.	570
626	MAT01297	BMT-M.62	High pressure steam cured Cement Boards 20 mm thick	1 Sqm.	706
627	MAT01298	BMT-M.63	High pressure steam cured designer Cement Boards 4 mm thick	1 Sqm.	204
628	MAT01299	BMT-M.64	High pressure steam cured designer Cement Boards 6 mm thick	1 Sqm.	319
629	MAT01305	BMT-M.70	Supply and fixing of CEMENT BONDED PARTICLE BOARDS (IS 14276) false ceiling using 8MM CEMENT BONDED PARTICLE BOARDS with galvanized	1 Sqm	1129
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			and pre painted steel T section of size 24mm x 38mm x 0.3 mm for main T duty pre punched to accept cross T section of size 24mm x 30mm x 0.3 mm duly punched at both ends for insertion into main T. The grid size will be 610mm x 610mm. The frame work (grid) is suspended to the roof by using G.I flat of 0.60mm or 14gauge G.I wire with necessary fixers to the roof and frame work. CEMENT BONDED PARTICLE BOARDS lay on the grid. The cost inclusive of necessary hardware, labor, one coat of primer (Both side) and two coats of smooth finish on visible side.		
630	MAT01314	BMT-M.79	Providing and fixing false ceiling consisting of 600mmX600mm, Solid PVC insulation panels having wall thickness of 1mm thick plain PVC rigid foam sheet and EPS as defined in of desired thickness depending on insulation required shall be insert in a frame work made using anodized aluminium Tee section of sizes 1"X1" (25X25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2'X2' (600X600mm). The aluminium framework is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm.M.S. rods of required sizes to maintain proper level etc. the aluminium framework is supported on side wall with the use of aluminium 1"X1" (25X25mm) angles, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	1371
631	MAT01315	BMT-M.80	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge **Fissura Fine Model**	1 Sqm	389
632	MAT01316	BMT-M.81	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge **Speckle Model**	1 Sqm	395
633	MAT01317	BMT-M.82	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge **Textura Model**	1 Sqm	425
634	MAT01318	BMT-M.83	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick **Standard Regular Edge**	1 Sqm	499
635	MAT01319	BMT-M.84	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick **Fissura Fine Model**	1 Sqm	573

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
636	MAT01320	BMT-M.85	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick **Speckle Model**	1 Sqm	627
637	MAT01321	BMT-M.86	Mineral Fiber Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick **Textura Model**	1 Sqm	873
638	MAT01322	BMT-M.87	Supply and fixing of **PVC false ceiling** on MS/GI made skeleton framework. The frame shall be 24 X 48mm MS tube section fixed along with the wall. The entire frame work shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm.	1570
639		BMT-M.96	**Absorptive false ceiling** Supply and installation of 12.5mm thick micro perforated gypsum plaster board of 3mm square perforations (minimum 13% of perforated area) backed with 50mm thick 1000 GSM polyester wool Construction of Frame work: Frame work shall consists of GI perimeter channels of size 0.55mm thick (having one flange of 20mm and another flange of 30mm) fixed along with perimeter of the beam or walls with the help of nylon sleeves and screws at 600mm c/c. Then suspend GI main channels of size 45 mm (0.9mm thick with 2 flanges of 15mm each) from the soffit at 1200mm c/c by using soffit angle of size 25mm x 10mm x 0.55mm thick fixed to true ceiling by using suitable fasteners. Cross channels of size 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the main channel with the help of connecting clips and in a direction perpendicular to the main channel at 300mm c/c Cavity Filling: Ceiling frame work shall be back lined by using polyester wool having density of 1000 GSM and 50mm thick Boarding:	1 Sqm.	2470

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			A layer of 12.5mm thickness fiber reinforced micro perforated gypsum plaster board of size 1200 x 2400 mm having perforations of minimum of 13% is fixed on to frame work. Micro perforated gypsum boards used shall have RH 90% and fire rating A2s1, d0 Finishing: Ensure that board is fixed in plumb level, screw fix gypsum plaster board to channel, cover screw with compound and sand the surface. Joints of gypsum plaster board to be finished by using jointing tapes and compound. Final finishing is done with two coats of acrylic emulsion paint.		
640		BMT-M.97	Reflective false ceiling Supply and installation of 12.5mm thick plain gypsum plaster board Construction of Frame work: Frame work shall consists of GI perimeter channels of size 0.55mm thick (having one flange of 20mm and another flange of 30mm) fixed along with perimeter of the beam or walls with the help of nylon sleeves and screws at 600mm c/c. Then suspend GI main channels of size 45 mm (0.9mm thick with 2 flanges of 15mm each) from the soffit at 1200mm c/c by using soffit angle of size 25mm x 10mm x 0.55mm thick fixed to true ceiling by using suitable fasteners. Cross channels of size 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the main channel with the help of connecting clips and in a direction perpendicular to the main channel at 300mm c/c. Boarding: A layer of 12.5mm thickness Plain gypsum plaster board of size 1200 x 2400mm having minimum density 550kg/m3 is fixed on to frame work. Finishing: Ensure board is in plumb level, screw fix gypsum plaster board to channel, cover screw with compound and sand the surface. Joints of gypsum plaster board to be finished by using jointing tapes and compound. Final finishing is done with two coats of acrylic emulsion paint.	1 Sqm	3426

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
		BMT-M.104	Providing supply and fixing of ecofriendly light weight calcium silicate false ceiling system in module size of 600x600mm with Galvanized iron powder coated 24mm T grid system. Eco friendly light weight calcium silicate tiles shall be made of noncementitious hydrated wet molded calcium silicate slurry, reinforced with fibers and natural fillers. Free from formaldehyde and other harmful materials. Does not contain any toxic ingredients. Tiles shall be GRIHA accredited product suitable for green building applications. False ceiling tiles shall have following properties: (a). Surface: All tiles are prime coated on both sides. Standard factory finish in two coats white dispersion type, solvent free paint. (b). Dimensions: 595x595x15mm thick integral densified tegular/butt edged. Size referred to are always module sizes. (c). Thickness: 15mm thick integral densified tegular/butt edges with 26mm wide collar at all around the edge resting portion and 10mm thick at quadrant of the body size of 543x543mm. (d). Density of material: 350 kg/m3 at the quadrant 10mm thick portion and 450 kg/m3 at all around the integral densified edges. (Average density 370 kg/m3 as per ECBC code 2017). (e). Relative Humidity: 100% RH as per ASTM C 473-03. (f). Fire resistance: Noncombustible as per BS 476 part 4, Fire performance as per BS 476 Part 6 for fire propagation & class 1 as per BS 476 part 7 for surface spread of flame. (g). Thermal conductivity: 0.048 W/mK to 0.052 W/m²K as per IS 3346/1980 and as per ECBC code 2017. (h). Recycled content: shall have 4650% recycled content. (i). Acoustic control: Sound Attenuation 30 32dB. Noise reduction coefficient (NRC) as per IS 8225:1987 for semi perforated tile: 0.5 for fully perforated tile: 0.75 (j).Light reflectance:>85%. (k).Weight:55.5kg/m2. False ceiling tiles shall be laid in true horizontal level suspended on inter locking metal T grid hot dipped galvanized iron sections of 0.33mm sheet of thickness galvanized @ 120 grams per sqm including all sides comprising of main T runners of size 24x38mm of length	1 Sqm	1465

			3000mm, cross T of size 24x32mm of length 1200mm and secondary intermediate cross T of size 24x32mm of length 600mm to form grid grid module of size 600x600mm. This grid shall be suspended from ceiling using GI slotted cleats of size 25x35x1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners connected to 4mm GI adjustable rods with galvanized steel level clips of size 85x30x0.8mm spaced 1200mm Centre to Centre fixed to main T runner. Frame also consist of GI perimeter wall angle of size 24x24x0.40mm of length 3000mm to be fixed on periphery wall/partition with the help of plastic rawl plugs at 450mm Centre to Centre and 40mm long dry wall SS screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer incharge.		
		BMT-M.105	Providing, supply and fixing of ecofriendly light weight calcium silicate false ceiling system in module size of 600x600mm with Galvanized iron Silhouette profile black reveal powder coated 15mm T grid system. Eco friendly light weight calcium silicate tiles shall be made of non cementitious hydrated wet molded calcium silicate slurry, reinforced with fibers and natural fillers. Free from formaldehyde and other harmful materials. Does not contain any toxic ingredients. Tiles shall be GRIHA accredited product suitable for green building applications. False ceiling tiles shall have following properties: (a). Surface: All tiles are prime coated on both sides. Standard factory finish in two coats white dispersion type, solvent free paint. (b). Dimensions: 595x595x15mm thick integral densified micro look edged. Size referred to are always module sizes. (c). Thickness: 15mm thick integral densified micro look edges with 26mm wide collar at all around the edge resting portion and 10mm thick at quadrant of the body size of 543x543mm. (d). Density of material: 350 kg/m3 at the quadrant 10mm thick portion and 450 kg/m3 at all around the integral densified edges. (Average density 370 kg/m3 as per ECBC code 2017). (e). Relative Humidity: 100% RH as per ASTM C 473-03. (f). Fire resistance: Noncombustible as per BS 476 part 4, Fire performance as per BS 476 Part 6 for fire propagation & class 1 as per BS 476 part 7 for surface spread of flame. (g). Thermal conductivity: 0.048 W/mK to 0.052 W/m²K as per IS 3346/1980 and as per ECBC code 2017.	1 Sqm	1560

			(h). Recycled content: shall have 46-50% recycled content. (i). Acoustic control: Sound Attenuation 30 - 32dB.Noise reduction coefficient (NRC) as per IS 8225:1987for semi perforated tile: 0.5for fully perforated tile: 0.75. (j). Light reflectance: >85%. (k). Weight: 5 5.5kg/m2. False ceiling tiles shall be laid in true horizontal level suspended on inter locking metal T grid silhouette black reveal profile of hot dipped galvanized iron powder coated sections of 0.40 mm sheet thickness galvanized @ 120 grams per sqm including all sides comprising of main T runners of size 15x42mm of length 3000mm, cross T of size 15x42mm of length 1200mm and secondary intermediate cross T of size 15x42mm of length 600mm to form grid module of size 600x600mm. This grid shall be suspended from ceiling using GI slotted cleats of size 25x35x1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners connected to 4mm GI adjustable rods with galvanized steel level clips of size 85x30x0.8mm spaced 1200mm Centre to Centre fixed to main T runner. Frame also consist of GI perimeter wall angle of size 22x19x0.40 mm of length 3000mm to be fixed on periphery wall/ partition with the help of plastic rawl plugs at 450mm Centre to Centre and 40mm long dry wall SS screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge.		
		BMT-M.106	Providing, supply and fixing of Anti Microbial BioSafe coated ecofriendly light weight calcium silicate false ceiling system in module size of 600x600mm with Galvanized iron powder coated 24mm T grid system.Eco friendly light weight calcium silicate tiles shall be made of non cementitious hydrated wet molded calcium silicate slurry, reinforced with fibers and natural fillers. Free from formaldehyde and other harmful materials. Does not contain any toxic ingredients. Tiles shall be GRIHA accredited product suitable for green building applications. Tiles shall have Anti Microbial BioSafe Coating on front and back sides of tiles and found to be completely protected from Bacteria, Fungi, Yeast, and Mold when exposed to these organisms both room temperature and AC temperature. Tiles should be protected and is free from colony forming units. Anti microbial Bio Safe coated tiles shall have following properties: (a). Surface: All tiles are prime coated on both sides. Standard factory finish in two coats white dispersion type, solvent free paint.	1 Sqm	1836

			(b). Dimensions: 595x595x15mm thick tegular/butt edged. Size referred to are always module sizes. (c). Thickness: 15mm thick integral densified tegular/butt edges with 26mm wide collar at all around the edge resting portion and 10mm thick at quadrant of the body size of 543x543mm. (d). Density of material: 350 kg/m3 at the quadrant 10mm thick portion and 450 kg/m3 at all around the integral densified edges. (Average density 370 kg/m3 as per ECBC code 2017). (e). Relative Humidity: 100% RH as per ASTM C 473-03. (f). Fire resistance: Noncombustible as per BS 476 part 4, Fire performance as per BS 476 Part 6 for fire propagation & class 1 as per BS 476 part 7 for surface spread of flame. (g). Thermal conductivity: 0.048 W/mK to 0.052 W/m²K as per IS 3346/1980 and as per ECBC code 2017. (h). Recycled content: shall have 46-50% recycled content.(i). Sound Attenuation: 30-32dB. (j). Light reflectance: >85%.(k). Weight: 5 5.5kg/m2. (1). Antibacterial activity and efficacy value: shall have morethan 2.0 as per JIS Z2801 (m). Fungal growth: no fungal growth observed with rating as per ASTM G21. False ceiling tiles shall be laid in true horizontal level suspended on inter locking metal T grid of hot dipped galvanized iron sections of 0.33mm sheet thickness galvanized @ 120 grams per sqm including all sides comprising of main T runners of size 24x38mm of length 3000mm, cross T of size 24x32mm of length 1200mm and secondary intermediate cross T of size 24x32mm of length 600mm to form grid module of size 600x600mm. This grid shall be suspended from ceiling using GI slotted cleats of size 25x35x1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners connected to 4mm GI adjustable rods with galvanized steel level clips of size 85x30x0.8mm spaced 1200mm Centre to Centre fixed to main T runner. Frame also consist of GI perimeter wall angle of size 24x24x0.40mm of length 3000mm to be fixed on periphery wall/partition with the help of plastic raw plugs at 450mm Centre to Centre and 40mm long dry wall SS screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-charge.		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference					

shown to any company.					
II.SUB SECTION			**FALSE CEILINGs SECTIONS &ACCESSORIES**		
641	MAT01239	BMT-M.04	G.I. Ceiling Angle 25 mm x 10 mm x 0.55 mm	1 RM	**83**
642	MAT01240	BMT-M.05	G.I. Ceiling Section 51.5 mm x 26 mm x 10.5 mm x 0.55 mm thick	1 RM	**116**
643	MAT01241	BMT-M.06	G.I. Intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	**85**
644	MAT01242	BMT-M.07	G.I. Perimeter Channel 20 mm x 27 mm x 30 mm (web) of 0.55 mm thick	1 RM	**76**
645	MAT01243	BMT-M.08	G.I.Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	**69**
646	MAT01244	BMT-M.09	G.I.Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	**62**
647	MAT01245	BMT-M.10	GI Precoated TSec 24 mm x 38 mm x 0.7 mm thick	1 RM	**67**
648	MAT01246	BMT-M.11	Hot dipped GI Angle Precoated Grid: 19 mm x 19 mm	1 RM	**40**
649	MAT01247	BMT-M.12	Polyester painted GI T Section 24 x 32 mm	1 RM	**58**
650	MAT01248	BMT-M.13	Polyester painted GI T Section 24 x 25 mm	1 RM	**53**
651	MAT01249	BMT-M.14	Polyester painted GI T Section 24 mm x 27 mm	1 RM	**54**
652	MAT01250	BMT-M.15	Aluminium Angle : 24 mm x 24 mm	1 RM	**36**
653	MAT01251	BMT-M.16	Anodised Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	**36**
654	MAT01252	BMT-M.17	Connecting Clips	1 Each	12
655	MAT01253	BMT-M.18	Rawl Plug	1 Each	5
656	MAT01254	BMT-M.19	6 mm Nylon Rawl Plug	1 Each	5
657	MAT01255	BMT-M.20	Soffit Cleats	1 Each	6
658	MAT01256	BMT-M.21	Drywall Screws 25 mm	1 Each	5
659	MAT01257	BMT-M.22	Jointing Compound	1 Kg	35
660	MAT01258	BMT-M.23	Jointing Paper Tape	1 RM	7
661	MAT01259	BMT-M.24	Drywall Top Coat	1 Litre	164
662	MAT01260	BMT-M.25	Universal Holding Clips	1 Each	5
663	MAT01261	BMT-M.26	4 mm Dia GI Connecting Rod	1 RM	16

664	MAT01262	BMT-M.27	2 mm Dia GI Connecting Rod	1 RM	11
	III.SUB SECTION		**WALL PANELLS & WALL LININGS**		
665	MAT01274	BMT-M.39	Providing wooden panelling 12 mm thick one side laminated sheet fixed on wooden frame of BT wood size 50.8 mm x 25.4 mm (2"x1") at distance of 609.6mm (2'0") intervals of both ways providing 3/4" x 1/2" (19.05 mm x 12.7 mm) size BT wood ornamental cover beading and necessary screws, fevicol glue complete for finished item of work.	1 Sqm	1837
666	MAT01267	BMT-M.32	Perforated wall panels channeled wood works sheets of width 128 mm,thickness of 16mm and length 2440 mmmade of a high density particle board substrate with a laminated facing as per the approved shade /Species & Finish and a melamine balancing layer on the reverse side, with a special perforation pattern fluted perforation on the visible surface with a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476 with a“tongueandgrooved” edges and the back of the perforated panel is with sound absorbing nonwoven acoustical fleece	1 Sqm	2918
667	MAT01300	BMT-M.65	Supply and fixing of wall panelling(water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40x10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof `U’ track of size 50 x 30 x 0.6 mm thick dulyfixed with self expansion screws and with 8 mm thick Eboard / 6 mm thick E board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2’0”. The Gap will be covered with a decorative beading. Surface will begiven a smooth finish over a coat of primer. With 8 mm Designer CEMEMT BONDED BOARD	1 Sqm.	1162

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
668	MAT01301	BMT-M.66	**ITEM DELETED**		
669	MAT01306	BMT-M.71	Supply and fixing CEMENT BONDED PARTICLE BOARDS(IS 14276) wall paneling using 10 MM CEMENT BONDED PARTICLE BOARDS with frame work made of GI stud section of size 48mm x 35mm x 0.55mm thick placed at every 610 mm C/C intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. CEMENT BONDED PARTICLE BOARDS is to be fixed to frame by means of self taping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat o primer and two coats of smooth finish and cost & conveyance of all materials, labor charges etc. complete as per the direction of Engineer in charge.	1 Sqm	1527
670	MAT01309	BMT-M.74	Supply and fixing of CEMENT BONDED PRELAMINATED PARTICLE BOARDS wall paneling using 12 MM CEMENT BONDED PRELAMINATED PARTICLE BOARDS with frame work made of G.I stud section of size 48mm x 35mm x 0.55mm thick placed at every 610mm intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. LAM is to be fixed to frame by means of selftaping screws placed at every 300mm intervals leaving 3mm gap between two panels. The cost inclusive of Conveyance of materials, Labor charges etc., complete as per the direction of Engineer in charge	1 Sqm	2111

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
671	MAT01312	BMT-M.77	Providing and fixing INSULATED PVC WALL PANELING shall consist of PVC insulated panels having wall thickness of 1mm /1.5mm/2mm PVC sheet andthe desired thickness of EPS (dependent on the insulation required) screwed into the wall using screws of adequate length. The screws shall beplaced at a distance of 150mm and shallbe 25mm from the edge of the insulated panel on all from sides of the panel. ThePVC strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck using solvent cement adhesive at the places where two panels are joined, so a to cover the screw of both the panels, using solvent cement. 90 heat bent strips of 5mm thick PVC sheets of width 75mm X75mm feathered at the edges shall be stuck at wall joints / pillars etc. ,complete as per direction of Engineer inCharge, manufacture's specification &drawing	1 Sqm	2127
672	MAT01313	BMT-M.78	Providing and fixing plain PVC rigid foam sheet wall panelling of thickness 5mm consisting of panels having size 1220mm X2440mm stuck on inner frame work of 25mm wide strips of 5mm thick PVC rigid foam sheet. The strips should have in their centre a grove of 6mm width and 2mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 405/407mm centre to c entre. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 300mm. a groove of 2mm may be left at the joint of two panels for aesthetic looks. This framework is done for making existing wall surface in ensured level and for sticking the wall panelling sheet (panel) on it. The exact size of the panel and correspondingly of the grid May be varied depending n the size of the wall. However it must be ensured that a strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck at the places where two panels are joined, using solvent cement. , complete as per direction of Engineer-in-Charge,	1 Sqm	2100

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			manufacture's specification & drawing		
673	MAT01323	BMT-M.88	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm. The panels are joined with tongue and groove system. Necessary cutouts for electrical connections to be provided at required places complete, for finished item of work.	1 Sqm.	1571
			Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass Fiber tape complete finish as per specification without painting for finished item of work:		
674	MAT01282	BMT-M.47	A) **using 8mm thick Calcium silicate boards**	1 Sqm	889
675	MAT01283	BMT-M.48	**B) Using 10mm thick Calcium silicate boards**	1 Sqm	955
676	MAT01284	BMT-M.49	C) **Using 12mm thick Calcium silicate boards**	1 Sqm	1076
677	MAT05430	BMT-M.95	Providing and fixing in position wall panelling to all heights with eco friendly light weight calcium silicate panels/tiles Globe Design of size 595mm x 595mm having square/butt edge having NRC(Noise Reduction Coefficient) of 0.5 to 0.75 as per IS 8225:1987, Light reflectance of 85%(minimum), Non Combustible as per BS:476 (part4), fire performance as per BS:476 (part6&7), humidity resistance of 100% and thermal conductivity < 0.043 W/m K as per ASTM 518:1991, comprising of a frame made from especially fabricated galvanised mild steel sheet 0.50 mm thick pressed section (galvanizing @120 grams per sqm including both sides) i.e.vertical studs of size 48 x 34 x 36 mm are placed at 600mm center to center in a floor and ceiling channel section of size 50 x 32m fixed to the floor and soffit at 600mm centers using 12mm dia,50mm long wedge type expanded zinc alloy dash fastner with 10mm bolt. Glasswool of 50mm	1 Sqm	2385

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			thickness is then to be inserted in the slots and finally calcium silicate non combustible panels/tiles are to be screwfixed with self tapping pan head nickel coated mild steel screws of size 13 x 3.2mm on to this grid leaving an even groove of 1 mm between the panels. The joints between the panels are to beduly jointed and finished using recommended jointing calcium silicate based compound & fiber joint tape roll 50mm wide (90 metre)roll and two coats of primer suitable for panelling as per manufacturer's specification as perdirection of Engineer-in-Charge all complete.(With 15 mm thick integral densified fully perforated light weight calcium silicate panels/tiles)		
678		BMT-M.98	**WallAbsorptive wall panelling** Supply and installation of 17mm thick micro perforated wood having 2mm perforation and 8mm pitch backed with polyester wool of density 1000GSM x 50mm thick with Laminared finish Construction of Frame work: Frame work consists of 25mm thick GI wall channels with fully knurled surface of 0.55mm thick 80mm width, having two equal flanges of 26mm. A GI wall channel is fixed to the walls in horizontal direction with the help of suitable fastners at 600mm c/c then another 25mm thick GI wall channel is fixed vertically over the horizontally laid wall channel at 600mm c/c Cavity Filling: The frame work shall be back lined by using polyester wool having a density of 1000 GSM and 50mm thick Boarding: 17mm thick micro perforated wood having 2mm perforation and 8mm pitch is fixed on the frame work. Finishing: Ensure board is in plumb level and screw heads to be covered with compound and sand the surface. The screws are painted with manufacturer supplied paint matching the colour of the board/panel. The finishing of board is of veneer finish.	1 Sqm	5345

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 202627 (Rs.)
1		2	3	4	5
679		BMT-M.99	**WallReflective wall panelling** Supply and installation of 12 mm thick B.W.P ply finished with 1 mm thick laminate on all visible sides backed with 50mm thick 1000 GSM polyester wool insulation Construction of Frame work: Frame work consists of minimum 50mm GI stud with fully knurled surface of 0.55 mm thick, 50mm width and two equal flanges of 34mm is fixed on to the GI support made of required height, First the wall plate is fixed on to the wall using suitable fastners at every 1200mm C/C in both the directions and an MS hollow box section of 40mmx40mm with 5mm thick is welded to the wall plate, this is used to give the support to the MS gride of 600mmx600mm which is placed at a distance of 480mm from the wall. Cavity Filling: The frame work shall be back lined by using polyester fiber having a density of 1000 GSM and 50mm thick held in position by using GI weld mesh Boarding: 12mm thick Laminared plywood (8mm plywood and 1mm laminate) of approved finish is then fixed to GI frame work by using suitable fasteners and ensure proper level of the panel surface. Finishing: Ensure plywood is in plumb level and finish by using laminate of approved shade and colour	1 Sqm	3512
680			Supply and installation of 17mm thick micro perforated wood having 2mm perforation and 8mm pitch backed with polyester wool of density 1000GSM x 50mm thick with Laminated finish Construction of Frame work: Frame work consists of 25mm thick GI wall channels with fully knurled surface of 0.55mm thick 80mm width, having two equal flanges of 26mm. A GI wall channel is fixed to the walls in horizontal direction with the help of suitable fasteners at 600mm c/c then an another 25mm thick GI wall channel is fixed vertically over the horizontally laid wall channel at	1 Sqm	6005

			600mm c/c. Cavity Filling: The frame work shall be back lined by using polyester wool having a density of 1000 GSM and 50mm thick. Boarding; 17mm thick micro perforated wood having 2mm perforation and 8mm pitch is fixed on the frame work. Finishing : Ensure board is in plumb level and screw heads to be covered with compound and sand the surface. The screws are painted with manufacturer supplied paint matching the color of the board/panel. The finishing of board is of veneer finish. Note : 1. Vendors to submit all test certificates (Acoustics and fire),2. Refer drawings for over all depth of the system		
			Supply and installation of 12 mm thick B.W.P ply finished with 1 mm thick laminate on all visible sides backed with 50mm thick 1000 GSM polyester wool insulation. Construction of Frame work : Frame work consists of minimum 50mm GI stud with fully knurled surface of 0.55 mm thick, 50mm width and two equal flanges of 34mm is fixed on to the GI support made of required height, First the wall plate is fixed on to the wall using suitable fasteners at every 1200mm C/C in both the directions and an MS hallow box section of 40mmX40mm with 5mm thick is welded to the wall plate, this is used to give the support to the MS gride of 600mmX600mm which is placed at a distance of 480mm from the wall. Cavity Filling : The frame work shall be back lined by using polyester fiber having a density of 1000 GSM and 50mm thick held in position by using GI weld mesh Boarding : 12mm thick Laminated plywood (8mm plywood and 1mm laminate) of approved finish is then fixed to GI frame work by using suitable fasteners and ensure proper level of the panel surface.Finishing : Ensure plywood is in plumb level and finish by using laminate of approved shade and color	1 Sqm	4202
681		BMT-M.100	Supply and fixing of 50 mm Thick wall panels (sandwich wall panels) with 5 mm thick Cement bonded particle boards Facings and light weight EPS concrete core materials	1 Sqm	1036

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
682		BMT-M.101	Supply and fixing of 75 mm Thick wall panels (sandwich wall panels) with 5 mm thick Cement bonded particle boards Facings and light weight EPS concrete core materials	1 Sqm	1555
683		BMT-M.102	Supply and fixing of PreLaminated Cement Bonded Particle Board (Bison Lam) Conformir 15786 18 Mm Thick	1 Sqm	1261
684		BMT-M.103	Supply & erection of open shelves using cement bond particle board (Bison Panel) confirming to IS 14276 with 20mm thick t for sides & shelves, 8mm back liner with 15 "depth, Each shelf height 12" to 15" with all hardware screws & nails	1 Sqm	2330
		IV	**PARTITIONS**		
685	MAT01273	BMT-M.38	Supply & fixing 75mm thick metal stud partition using 12.5 mm thick Gypboard conforming to IS 20951982 screw fixed to either side to 48 mm studs of 0.55 mm thick with the 50 mm floor andceiling channel 0.55 mm and the joints duly finished with joint compound, papertape and two coats Dry wall top coat as per specification.	1 Sqm	1224
686	MAT01279	BMT-M.44	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mmand the joints duly finished with joining compound, glass Fiber tape and two coats dry wall top coat as per specification finished Item of work **using 8mm thick Calcium silicate boards**	1 Sqm	1405

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687	MAT01280	BMT-M.45	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mmand the joints duly finished with joining compound, glass Fiber tape and two coats dry wall top coat as per specification finished Item of work **Using 10mm thick Calcium silicate boards**	1 Sqm	1527
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026- 27 (Rs.)**
1		**2**	**3**	**4**	**5**
688	MAT01281	BMT-M.46	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joiningcompound, glass Fiber tape and two coats dry wall top coat as per specification finished Item of work Using 12mm thick Calcium silicate boards	1 Sqm	1762
689	MAT01285	BMT-M.50	Supply and Fixing 66mm thick metal stud partition using 2 layers of 12mm thick Calcium silicate boards screw fixed to either side to 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm.The boards joints are to be staggered to avoid through passage. Ceramic wool of 50mm thick, 64kg/m3 density is to be placed in cavity of the partition. The joints duly finished with joining compound, glass Fiber tape and two coats dry wall top coat as per specification with out painting for finished item of work	1 Sqm	4362

691	MAT01302	BMT-M.67	Supply and fixing double skin CEMENT BOARD partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the Eboard of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving 3 mm gap between two panels of width 2'0" (610 mm). The gap will be covered with decorative moulding surface will be given a smooth finish over cement primer. The rate is inclusive of cost and conveyance of all materials and labour charges etc. complete.	1 Sqm.	1975
692	MAT01303	BMT-M.68	Providing and fixing of 50mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick nonasbestos Fiber reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x50x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x50x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 50mm SOLID WALL PANELS, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete	1 sqm	1855
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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
693	MAT01304	BMT-M.69	Providing and fixing of 75mm thick SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick nonasbestos Fiber reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x75x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x75x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 75mm SOLID WALL PANEL panels, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete.	1 Sqm.	2304
694	MAT01307	BMT-M.72	Supply and fixing CEMENT BONDED PARTICLE BOARDS (IS 14276) double skin partition using with 10 MM CEMENT BONDED PARTICLE BOARDS made out of G.I. track section of size 50mmx 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and	1 Sqm	1985

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			caps to the wall and roof. CEMENT BONDED PARTICLE BOARDS is to be fixed both sides of frame work by using self taping screws fixed at every 300mm intervals to the frame work leaving 3 mm gap between two panels. The cost inclusive with one coat of primer and two coats of smooth finish and cost and conveyance of all materials to site, labor charges etc., complete as per the direction of Engineer in charge.		
695	MAT01308	BMT-M.73	Supply and fixing of CEMENT BONDED PRELAMINATED PARTICLE BOARDS double skin partition using with 10 mm CEMENT BONDED PRELAMINATED PARTICLE BOARDS made out of G.I track section of size 50 mm x 35mm x 0.55mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm internals horizontally. The frame is fixed by means of self expansion screws and caps to the wall / roof. LAM is to be fixed both sides of the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The cost inclusive of cost and conveyance of all materials to sites, other materials incidentals and labour charges as per the direction of Engineer in charges.	1 Sqm	3072
696	MAT01310	BMT-M.75	Supply and fixing of CEMENT BONDED PRELAMINATED PARTICLE BOARDS aluminum glazed partitions using 10 MM CEMENT BONDED PRELAMINATED PARTICLE BOARDS and 5 mm thick plain glass to full height. Using with LAM to a height of 0.91 meter at bottom panel and remaining height with glass and aluminum sections anodized to 12 to 15 microns and of sections of size 37mm x 62mm and 1.5mm thickness with one meter centre to centre duly fixed with clip beading on both sides including fixing the frame to pillars by M.S. flats, bolts and nuts including cost and conveyance of all materials etc., complete as directed during execution.	1 Sqm	3730
697	MAT01311	BMT-M.76	Providing and fixing 50mm thick SEMI HEIGHT SOLID PVC PARTITION consisting of 49mm sandwich PVC panel made out of 36mm high density	1 sqm	3940

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			expanded polystyrene sheet(E.P.S. Thermocole) stuck on both side with 2mm thick plain/printed /prelam PVC rigid foam sheets reinforced with frame work made from 35mmX5mm M.S. Angle. In between two M.S. Angles 5mm thick plain/printed/prelam heat moulded PVC 'C' channel of size 50X100mm with feathered edges shall be fixed on the floor & 50X75mm with feathered edges plain/printed /prelam PVC 'C' channel. In between adjoining EPS sandwiched PVC partitions panel 5mm thickX75mm width plain/printed/prelam PVC sheet feathered at edges shall be stuck on front & back face using solvent cement etc. in places where two partitions meet to from an 'L' shape the panels are joined 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'L' section of size 75mmX75mm with feathered edges shall be fixed on front & back side. This is done to maintain the symmetry of design. An additional 5mm thick PVC strip of 40mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive, complete as per direction of Engineer inCharge, manufacture's specification & drawing		
698	MAT01324	BMT-M.89	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement complete, for finished item of work.	Sqm.	2776
			Supply and fixing of partitions made of seccolor prepainted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm,		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should be 23x130mm. The partition should be paneled with 9mm prelaminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diamine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket Centre mullions are to be fixed using mullion cap. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item of work.		
699	MAT01325	BMT-M.90	Fixed Partition: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm.	1 sqm	5617
700	MAT01326	BMT-M.91	Fixed Partition with Door: Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm, section for shutter should be of 46x46mm and section for middle & bottom should be of size 23x130mm.	1 sqm	5781
			DRY WALL PARTITION WITH 50 MM THICK VPANEL		
701	MAT01327	BMT-M.92	CEMENT BONDED PARTICLE PLANK 8 mm Available size150 mm X2440mm and 200mm X 2440mm	1 Sqm	692
702	MAT01328	BMT-M.93	CEMENT BONDED PARTICLE PLANK 10 mm Available size150 mm X2440mm and 200mm X 2440mm	1 Sqm	712
703	MAT01329	BMT-M.94	CEMENT BONDED PARTICLE PLANK 12 mm Available size150 mm X2440mm and 200mm X 2440mm	1 Sqm	984
	New Item	BMT-M.107	Supply, fabrication, and installation of a factory-made modular GPSP partition wall system with integrated door assembly, consisting of 80 mm thick sandwich panels made of 0.8 mm thick GPSP (IS 513 Grade D) galvanized steel skins with 120 GSM zinc coating and 60–80 micron polyester epoxy powder coating, having rigid closed-cell Polyurethane Foam (PUF)		

			insulation core of density 36 ±2 kg/m³, pressure injected for full adhesion, providing thermal resistance of approx. 4.5 m²K/W and acoustic insulation of STC 42–50 dB, with male-female interlocking edge system using aluminum or GI trims for rigid, airtight modular assembly.The integrated door system shall be factory-finished double skin flush GI door with 46 mm thick shutter made of 0.8 mm GPSP sheets with lock-seam edges, honeycomb kraft paper core infill (approx. 16 mm cell, 140 GSM) bonded with A2/IMO compliant adhesive, and internal GI stiffeners for hardware fixing, finished with 60–80 micron powder coating. Door frame shall be 100 mm × 78 mm single rebate closed box-type roll-formed section type fabricated from 1.0 mm thick double skin pass GI sheet, box-formed, PUF filled (32–36 kg/m³), with EPDM gasket provision for sealing, reinforced hinge and hardware stiffeners, and complete provision for fixing anchors and accessories.The door shall include 5 mm thick polycarbonate vision panel (impact resistant and UV stable) fixed with sealed framing system, and all hardware shall be SS 304 grade including hinges, mortise lock/aldrop, handle set, tower bolt, door stopper, and door closer. The complete system shall be factory engineered for modular installation, corrosion resistance, structural stability, and long-life performance suitable for partition-integrated building systems. Poly Carbonate Vision Glass : with vision glass on door shutter with 5mm thick Polycarbonate in standard sizes 200mmX300mm/ 450mmX750mm/ 450mmX450mm / 350mmX 750mm.		
		BMT-M.107.A	Powder Coated GPSP Partition Wall panel Including Powder Coated GPSP Door with Poly Carbonate Vision Glass of above specifications with RAL colour finish	Sqm	8148
		BMT-M.107.B	Powder Coated GPSP Partition Wall panel Including Powder Coated GPSP Door with Poly Carbonate Vision Glass of above specifications with wood grain finish	Sqm	8963
	New Item	BMT-M.108	Supply, fabrication, and installation of a factory-made modular GPSP partition wall system with integrated openable/casement GPSP window assembly**,** consisting of 80 mm thick sandwich panels made of 0.8 mm thick GPSP (IS 513 Grade D) galvanized steel skins with 120 GSM zinc coating and 60–80 micron polyester epoxy powder coating, having rigid closed-cell Polyurethane Foam (PUF) insulation core of density 36 ±2 kg/m³, pressure injected for full adhesion, providing thermal		

			resistance of approx. 4.5 m²K/W and acoustic insulation of STC 42–50 dB, with male-female interlocking edge system using aluminum or GI trims for rigid, airtight modular assembly.The integrated window system shall be factory-finished double skin powder coated GI casement/openable window , comprising single rebate closed box-type roll-formed sections: outer frame 80×65×0.6 mm, mullions 80×65×0.6 mm, and shutter sections 60×25×0.6 mm, all fabricated from galvanized steel (IS 277, 120 GSM zinc coating) with polyester powder coating of 60–80 microns (DFT), assembled using lock-seam joints without welding, ensuring high dimensional accuracy and durability. The frame, mullion, and shutter profiles shall be PUF filled (density 32–36 kg/m³) for rigidity and insulation, with EPDM gasket provisions for airtight and weather-resistant sealing, and proper rebates for glazing.Window shutters shall be fitted with 5 mm thick UV-stabilized solid polycarbonate sheet fixed using EPDM U-gaskets, ensuring impact resistance, transparency, and weather durability. The system shall include 10 mm square MS bright bar grill embedded into frame and mullions without external screws, and all hardware shall be SS 304 grade including D-handles, S-type tower bolts, butt hinges, and window stoppers, with concealed fixing accessories and nylon caps. The complete assembly shall be factory-engineered for modular installation, corrosion resistance, structural stability, weather tightness, and long service life suitable for partition-integrated building systems.		
		BMT-M.108.A	Powder Coated GPSP Partition Wall panel 80 mm thick with openable/casement single rebate Window with 5mm thick Polycarbonate sheet of above specifications with RAL COLOUR FINISH	Sqm	8539
		BMT-M.108.B	Powder Coated GPSP Partition Wall panel 80 mm thick with powder coated GI openable/casement single rebate Window with 5mm thick Polycarbonate sheet of above specification with WOOD GRAIN FINISH	Sqm	9393
		Note: Items BMT-M.33, BMT-M.34, and BMT-M.35 are removed in the section M and are brought as new items in the Section D as BMT-D.18, BMT-D.19 and BMT-D.20.			
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
N.SECTION			**DOORS (Landing cost – including loading,cost of conveyance, unloading)**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
I.SUB SECTION			**DOOR FRAMES**		
704	MAT05431	BMT-N.80	Powder Coated Mild Steel Hallow single rebate door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile size of 105 x 60 mm conforming to IS 4351 2003 including pretreatment, Galvanized as per IS:277, zinc phosphating finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 60 – 65 microns(Dry film thickness)Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 RM	893
705	MAT05432	BMT-N.81	Mild Steel Hallow single rebate general purpose door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profileB of size 105 x 60 mm conforming to IS 4351 2003 including pretreatment, phosphating with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 Rm	494
706	MAT01330	BMT-N.01	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 10 mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauge. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per	1 Rm	453

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			manufacturers specification and direction of Engineer in Charge for finished item of work		
707	MAT01334	BMT-N.05	SINGLE SIDE PRELAM SOLID PANEL PVC DOOR FRAME (CHOUKHAT): Providing and fixing factory made Pac single side Prelam door frame of the size 50X47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid Pac single side prelam sheet, meter cut at two corners and joined with 2nos. of 150mm long brackets of 1515mm MS.Square tube. The two vertical door profiles are to be reinforced with 19X19mm MS. square tube of 19guage. The door frame shall be fixed to the wall using 65/100mm long MS. Screws through the frame by using Pac fasteners. a minimum of 4nos. of screws to be provided for each vertical member and minimum 2nos. for horizontal member etc. complete as per manufacture specification and direction of Engineer-in-Charge.	1 Rm	476
708	MAT01361	BMT-N.32	Supply and fixing of door frame made of hollow extruded PVC section having dimensions of 40 X 57mm with the wall thickness of 2mm +/ 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metricut/ welded. PVC DOOR FRAME	1 RM	276
709	MAT01362	BMT-N.33	Supply and fixing of door frame made of hollow extruded PVC section having dimensions of 40 X 46 mm with the wall thickness of 2mm +/ 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be mitre cut/welded	1 RM	255
710	MAT01363	BMT-N.34	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Single shutter 3'0" x 7'0" (914.4x2133.6mm) outer frame section size of 50 x 60 mm	1RM	310

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
711	MAT01364	BMT-N.35	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section, size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Double shutter 5'0" x 7'0" (1524 x 2133.6mm) outer frame section size of 50 x 60 mm	1 RM	310
712	MAT01365	BMT-N.36	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 3'0" x 7'0" (914.4x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	350
713	MAT01366	BMT-N.37	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 5'0" x 7'0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	350
714	MAT01367	BMT-N.38	Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanised as per IS 277 with zinc of 120 grams / square metre), the factory made section are powder coated with pure polyester powder of 50-60 microns thick with total coated thickness of 1.25 mm, size of door frame section is of 105 x 60 mm with a rebate of 38 mm to accommodate 35 mm thick door shutter, with groove to insert gasket in the frame section, frame section filled with polyurethane foam,	1 RM	956

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			cut to length, and joined by way of welding, each frame provided with: a) 2mm thick MS powder coated butt hinges of 100 mm long – 3 Nos. for single shutter, 6 Nos. for double shutter. b) CRCA electroplates stiffeners of 6 Nos. – 3 in each vertical. c) 40 mm x 200 mm x 1.2 mm hold fasts screwed to stiffeners – 6 Nos. with split end tail. d) Nylon Aldrop Receiver – 1 No. for single shutter frame. e)Tie Rod – 1 No		
715	MAT01368	BMT-N.39	Providing and fixing of door frames factory made, internal door frames without threshold, fabricated from pre painted cold roll formed section 100 mm x 60 mm made of galvanized (base steel as per IS513 'D' quality galvanized as per IS277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm primer coated with epoxy primer of 5-7 microns thick finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns, the frame section filled with polyurethane (PU Foam) of 40 kg/Cu.m and the sections cut to length and mitre joined by means of 1.25 mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25 mm thick electroplated stiffeners of size 150 mm for fixing hold fasts and hinges with MS Powder coated fittings a) 6 Nos M.S. Z Type hold fasts made of 30 mm x 3 mm MS flat of 230 mm long, 3 Nos each size expandable PVC covered screw type fasteners b) 2.5 mm x 300 mm long 'T' hinges /2.5 mm x 50 mm x 50 mm x 100 mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf/leaf) c) 12 mm dia MS tie rod at bottom with necessary size of nuts on either side.	1 RM	624
716	MAT01383	BMT-N.54	Providing & fixing **internal prelaminated PVC door frame** of size 100 x 45 mm with a wall thickness of 5mm, made of extruded 5 mm Prelam PVC foam sheet, mitred cut at two corners and joined with two nos. of 150mm long brackets of 15 x 15 mm MS square tube, two vertical door profiles reinforced with 40 x 20 MS Tube of 19 guage throughout the frame and the door frame fixed to the wall using 65/100mm long MS screws through the	1 RM	773

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			frame by using PVC fasteners with a minimum of 3 nos of screws provided for each vertical member and two nos. for horizontal, etc complete as per drawing and direction of Engineer in Charge		
717	MAT01401	BMT-N.72	PVC Door frame made out of PVC material conforming to IS:10151:1982. The door frame shall be made from extruded PVC Section in overall dimensions of 40mm x 48mm having wall thickness of 1.1mm +/0.3mm with usual process variation corresponding to Sintex code number RUPS 414. The frame shall be Reinforced with special polymeric reinforcement as shown in drawing to take up necessary hardware. The corner joint shall be mitre cut and welded or joined by means of concealed cleats with necessary screws fittings. A tie rod to be provided at bottom. [Laminated Profile]	Per Rmt.	280
718		BMT-N.83	Providing and fixing factory made solid Wood Polymer Composite (WPC) single extruded Door Frame section of size with encapsulation of 8MM rigid layer on all the six surfaces. The door frame will have a rebat of 32MM.		
719	MAT05434	BMT-N.83.A	Door Frame section of 45x75 MM . The two Vertical members are to be joined together with the horizontal member using 8x50 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member.	1 Rm	601
720	MAT05435	BMT-N.83.B	Door Frame section of 45x90 MM . The two Vertical members are to be joined together with the horizontal member using 8x60 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member.	1 Rm	844

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
721	MAT05436	BMT-N.83.C	Door Frame section of 63.5x100 MM .The two Vertical members are to be joined together with the horizontal member using 8x75 MM long MS Star full thread screws to be used with reverse forward speed control hand drilling machine. The ready/assembled door frame is fixed to the wall using hold fast or bolt fasteners. A minimum of 4 No.s of screws to be provided for each vertical member & minimum 2no.s for horizontal member.	1 Rm	1001
722	MAT05433	BMT-N.82	Supply and fixing of factory made **Bathroom door frames** without threshold, fabricated from prepainted cold roll formed section 50mm x 50 mm made of galvanized (base steel as per IS – 513 'D' quality, galvanized as per IS277 with Zinc of 120 Gms/sqm) steel colour coated sections with total coated thickness of 1 mm, primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns and the frame section filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections cut to length and mitre joined by means of 1.25mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25mm thick electroplated stiffeners of size 150mm for fixing hold fasts and hinges together with the following MS Power coated fitting (Supply and fixing) of approved make. (a) 6 Nos M.S. Z. Type hold fasts made of 30mm x 3 mm MS flat of 230mm long, 3 Nos each side expandable PVC covered screw type fasteners. (b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf) (c) 12 mm Dia MS tie rod at bottom with necessary size of nuts on either side.	1 RM	503
			Providing, Supply and fixing factory made single extruded NFC solid door Frames/Chowkhat comprising of virgin PVC polymer of k value 56-60 (suspension or mass grade), calcium carbonate and natural Fibers (wood powder/rice husk / wheat husk) and nontoxic additives (maximum toxicity index of 12 for 100 grams) fabricated with miter joint after applying PVC solvent cement and screwed with full body threaded start headed SS screws		

		BMT-N.102	having minimum density of 750 Kg/CBM, screw withdrawal strength of 2200 N (Face) and 1100 N (edge), minimum compressive strength 40 MPA, modulus of elasticity 900 N/mm2 and resistance to spread of flame as per Class 1/A category with everlasting property of being termite/borer proof, water proof and flame retardant, smoke suppressant, to be fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length. For solid door frames, plus/minus 5mm tolerance in dimensions i.e length, depth and width of profile shall be acceptable. Variation in profile dimensions in higher side shall be accepted but no extra payment on this account shall be made. The Work shall be carried out as per specification & drawings and as per direction of Engineer-In- Charge		
		BMT-N.102.A	For 73mm X 48mm size door frame	1 RM	**775.00**
		BMT-N.102.B	For of 98mm X 48mm size door frame	1 RM	**1032.00**
		BMT-N.102.C	For of 98mm X 58mm size door frame	1 RM	**1293.00**
		BMT-N.102.D	For of 128mm X 58mm size door frame	1 RM	**1616.00**
II.SUB SECTION			**DOOR SHUTTERS WITHOUTFRAMES**		
723	MAT01341	BMT-N.12	Flush door shutters, solid bond wood block board type with **teak ply on both faces.**: 25 mm thick conforming to IS:2202	1 sqm	2260
724	MAT01342	BMT-N.13	Flush door shutters, solid bond wood block board type with **teak ply on both faces**.: 30 mm thick conforming to IS:2202	1 sqm	2342
725	MAT01343	BMT-N.14	Flush door shutters, solid bond wood block board type with **teak ply on both faces**.: 35 mmthick conforming to IS:2202	1 sqm	2517
726	MAT01344	BMT-N.15	Flush door shutters, solid bond wood block board type with **commercial ply on both faces**.: 25 mmthick conforming to IS:2202	1 sqm	1244

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
727	MAT01345	BMT-N.16	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 30 mmthick conforming to IS:2202	1 sqm	1300
728	MAT01346	BMT-N.17	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 35 mmthick conforming to IS:2202	1 sqm	1580
729	MAT01347	BMT-N.18	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 40 mmthick conforming to IS:2202	1 sqm	1775
730	MAT01348	BMT-N.19	Flush door shutters, solid bond wood block board type **with teak veneer on one face and commercial ply on another face (lipping)**: 20 mmthick conforming to IS:2202	1 sqm	1860
731	MAT01349	BMT-N.20	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 25 mmthick conforming to IS:2202	1 sqm	2000
732	MAT01350	BMT-N.21	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 30 mmthick conforming to IS:2202	1 sqm	1920
733	MAT01351	BMT-N.22	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 35 mmthick conforming to IS:2202	1 sqm	2095
734	MAT01352	BMT-N.23	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 40 mmthick conforming to IS:2202	1 sqm	2467
735	MAT01354	BMT-N.25	Supply and fixing **Cement Bonded Particle Board (IS 14276) single door shutter** using with 16MM Cement Bonded Particle Board with allround "U" section of size **12mmx18mmx12mm** made from 0.6 mm thick galvanized, color quoted cold rolled steel profiles with necessary screws fixed at every 304.8 mm intervals. The cost inclusive of MS Nickel coated Aldrops of size 255 mm long 2 Nos., 200 mm long tower bolts 1 No., 125 mm handles 2 Nos. 300 mm long "T" hinge cost and conveyance of all materials at site and applying 1 coat primer, 1 coat of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	2239

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.).)
1		2	3	4	5
736	MAT01355	BMT-N.26	Supply and fixing of **Cement Bonded Particle Board(IS 14276) door shutters** using with 16MM Cement Bonded Particle Board with all round style "U" size of **20mmx18mm x20mm** made from 0.6mm thick galvanized pre painted cold rolled steel profiles with Cement Bonded Particle Board separating two shutter with 30mmx18mmx30mm Stepped lipping with necessary screws fixed at every 1' 0" (304.8mm) intervals. Ms Nickel coated 250 mm long aldrops 2 no's, MS powder coated 250mm long tower bolt 2no's , & 2no's MS powder coated 125 mm long grip handle. Including cost and conveyance of all materials at site and applying one coat of primer, 2 coats of lappum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	2256
737	MAT01408	BMT-N.79	Supply and fixing of **CEMENT BONDED PARTICLE BOARD double door shutter** using 16 MM CEMENT BONDED PARTICLE BOARD LAM with all round "U" section size of 20mm x 18mm x20mm made from 0.6mm thick galvanized prepainted cold ro steel profiles with CEMENT BONDED PARTICLE BOARD LAM separating two shutter with 30mm x lled 20mm x 30mm stepped lipping with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long aldrops 2no's, MS powder coated 125mm long grip handle, 2 no's M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labor charges etc., complete finished item of work.	1 Sqm	3250
738	MAT01359	BMT-N.30	Supply and fixing of **CEMENT BONDED PRELAMINATED PARTICLE BOARDS door shutter** made out of U sections of size 12x14x12 made from 0.6mm thick pps sections with 12MM **CEMENT BONDED PRELAMINATED PARTICLE BOARDS** with necessary screws fixed at every 1'.0"interwells. The hardware consists of 250mm long aldrop – 2 Nos.150mm Handle 1 No , 150 mm long ms powder coated tower bolt 1 no. nickle coated. The cost is inclusive of all incidentals, labor transportation charges.	1 Sqm	2672

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
739	MAT01392	BMT-N.63	Supply and fixing of **BOARD (conforming toIS 14862) door shutter** with allround style “U” lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick **VBOARD** with necessary screws fixed at 1’0” interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1607
740	MAT01356	BMT-N.27	Supply and fixing of **Cement Bonded Particle Board (IS 14276) LAM double door shutter** using 16 MM CEMENT BONDED PRELAMINATED PARTICLE BOARDS with all round “U” section size of 20mm x 18mm x 20mm made from 0.6mm thick galvanized prepainted cold rolled steel profiles with Cement Bonded Particle Board (IS 14276) LAM separating two shutter with 30mm x 20mm x 30mm stepped lipping with necessary screws fixed at every 1’0” (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long a drops 2no’s, MS powder coated 125mm long grip handle, 2 no’s M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	2239
741	MAT01376	BMT-N.47	Molded panel solid core flush doors using water-resistant hardwood Fiber HDF / MDF Fiber boards skins of 2.5 mm thick doors 30 mm thick	1 Sqm	1867
742	MAT01377	BMT-N.48	Moulded panel solid core flush doors using waterresistant hardwood Fiber HDF / MDF Fiber boards skins of 2.5 mm thick doors 35 mm thick	1 Sqm	2068

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
743	MAT01378	BMT-N.49	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors 30 mm thick	1 Sqm	1538
744	MAT01379	BMT-N.50	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors 35 mm thick	1 Sqm	1650
745	MAT01335	BMT-N.06	Providing and fixing **35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER** consisting of sold core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer inCharge, manufacture specification and drawing	1 sqm	3255
746	MAT01360	BMT-N.31	Supply and fixing of **door shutters made of rigid PVC extruded hollow section** of 20mm X 200 mm with the wall thickness of 1.0mm +/ 0.1mm equally divided into 4 no's with tongue and groove locking arrangements. **The shutter frame** is made of 30mm X 79mm with the wall thickness of 1.5mm +/0.15mm section mitrecut and joined at 4 corners with 125mm X 225mm plastic brackets. The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed onto the door shutter.	Sqm.	1980

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
747	MAT01381	BMT-N.52	Supply & Fixing **SOLID STEEL DOOR door shutter** made out of G I Precoated Sheet with an average wall thickness of 0.35 mm on both sides. MS Tube having dimensions of 19 x 19 mm is inserted along the hinge side of the door, core of the door shutter filled with High Density Polyurethane foam injected with the help of hydraulic injection method, four sides of the door covered with G I Precoated Sheet and the hardware locations reinforced with suitable wooden blocks as per drawing and stickers indicating location of the hardware pasted at appropriate places, etc complete	1 Sqm	1904
748	MAT01393	BMT-N.64	Supply and fixing of **BOARD (conforming tolS 14862) 12 mm thick door shutter of size 6'0" x 2'6"** withall round style "U" lipping size 15 x 14 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with necessary screws fixed at 1'0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	1574
749	MAT01397	BMT-N.68	Providing of **35mm thick Facotry made Prelaminated ABS (Acrolynitrile Butadyne Styrene) Door shutter moulded** in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides.for each shutter and ISI make S.S round lock complete for finished item of work	1 Sqm	7350
III.SUB SECTION			**DOORS WITH SHUTTERS & FRAMES**		
750	MAT01331	BMT-N.02	Providing and fixing **30mm thick Solid panel PVC door shutter consisting of frame** made out of M.S. tubes of 19	1 Sqm	2290

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail &bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. Complete as per direction of Engineer-in-Charge, manufacturer's specification & drawing for finished item of work .		
751	MAT01332	BMT-N.03	Providing and fixing **30mm thick BRAND FACTORY MADE BOTHSIDE PRELAM SOLID PANEL PVC DOOR SHUTTER consisting of frame** made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded Prelam Pac 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 450 angle on either side forming stiles; and 5mm thick, 95mm wide Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered in 450 on the inner side to form top and bottom rail 115mm wide Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rail shall be provided either side of the panel. 10mm (5mmX2) thick, 20mmwide cross Pac sheet shall be provided as gap insert for top and bottom rail. Panelling of 5mm thick both side Prelam Pac sheet to be fitted in the MS. Frame welded/ sealed to the stiles	1 sqm	3190

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			& rails with 7mm(5mm+2mm) thick X 15mm wide Pac sheet beading on inner side, and joined together with solvent cement adhesive etc. an additional 5mm thick Pac strip of 20mm width is to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive etc. complete as per direction of Engineer – incharge, manufacture specification and drawing.		
752	MAT01333	BMT-N.04	Providing and fixing **30mm thick BRAND FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame** made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, and 15mmX15mm for top and bottom rails. The MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded single side Prelam Pac 'C' channel of size 30mmX50mm to form stiles.5mm thick& 75mm wide single side prelim Pac sheets shall be for the top, bottom and lock rails. Panelling of 5mm thick one side Pac sheet to be fitted in the MS. Frame and sealed to the front (prelam side) stiles and rails (which should have a 5mm 45 bent portion as beading) and attached to the back(white/ivory) stiles and rails which should have a 10mm 900 bent portion as beading) using 2nos. 15mm wide X 5mm thick Pac sheet beading inside the 90 bent beading. All stiles, rails and beadings are to be joined to the panel using solvent cement etc. an additional 5mm thick Pac strip of 20mm width to be stuck on the interior side of the 'C" channel using Pac solvent cement adhesive and 10mm(5mmX2) thick, 20mm wide cross Pac sheet to be fitted as gap insert for top and bottom rail etc. complete as per direction of Engineer – inCharge, manufacture specification and drawing.	1 sqm	2364
753	MAT01336	BMT-N.07	MOULDED PVC DOOR WOOD FREE Providing and fixing 30mm thick Brand factory made Moulded door shutter wood free consisting of frame made out of MS. tubes 19gauge thickness and size of 25mmX25mm for stiles, top and bottom rails. MS. Frame shall have a	1 sqm	2830

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			coat of steel primers. The inner panel shall consist of 25mm thick High density EPS conforming to IS 4671-1984 bounded with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different plain and / or prelam colours after routing to the moulded design on one side and 2mm plain and / or prelam Pac sheet on other side of the EPS. The edge of panel to be sealed with lipping of 10mm wide PVC sheet bottom (made by sticking 2 rigid foam sheet of 5mm thickness using Pac solvent cement) and stiles sides 25mm(5mmX5) thick and 30mm width Pac sheet fitted along Ms. Tube for lock provision for lock height 5mm thick Pac sheet of size 150mmX100mm fixed with upper and lower face of inner side of EPS Panel etc. Complete as per direction of Engineer – inCharge, manufacture specification and drawing		
754	MAT01337	BMT-N.08	Providing and fixing 30mm thick BRAND FACTORY MADE WIRE MESH SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mmX19mm for stiles and 15mm for top, lock & bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. 19mmX19mm M.S. square tubes shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15mm shall be flat and 15mm shall be bent in 900 on the inner side to from top and bottom rail land 130mm wide PVC sheet out of which 100mm shall be flat and 154mm shall be bent in 900 on both side to from lock rail, 10mm(5mmX2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panel will be of G.I.wire mesh of 24gauge to be fitted in by 'C' channel of size 35mm X10mm on the either side in the stiles. The inner side 'C' channel is fixed by 19mmX19mm MS. Tube on both sides with screws. The wire mesh in top bottom & lock rail is sealed with15mm X 15mm tube with G.I.wire 10mm(5mmX2) thick PVC strip of 25mm width is to be stuck& nails on	1 sqm	2323

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			both side of G.I. wire mesh interior at the top, bottom & lock rail. An additional 5mm thick PVC srip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer-in-Charge, manufacturer's specification & drawings		
755	MAT01394	BMT-N.65	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. BOARD (IS 14862) shutter with allround style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick Vboard with necessary screws fixed at every 1'0" interval 250 mm long aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm	2196
756	MAT01357	BMT-N.28	Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Gms/sqm) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m3. Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter "Single Leaf" with all round styles "U" section of size 12m x 18m x 12mm made from 0.6 mm thick galvanized, colour coated cold rolled steel profiles with 16mm thick Cement Bonded particle Board with necessary screws fixed at every 1'0" (304.8mm) intervals. The cost inclusive of MS nickel coated Aldrop of size 250mm long 2nos. 200mm long tower bolt 1no., 125mm handles 2nos., cost and conveyance of all materials at site and applying one coat primer , one coat of luppum and two coats of synthetic enamel paint as per approved design	1 Sqm	4900

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			for finished item of work		
-		-	**DOORS FRAMES (COLOUR COATED STEEL SECTIONS) & SHUTTER USING CEMENT BONDED PARTICLE BOARD AS PER IS 14276:**	-	
757 TO 760		BMT-N.40 to BMT-N.43	**ITEM DELETED**		
761	MAT01373	BMT-N.44	Supplying and fixing **door shutter, with shutter frame and infill panel made from PVC material c**onforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200 mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric " L" type corners to take hardware & fixtures fixed with 10 20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.	1 Sqm	1168
762	MAT01374	BMT-N.45	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM)coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, infill of honeycomb kraft paper used to give the required	1 Sqm	11020

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			rigidity and effective acoustic insulation with 6" Tower bolt – 1 No., 6" D handles – 2 Nos., 10" Aldrop – 1 No., Butt Hinges – 3 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Single leaf Door		
764	MAT01375	BMT-N.46	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM). coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, infill of honeycomb kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt – 2 Nos., 6" D handles – 2 Nos., 10" Aldrop – 1 No., Butt Hinges – 6 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Double leaf Door	1 Sqm	**11500**
765	MAT01380	BMT-N.51	Providing & fixing **30 mm thick solid panel PVC door shutter consisting of frame** made out of 19 guage M.S tube of 19 x 19 mm for stiles, top & bottom rail, with a coat of primer of approved make. M.S. Frame covered with 5 mm thick heat moulded PVC "C" channel of size of 30 x 50 mm forming stiles, 5 mm thick 75 mm wide PVC sheet for top, lock & bottom rail on either side 20 mm wide cross PVC sheet as gap insert for top & bottom rail, panelling of 10mm(+/-)(5mm+5mm)" thick PVC sheet fitted in the M.S. frame welded /sealed to the stiles, on either side joined together with solvent cement adhesive etc., additional 5 mm thick	1 Sqm	3439

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			PVC strip of 20 mm width stuck on the interior side of the C channel using solvent cement, complete as per direction of Engineer–in–charge, manufacturers specification.		
		BMT-N.98	Supply of factory made of Double Skin Pass Galvanized Powder Coated Single Rebate Doorframe and single shutter/Double shutter for General applications made of Double Skin Pass Galvanized Sheet confirming to Base Steel as per IS 513 of 'D' Quality Galvanized as per IS 277 with Zinc coating of 120 GSM , Pure polyester Powder Coated Paint of 60-65Microns(DFT)Thick. Frame: Single rebate Door Frame of size 100 mm X 78 mm with 1.00 mm thick Double Skin Pass Galvanized sheet Roll formed into Closed Box Profile with Suitable lockseam joints and proper stitching procedures having a Design Architrave of 20 mm width and Accommodate a 46 mm thick Door shutter and the sections cut to length , Miter joined with corner bracket and EPDM Gaskets using self expanding Screws . The Door frames are filled with an infill material of Polyurethane foam (PUF) of Density 32 to 36 kg / m3. Groove in Door Frame shall be provided to hold EPDM Gasket so that the Door shutters shall rest on the EPDM Gasket when the Door shutters are closed. EPDM gasket makes the Door weather resistant. The door frame shall be provided with hinge jamb, lock jamb, head jamb and with Suitable Anchors per frame. Door frame Stiffeners for Hinge: Stiffener of Skin pass Galvanized Sheet of 3 mm thick shall be welded to the pressed angle from inner side of the Door Frame and shutter using projection welding / Fixing with Screws from Gasket groove. Stiffener plate shall be threaded to the required size of machine screw (M6 × 20 CSK) conforming to IS 1365, 2.2/1.8 mm joggling depth on a 3 mm hinge plate. Door Frame Stiffener of pressed 'C' channels and Skin pass Galvanized steel Sheet of thickness 1.60 mm and of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) sheet of required width and	1 Sqm	10360

			height as per the iron mongery, shall be provided inside the Door frame at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc, (Stiffeners only) Shutter : The Single Door Shutter shall be made of 0.8 mm thick Double Skin pass Galvanized Sheet formed and shall be of 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, top and bottom edge skins bent inwards in U shape filled with in fill of Honeycomb Kraft Paper and coated with Pure polyester powder coating of thickness 60 – 65 microns, providing high levels of scratch resistance and durability, as per IS 4351 (2003),and IS 13871. Honey comb kraft paper : Infill of Door shutter shall be with honey comb kraft paper of 16 mm cell size, 140 gsm,Core thickness of 44.5 mm, Humidity of 6 to 10 percent and compression strength 150/200 kpa at 23℃ and 130 ℃ respectively. The product shall conform to EMPHA and ISO standards. The skin panels of the door and Honeycomb Kraft Paper shall be bonded with GLUE. The glue shall comply with A2/IMO standards. Door shutter Stiffeners : Stiffener of pressed 'C' channels and Skin pass Galvanized steel Sheet of thickness 1.60 mm of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) rectangular box cross sectional stiffener between the two skins of the door shutter (to the full inner thickness of the door shutter) of required width and height as per the iron mongery, shall be provided inside the shutter at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc,. (stiffners only) The slots and holes shall be pierced into the Door Frame and shutter and necessary fixing arrangements shall be provided. Hardware and Accessories : 10" 'D'Handle – 1 Pair., Ball Bearing Butt Hinges – 3 No's, Mortise Lock / 10" Aldrop – 1 No., 6" Tower Bolt – 1 No., All Hardware and Screws Should be Stainless Steel 304 Grade.		

			The unit cost includes loading, cost of conveyance, unloading		
		BMT-N.99	Supply of factory made of Double Skin Pass Galvanized Powder Coated Single Rebate Door frame and Single shutter/Double shutter for Scientific applications made of Double Skin Pass Galvanized Sheet confirming to Base Steel as per IS 513 of 'D' Quality Galvanized as per IS 277 with Zinc coating of 120 GSM , Pure polyester Powder Coated Paint of 60-65 Microns (DFT) Thick. Frame : Single rebate Door Frame of size 100 mm X 78 mm with 1.00 mm thick Double Skin Pass Galvanized sheet Roll formed into Closed Box Profile with Suitable lockseam joints and proper stitching procedures having a Design Architrave of 20 mm width and accommodate a 46 mm thick Door shutter and the sections cut to length , Miter joined with corner bracket and EPDM Gaskets using selfexpanding Screws . The Door frames are filled with an infill material of Polyurethane foam (PUF) of Density 32 to 36 kg / m3. Groove in Door Frame shall be provided to hold EPDM Gasket so that the Door shutters shall rest on the EPDM Gasket when the Door shutters are closed. EPDM gasket makes the Door weather resistant. The door frame shall be provided with hinge jamb, lock jamb, head jamb and with SuitableAnchors per frame. . Door frame Stiffeners for Hinge: Stiffener of Skin pass Galvanized Sheet of 3 mm thick shall be welded to the pressed angle from inner side of the Door Frame and shutter using projection welding / Fixing with Screws from Gasket groove. Stiffener plate shall be threaded to the required size of machine screw (M6 × 20 CSK) conforming to IS 1365, 2.2/1.8 mm joggling depth on a 3 mm hinge plate. Door Frame Stiffener of pressed 'C' channels and Skin pass Galvanized steel Sheet of thickness 1.60 mm and of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) sheet of required width and height as per the iron monger, shall be provided	1 Sqm	10370

			inside the Door frame at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc, (Stiffeners only) Shutter : The Single Door Shutter shall be made of 0.8 mm thick Double Skin pass Galvanized Sheet formed and shall be of 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, top and bottom edge skins bent inwards in U shape filled with in fill of Honeycomb Kraft Paper and coated with Pure polyester powder coating of thickness 60 – 65 microns, providing high levels of scratch resistance and durability, as per IS 4351 (2003), and IS 13871. Honey comb kraft paper : Infill of Door shutter shall be with honey comb kraft paper of 16 mm cell size, 140 gsm,Core thickness of 44.5 mm, Humidity of 6 to 10 percent and compression strength 150/200 kpa at 23℃ and 130 ℃ respectively. The product shall conform to EMPHA and ISO standards. The skin panels of the door and Honeycomb Kraft Paper shall be bonded with GLUE. The glue shall comply with A2/IMO standards. Door shutter Stiffeners : Stiffener of pressed 'C' channels and Skin pass Galvanized steel Sheet of thickness 1.60 mm of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) rectangular box cross sectional stiffener between the two skins of the door shutter (to the full inner thickness of the door shutter) of required width and height as per the iron mongery, shall be provided inside the shutter at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc,. (stiffners only) The slots and holes shall be pierced into the Door Frame and shutter and necessary fixing arrangements shall be provided. Hardware and Accessories : 10" 'D'Handle – 1 Pair., Ball Bearing Butt Hinges – 3 No's, Mortise Lock / 10" Aldrop – 1 No., 6" Tower Bolt – 1 No., All Hardware and Screws Should be Stainless Steel 304 Grade		

			Vision Glass : with vision glass on door shutter with Double Glazed 6mm thick clear float glass or clear toughned glass in standard sizes 200mmX300mm/ 450mmX750mm/ 450mmX450mm / 350mmX 750mm or circular size of 450mm Dia The unit cost includes loading, cost of conveyance, unloading		
		BMT-N.100	Supply of factory made of Double Skin Pass Galvanized Powder Coated Single Rebate Door frame for general applications made of Double Skin Pass Galvanized Sheet confirming to Base Steel as per IS 513 of 'D' Quality Galvanized as per IS 277 with Zinc coating of 120 GSM , Pure polyester Powder Coated Paint of 6065 Microns (DFT) Thick. Frame: Single rebate Door Frame of size 100 mm X 78 mm with 1.00 mm thick Double Skin Pass Galvanized sheet Roll formed into Closed Box Profile with Suitable lockseam joints and proper stitching procedures having a Design Architrave of 20 mm width and accommodate a 46 mm thick Door shutter and the sections cut to length , Miter joined with corner bracket and EPDM Gaskets using selfexpanding Screws . The Door frames are filled with an infill material of Polyurethane foam (PUF) of Density 32 to 36 kg / m3. Groove in Door Frame shall be provided to hold EPDM Gasket so that the Door shutters shall rest on the EPDM Gasket when the Door shutters are closed. EPDM gasket makes the Door weather resistant. The door frame shall be provided with hinge jamb, lock jamb, head jamb and with Suitable Anchors per frame. Door frame Stiffeners for Hinge: Stiffener of Skin pass Galvanized Sheet of 3 mm thick shall be welded to the pressed angle from inner side of the Door Frame and shutter using projection welding / Fixing with Screws from Gasket groove. Stiffener plate shall be threaded to the required size of machine screw (M6 × 20 CSK) conforming to IS 1365, 2.2/1.8 mm joggling depth on a 3 mm hinge plate. Stiffeners for fittings and fixtures: Stiffener of pressed 'C' channels and Skin pass Galvanized steel Sheet of thickness 1.60 mm	1RM	1011

			and of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) sheet of required width and height as per the iron mongery, shall be provided inside the Door frame at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc, (Stiffeners only). The slots and holes shall be pierced into the door Frame and necessary fixing arrangements shall be provided. Hardware and Accessories: Ball Bearing But Hinges – 3 No's, All Hardware and Screws Should be Stainless Steel 304 Grade. The unit cost includes loading, cost of conveyance, unloading		
		BMT-N.101	Supply of Factory made of Single Rebate Stainless Steel Door frame and Single shutter/ Double Shutter for Scientific applications made of Stainless Steel Grade 304 of Hairline Finish Frame : Single rebate Door Frame of size 100 mm X 78 mm with 1 mm thick Stainless Steel Grade 304 sheet Roll formed into Closed Box Profile with Suitable lockseam joints and proper stitching procedures having a Design Architrave of 20 mm width and accommodate a 46 mm thick Door shutter and the sections cut to length , Mitre joined with corner bracket and EPDM Gaskets using selfexpanding Screws . The Door frames are filled with an infill material of Polyurethane foam (PUF) of Density 32 to 36 kg / m3. Groove in Door Frame shall be provided to hold EPDM Gasket so that the Door shutters shall rest on the EPDM Gasket when the Door shutters are closed. EPDM gasket makes the Door weather resistant. The door frame shall be provided with hinge jamb, lock jamb, head jamb and with Suitable Anchors per frame. .	1 Sqm	17825

			Door frame Stiffeners for Hinge: Stiffener of Stainless Steel Grade 304 sheet of 3 mm thick shall be welded to the pressed angle from inner side of the Door Frame and shutter using projection welding / Fixing withScrews from Gasket groove. Stiffener plate shall be threaded to the required size of machine screw (M6 × 20 CSK) conforming to IS 1365, 2.2/1.8 mm joggling depth on a 3 mm hinge plate. Door Frame Stiffener of pressed 'C' channels and Stainless Steel Grade 304 sheet of thickness 1.60 mm and of sufficient width and length or 1.2 mm thick (Skin pass Galvanized steel Sheet) sheet of required width and height as per the iron mongery, shall be provided inside the Door frame at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc, (Stiffeners only) Shutter : The Single Door Shutter shall be made of 0.8 mm thick Stainless Steel Grade 304 Sheet formed and shall be of 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, filled with infill of Honeycomb Kraft Paper. Honey comb kraft paper : Infill of Door shutter shall be with honey comb kraft paper of 16 mm cell size, 140 gsm, Core thickness of 44.5 mm, Humidity of 6 to 10 percent and compression strength 150/200 kpa at 23℃ and 130 ℃ respectively. The product shall conform to EMPHA and ISO standards. The skin panels of the door and Honeycomb Kraft Paper shall be bonded with GLUE. The glue shall comply with A2/IMO standards. Door shutter Stiffeners : Stiffener of pressed 'C' channels and Skin pass Stainless Steel Grade 304 Sheet of thickness 1.60 mm of sufficient width and length or 1.2 mm thick rectangular box cross sectional stiffener between the two skins of the door shutter (to the full inner thickness of the		

			door shutter) of required width and height as per the iron mongery, shall be provided inside the shutter at suitable places to fix fittings and fixtures, such as aldrop, tower bolt, sliding bolt, door stopper, door closer, etc,. (stiffners only) The slots and holes shall be pierced into the Door Frame and shutter and necessary fixing arrangements shall be provided. Hardware and Accessories : 10" 'D'Handle – 1 Pair., Ball Bearing Butt Hinges – 3 No's, Mortise Lock / 10" Aldrop – 1 No., 6" Tower Bolt – 1 No., All Hardware and Screws Should be Stainless Steel 304 Grade Vision Glass : with vision glass on door shutter with Double Glazed 6mm thick clear float glass or clear toughned glass in standard sizes 200mmX300mm/ 450mmX750mm/ 450mmX450mm / 350mmX 750mm or circular size of 450mm Dia The unit cost includes loading, cost of conveyance, unloading		
766	MAT01382	BMT-N.53	Supplying & fixing **SINGLE PANEL 30 mm thick PVC DOOR, door shutters with shutter frame** and Infill panel made from PVC material, the shutter frame made out of PVC extruded sections having overall dimensions of 6 0mm x 30 mm with wall thickness of 1.3 mm ± 0.3 mm, with the Infill panel made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm x 20 mm having wall thickness 1 mm ± 0.2 mm with the shutter frame meter cut and joined at corners and all the hardware locations reinforced with special polymeric bars as per drawing including providing special PVC braket on hinge side, etc complete	1 Sqm	2931
<u>In short:</u> The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

767	MAT01384	BMT-N.55	Supply & Fixing of **Powder Coated Mild Steel doors, frames & shutters** made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 “D” Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 6065 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to single rebate profile of ize 100 mm X 58 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, cleanroom applications	1 Sqm	10100
768	MAT01385	BMT-N.56	Supply & Fixing of **Stainless steel doors, frames & shutters** made of stainless steel grade 304 of hairline finish, frame with 1.2mm thick formed to single rebate profile of ize 100 mm X 58 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, cleanroom applications.	1 Sqm	17400

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
769	MAT01386	BMT-N.57	Supply & Fixing of **Powder Coated Fire Rated doors, frames & shutters** made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 6065 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	14595

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
770	MAT01387	BMT-N.58	Supply & Fixing of **Powder Coated Fire Rated doors, frames & shutters** made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 6065 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	13806
771	MAT01388	BMT-N.59	Supply & Fixing of **Stainless steel Fire Rated doors, frames & shutters** made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder	1 Sqm	22500

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992		
772	MAT01389	BMT-N.60	Supply & Fixing of **Stainless steel Fire Rated doors, frames & shutters** made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of ize 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with infill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with infill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	20150

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
773	MAT01390	BMT-N.61	Supply & Fixing of **Lead Lined Clean room doors frames and shutters** made of Skin pass galvanized Iron sheet (Conform to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr).with powder coating of thickness 6065 Microns, frame of 1.60mm thick galvanized steel sheet (Conform to IS 277) formed to Single/double rebate profile of size 100mm X 58mm/ 143x58mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick Galvanized Steel Sheet (Conform to IS 277) formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the lead sheets extend the full width and height of the door, Lead thickness is equal to the shielding in the adjacent wall, the door frames and door shutters are coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns, coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, hardware with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item	1 Sqm	17088
774	MAT01391	BMT-N.62	Supply & Fixing of **Lead Lined Stainless steel Clean room door frames and shutters** made of Stainless steel grade of 304 hairline finish, frame with 1.60mm (16SWG) thick hairline finish Stainless steel grade of 304 formed to Single/double rebate profile of size 100 mm x 58mm/ 143 x 58 mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick hairline finish Stainless steel grade of	1 Sqm	26150

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			304 formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level. The lead sheets extend the full width and height of the door. Lead thickness is to be equal to the shielding in the adjacent wall. Hardware can be provided with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for fisnihed item of work		
775	MAT01395	BMT-N.66	**ITEM DELETED**		
776	MAT01396	BMT-N.67	A) Specification for Foamed PVC Door Frame & ABS Shutters: Providing of Factory made prelaminated FPVC (Foamed Polyvinyl Chloride) Door frame of the size 105x40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 50mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 no's to be provided for each vertical member,GI stiffners of ("U" chanel of size 29x9x1mm, 150mm long) 3 no's at hinge point,Frame reinforcement of("U" GI chanel of size 46x22x.06mm),Bottom tie rod of ("U" GI chanel size of 15x15x1mm) etc. complete as per manufacturers specification for finished item of work. **Maximum door frame size : 980 x 2070** . B) Providing of 35mm thick Facotry made Prelaminated ABS (Acrolynitrile Butadyne Styrene) Door shutter moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20x32mm, reinforced by 32x 32mm 2 nos. for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honey comb board, sandwiched on both sides with prelaminated ABS sheet thickness of 1.5mm . PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges 3 Nos. for each shutter and ISI make S.S round lock completes for finished item of work. Maximum shutter size of : 910 x 2030 mm	Each	16013

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
777	MAT01398	BMT-N.69	Supply and fixing of Bath room / Toilet door shutter with 16mm **laminated** (IS 14276) door shutter with allround 'U' lipping of PPS section of size 12mm X 18mmX 12mmX0.6mm thickness with a hardware of 12mm dia X200mm long aluminum aldrop – 2 nos(ISI make)2 No of 125mm long handles(ISI make) and also 3 no Of IS304 grade Patee Hinges 3mmX12mmX180mm long with pole receiver of 10mm dia pole X40mm long welded on 2mm X40mm(ss304) plates works as receiver for RT patte hinges. The price inclusive of all material at site	1 Sqm	2877
778	MAT01399	BMT-N.70	Supply and fixing of toilet door shutter with frame made of M.S. door frame of 5mmX48mmX48mm (L angel) as all round frame the frame is coated with one coat of red oxide and two coats of enamel of approved color. For shutter and the shutter is made with 16mm laminatedshutter with allround 'U' Lipping of PPS section of 12mmX18mmX12mmX0.60mm, along hardware of 200m long and 12mm dia aluminum aldrop(ISI make)2 Nos, 2Nos of 125m m handle, 3 Nos of RT patte hinges IS 304gr SS 2mmX12mmX180mm long with a pole receiver of 10mmDia X 40mm by welded on 3mmX40mm SS 304, plate it works as receiver for RT Patee hinges it is welded to M.S. angle . M.S. angle will be fixed to wall of self expandable screws and caps.	1 Sqm	4460
779	MAT01402	BMT-N.73	Door shutter with shutter frame and Infill panel made from PVC material conforming to IS: 10151:1982. The shutter frame is made out of PVC extruded sections having overall dimensions of 100mm X 30mm, with two self extruded grooves at 40mm & 50mm on front surface. The Infill panel is made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm X 20 mm. The shutter frame shall be meter cut and joined at corners by means of plastic brackets. Stickers showing locations of different hardware will be pasted on the shutter. ALL Dimensions are in MM.	Sqm.	1168

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
780	MAT01403	BMT-N.74	The shutter frame made out of PVC extruede section having overall dimensions of 59mm x 24mm with wall thickness of 1.0mm +/0.3mm with usual process variation corresponding to the Sintex Code No.DWUF302. The shutter frame is given tampered shape to provide better grip to the infill panel and to drain out the water.The infill panel is made out of seamless one piece multi chambered PVC extruded section having overall dimension of 610mm x 20mm with wall thickness of 1mm +/0.2mm with usual process variation corresponding to the Sintex code No.SPUF128. The shutter frame shall be mitre cut and joined at the corner polymeric "L' Type corners shall be provided at the corners to take up hardwares & fixtures and shall be fixed with 19 x 8mm counter sunkfully threaded parallel shank steel screws. All the hardware locations shall be reinforced with special polymeric Bars.	1 Sqm	2250
781to 784		BMT-N.75 to BMT-N.78	**ITEMs DELETED**		
785	MAT01338	BMT-N.09	Providing and fixing PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer – in – charge, manufacturers specification and drawing 1 mm thick	1 sqm	389
786	MAT01339	BMT-N.10	Providing and fixing PVC door cladding to the flush doors shutters . For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer – in – charge, manufacturers specification and drawing 1.5 mm thick	1 sqm	449
787	MAT01340	BMT-N.11	Providing and fixing PVC door cladding to the flush doors shutters . For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer – in – charge, manufacturers specification and drawing 2.0 mm thick	1 sqm	519
788		BMT-N.84	Providing and fixing factory made uPVC		

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			any colour casement/Casementcum fixed glazed door comprising of uPVC multichambered frame, sashand mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll formingprocess of required length (shape & size according to Upvc profile),uPVC extruded glazing beads of appropriate dimension, EPDMgasket/ TPV, zinc alloy (white powder coated) 3D hinges and one handle oneach side of panels along with zinc plated mild steel multi point lockinghavingtransmission gear, cylinder with keeps and one side key, G.Ifasteners100 x 8 mm size for fixing frame to finished wall and necessarystainlesssteel screws, etc. Profile of frame & sash shall be mitred cut andfusion welded at all corners, mullion (if required) shall be also fusionweldedincluding drilling of holes for fixing hardware's and drainage ofwater etc.After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required sizeand of approved quality, all complete as per approved drawing & directionof Engineer-in-Charge inclusive of cost of Single / double glass panes and silicon sealent . **Note: For uPVC frame, sash and mullion extruded profiles minus 5%tolerance in dimension i.e. in depth & width of profile shall be acceptable.Variation in profile dimension in higher side shall be acceptedbut no extra payment on this account shall be made.**		
789	MAT05437	BMT-N.84.A	Casement door with 3D hinges made of (big series) frame 67x 64 mm & sash 67 x 110 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.00 sqm).	1 sqm	9062
790	MAT05438	BMT-N.84.B	Casement door with top hung ventilator with 3D and S.S. frictionhinges (400 x 19 x 1.9 mm) made of (big series) frame	1 sqm	9356

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			67 x 64 mm, sash 67 x 110 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ±. 0.2 mm and single glazing bead / double glazing bead of appropriate dimension.(Area of doorupto 2.50 sqm)		
791		BMT-N.85	Providing and fixing factory made uPVC any colour sliding glazed doorcomprising of uPVC multi chambered frame with inbuilt roller track andsash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanizedmild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVCextruded glazing beads, uPVC extruded interlock and uPVC extrudedInline sash adaptor (if required), EPDM gasket/TPV, wool pile, zinc alloy(white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmissiongear with keeps, zinc alloy (white powder coated) cresent lock (ifrequired), stainless steel (SS 304 grade) body with adjustable doublenylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steelscrews etc. Profile of frame & sash shall be mitred cut and fusion weldedat all corners, including drilling of holes for fixing hardware's and drainageof water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backerrod of required size and of approved quality, all complete as per approveddrawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes,wire mesh and silicon sealent . **Note: For uPVC frame and sash extruded profiles minus 5% tolerancein dimension i.e. in depth & width of profile shall be acceptable. Variationin profile dimension in higher side shall be accepted but noextra payment on this account shall be made.**		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
792	MAT05439	BMT-N.85.A	Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thicknessof 2.3 ± 0.2 mm and single glazing bead / double glazingbead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)	1 sqm	6652
793	MAT05440	BMT-N.85.B	Three track three panels sliding door with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of(big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)	1 sqm	8220
794	MAT05441	BMT-N.86	Providing and fixing of factory made of High Density High MoistureResistant Wood Fiber (HDHMR) single shutter Duradoor made up of FRAME: Door frame manufactured with High Density High MoistureResistant Wood Fiber (HDHMR) of 36mm width x 100mm depth , laminated with 0.2mm thick PVC Foil using hot press andPUR adhesive, fitted with Gasket for energy efficiency and noise protection,affixed to the wall using high strength expandable PU Foam/ selfexpandable wall fixing screws.Max dimensions in MM of 280 (depth) x 2440 (height)SHUTTER: Factory made 41mm thick shutter sandwiched with High Density High Moisture ResistantWood Fiber (HDHMR) of 5.5mm thick skinson both sides and HDHMR of 30mm thickness as skeleton,core of high density Honey Comb and Laminated Veneer Lumber (LVL) for holding the lock body andhardware, laminated with 0.2mm thick PVC Foil and edgebanded with 1mm thick PVCedgeband using hot press and PUR adhesives. Max dimensions in MM of 1200 (width) x 41(thickness) x 2400 (height), **ARCHITRAVE**: Factory made Architrave of size 80mm x 12mm fitted to premade grooves within the frame for addedaesthetics. Four design variants available, made with Density High Moisture Resistant Wood	1 sqm	11939

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			Fiber(HDHMR) of different thicknesses depending on the design variant, laminated with 0.2mm thickPVC Foil using hot press and PUR adhesive, fitted to the wall using strong quick actingadhesives. **HARDWARE & ACCESSORIES**: Imported hardware including door handles – 1 no, cylindrical magnetic lock 1 no ,SS hinges – 3 nos. Including cost and conveyance of all material, Hardware, Labour charges and transportation complete for finished item of work		
795	MAT05442	BMT-N.87	Supply and fixing of Bath/Toilet **Door frame and shutter** with 8mm laminated (IS.15786)using with 50mmx35mmx1.3mmthick aluminum door frame of weight 220grm per Rft with a rebate of 30 mm for provision for shutter , shutter made with 45mmx25mmx1.3mm thick aluminum section of weight 210grms per Rft with 8mm groove to accommodate 8mm thick laminated (IS.15786) and shutter having 3nos of ss 304gr Butt hinges of 100mm long, 100mm aluminum handles 2nos, and also 2 nos of 200mmx12mm aluminum aldrops ,the rates inclusive of all labor fixing at site and 50microns Ivory powder coated for aluminum door frame and shutter sections etc complete finished item of work .	1 sqm	5787
796	MAT05443	BMT-N.92	Providing and fixing 28 30 MM thick solid Wood Polymer Composite(WPC) single extruded door shutter with 3MM top and bottom rigid layer with an overall density of 750kg/Cum. It will be fixed to the frame using 3 inch /4 inch hinges. A minimum of 4 hinges will be required for fixing the door with the frame	1 sqm	3688
		BMT-N.93	**DELETED**		
		BMT-N.94	**DELETED**		
		BMT-N.95	**DELETED**		
		BMT-N.96	**DELETED**		
		BMT-N.97	**DELETED**		

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	New Item	BMT-N.103	Providing and fixing in position factory-made steel glazed main entrance hinged door , complete with steel frame, shutter, fixed glass side and top Panels, including all fittings, fixtures, hardware, fasteners and accessories, as per approved drawings, specifications and directions of Engineer-in-Charge. The door frame shall be manufactured from 1.0 mm thick galvanized plain skin pass (GPSP) sheet conforming to IS 513 'D' quality and IS 277 with minimum 120 GSM zinc coating, roll-formed into 100 mm × 78 mm closed box single rebate profile with 20 mm decorative architrave on exposed faces, mitred at corners and assembled using corner brackets and self-expanding screws, internally filled with polyurethane foam (PUF) of density 32–36 kg/m³, and provided with continuous EPDM rubber gasket groove and gasket for air-tight sealing, suitable to accommodate hinged shutter along with fixed side and top glass panels as per site requirements. The door shutter shall be 46 mm thick, fully flush, double-skin construction, with both inner and outer skins made from 0.8 mm thick galvanized plain skin pass (GPSP) sheets, joined using lock-seam joints with U-shaped bent edges, internally filled with honeycomb kraft paper, and provided with stiffeners at hinge, lock and handle locations, suitable for accommodating glass vision panel wherever required as per approved drawings. Fixed glass side and top panels shall be formed using matching galvanized steel sections integrated with the main door frame, glazed with clear toughened glass of 6mm thickness fixed using gasket system, ensuring vibration-free, weather-tight installation, with all glass edges polished and safety compliant.The entire door assembly including frame, shutter and fixed panels shall be finished with factory-applied powder coating in approved shade, with coating thickness minimum 60 microns.Hardware: 1 pair of 10" D-handles,3 ball bearing butt hinges,1 mortise lock or 10" aldrop,1 six-inch tower bolt. Main entrance hinged door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	18372
	New Item	BMT-N.104	Providing and fixing in position factory-made Room entrance Steel door , complete with door shutter, frame, top fixed glass window, including all fittings, fixtures, hardware, fasteners and accessories, as per approved drawings, specifications and directions of Engineer-in-Charge.		

			The door frame shall be manufactured from 1.0 mm thick galvanized plain skin pass (GPSP) sheet conforming to IS 513 'D' quality and IS 277 with minimum 120 GSM zinc coating, roll-formed into 100 mm × 78 mm closed box single rebate profile with 20 mm decorative architrave on exposed faces, mitred at corners and assembled using corner brackets and self-expanding screws, internally filled with polyurethane foam (PUF) of density 32–36 kg/m³, and provided with continuous EPDM rubber gasket groove and gasket for air-tight sealing, suitable to accommodate hinged shutter along with top fixed as per site requirements. The door shutter shall be 46 mm thick, fully flush, double-skin construction, with both inner and outer skins made from 0.8 mm thick galvanized plain skin pass (GPSP) sheets, joined using lock-seam joints with U-shaped bent edges, internally filled with honeycomb kraft paper, and provided with stiffeners at hinge, lock and handle locations as per approved drawings. The top fixed window shall be formed using matching galvanized steel sections, glazed with clear toughened glass of 6mm thickness fixed using gasket system, ensuring vibration-free and weather-tight installation, with polished edges. Hardware: 1 pair of 10" D-handles,3 ball bearing butt hinges,1 mortise lock or 10" aldrop,1 six-inch tower bolt.		
		BMT-N.104.A	Door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	12373
		BMT-N.104.B	Door with above specifications, finished with polyester powder coating of minimum 60 microns and further sublimated using an approved Wood finish through dye-sublimation process, complete as per manufacturer's specifications and as per direction of the Engineer-in-Charge	Sqm	13704
		BMT-N.104.C	Door with above specifications, finished with polyester powder coating of minimum 60 microns and further sublimated using an approved high-resolution image printed through dye-sublimation process, complete as per manufacturer's specifications and as per direction of the Engineer-in-Charge	Sqm	14695
	New Item	BMT-N.105	Supply & Installation Galvanized Plain Skin Pass (GPSP) Door (Single/Double Shutter): Factory-made, single rebate Galvanized steel door (frame and shutter) for general applications, fabricated from Galvanized plain skin pass (GPSP) sheets conforming to IS 513 (D-quality) and IS 277 with 120 GSM zinc coating. Door Frame: Made from 1.0 mm thick GPSP sheet, roll-formed into a 100x78		

			mm closed box single rebate profile with 20 mm architrave, miter-jointed using self-expanding screws. Designed to hold 46 mm thick shutter and filled with polyurethane foam (PUF) of 32–36 kg/m³ density. Groove provided for EPDM gasket for airtight closing. Door Shutter:46 mm thick fully flush double skin shutter made from 0.8 mm GPSP sheet with lock-seam joints and U-shaped bent edges. Filled with honeycomb kraft paper and reinforced with stiffeners for hardware installation. Hardware :1 pair of 10" D-handles,3 ball bearing butt hinges,1 mortise lock or 10" aldrop,1 six-inch tower bolt.		
		BMT-N.105.A	Door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	13302
		BMT-N.105.B	Door with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	14635
		BMT-N.105.C	Door with above specifications, finished with polyester powder coating of minimum 60 microns and further sublimated using an approved high-resolution image printed (Reflection Series Finish) through dye-sublimation process, complete as per manufacturer’s specifications and as per direction of the Engineer-in-Charge.	Sqm	15910
	New Item	BMT-N.106	Supply & Installation Galvanized plain skin pass (GPSP) sheet closed box profile Door Frame only (Single Rebate – General Use) Suitable for 46mm shutter. Factory-made door frame constructed from 1.0 mm thick galvanized plain skin pass (GPSP) sheet (as per IS 513 'D' quality & IS 277 with 120 GSM zinc coating), roll-formed into a 100×78 mm single rebate closed-box profile with 20 mm decorative architrave. Frame is powder coated (pure polyester, 60–65 microns DFT), miter-cut, assembled with corner brackets and self-expanding screws. Internal cavity filled with Polyurethane Foam (PUF) of 32–36 kg/m³ density. Groove provided for EPDM gasket to ensure proper sealing with the shutter. Frame includes stiffeners for mounting hardware such as hinges, aldrop, tower bolt, door closer, etc. (hardware not included. stiffeners only). Hardware: 3 Nos. SS304 Ball Bearing Butt Hinges, All fasteners and screws in SS304 grade.		
		BMT-N.106.A	Steel Door Frame with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Rmt	1281

		BMT-N.106.B	Steel Door Frame with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Rmt	1409
	New Item	BMT-N.107	Supply & Installation Galvanized plain skin pass (GPSP) Steel closed box profile Door Frame only (Single Rebate – General Applications): Suitable for 32/35mm shutter. Factory-made door frame from 1.0 mm thick GPSP sheet (IS 513 'D' quality, IS 277, 120 GSM zinc coated), powder coated with 60–65 microns DFT polyester finish. Roll-formed into 100×78 mm single rebate closed-box profile with 20 mm design architrave, suitable aluminium profile to receive 32–35 mm thick shutter. Frame is miter-cut, assembled with corner brackets and self-expanding screws. Filled with polyurethane foam (PUF) of 32–36 kg/m³ density. Includes groove for EPDM gasket for sealing and integrated stiffeners for fixing hardware (hinges, aldrop, tower bolt, etc.; hardware not included). Hardware: 3 Nos. SS304 Ball Bearing Butt Hinges, All screws and fasteners in SS304 grade.		
		BMT-N.107.A	Steel Door Frame with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Rmt	1328
		BMT-N.107.B	Steel Door Frame with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Rmt	1459
	New Item	BMT-N.108	Factory-Supplied & Installed Single Rebate Galvanized Plain Skin Pass (GPSP) Door (Single/Double Shutter) with Vision Panel – Scientific Use: Constructed from Galvanized Plain Skin Pass (GPSP) sheets (as per IS 513 'D' quality, IS 277 with 120 GSM zinc coating). Door Frame: Made from 1.0 mm thick GPSP sheet, roll-formed into a 100x78 mm closed box single rebate profile with 20 mm decorative architrave. Frame sections are mitered and assembled using corner brackets and self-expanding screws. Filled with PUF (32–36 kg/m³ density) and grooved to accommodate EPDM gasket for air-tight sealing. Door Shutter: 46 mm thick, fully flush double-skin shutter using 0.8 mm GPSP sheets, with lock-seam joints and U-shaped bent edges. Internal core filled with honeycomb kraft paper and stiffeners for hardware fitting. Vision Glass Panel: Fitted with double-		

			glazed 6 mm clear float/toughened glass. Available sizes: 200×300 mm, 450×750 mm, 450×450 mm, 350×750 mm, or 450 mm dia (circular). Hardware : 1 pair of 10" D-handles,3 ball bearing butt hinges,1 mortise lock or 10" aldrop,1 six-inch tower bolt.		
		BMT-N.108.A	Scientific door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	13303
		BMT-N.108.B	Scientific door with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	14635
	New Item	BMT-N.109	Supply & Installation Powder-Coated Lead-Lined Galvanized Plain Skin Pass (GPSP) Door (Single Rebate, Single Shutter – Open Profile frame): Factory-made door set with frame and shutter made from Galvanized plain skin pass (GPSP) sheet (as per IS 513 'D' quality, IS 277 with 120 GSM zinc coating). Door Frame: Made from 1.6 mm thick GPSP sheet, roll-formed to a 100×58 mm single rebate profile. Inner face of the frame is lined with 2.0 mm thick lead sheet and filled with PUF (32–36 kg/m³ density). Door Shutter: Constructed from 1.2 mm thick GPSP sheet to form a 46 mm thick fully flush, double skin shutter with lock-seam joints. Entire inner face is lead-lined with 2.0 mm thick lead sheet and filled with PUF (32–36 kg/m³ density). Finish: Factory-finished with pure polyester/epoxy-polyester/polyurethane powder coating (60–65 microns), in specified RAL colours. Hardware: 10" D-handle, Ball bearing butt hinges, Mortise dead lock, Concealed flush bolt, Door closer	Sqm	17761
	New Item	BMT-N.110	Supply & Installation of FD-120 Uninsulated Fire Rated Galvanized plain skin pass (GPSP) Shaft Door – 120-Minute Integrity (as per IS 3614:2021): Factory-made, single shutter, uninsulated fire-rated door set for non-egress areas (e.g., shafts), conforming to FD-120 classification under IS 3614:2021, tested as a complete assembly per IS 17518 (Part I). Door Frame: Made from 1.2 mm thick Galvanized plain skin pass (GPSP) sheet (zinc coating ≥120 GSM, IS 277), minimum 100×58 mm profile, mitred joints, reinforced for hardware, and grooved to accept fire-rated EPDM smoke seal, either inserted or adhered along the full perimeter. Door Shutter: 46 mm thick fully flush, double-skin construction from 1.2 mm GPSP sheets (≥120 GSM), with lock seam		

			joints, U-bent top/bottom edges, and resin-bonded honeycomb paper core. Includes provisions for hardware as per IS 16074. Hardware: 1 fire-rated shaft mortise dead lock,1 flush pull handle, SS304 ball bearing butt hinges (100×75×3 mm)		
		BMT-N.110.A	Fire rated shaft door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge .	sqm	14755
		BMT-N.110.B	Fire rated shaft door with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	16231
	New Item	BMT-N.111	Supply & Installation of BIS Certified FD-120 Uninsulated Fire Rated Single Shutter GPSP sheet Door – 120-Minute Integrity (as per IS 3614:2021): Factory-supplied and installed door set for non-egress utility/service areas, tested as a complete assembly in accordance with IS 17518 (Part-I), conforming to IS 3614:2021 (FD-120 classification – 120 minutes integrity). Door Frame: Made from 1.2 mm thick Galvanized plain skin pass (GPSP) sheet (min. 120 GSM zinc coating, IS 277), single rebate 100×58 mm profile, with mitred joints (self-tab/screwed at site), reinforced for hardware, and integrated groove for fire-rated EPDM smoke seal. Door Shutter: 46 mm thick double skin construction from 1.2 mm GPSP sheets (120 GSM), with lock seam joints, U-bent top/bottom edges, and resin-bonded honeycomb paper infill. Stiffened and pre-punched to receive hardware as per IS 16074. Vision Panel: Fitted with 120-minute fire-rated clear glass (min. 6 mm thick), max area 0.12 m², fixed using clip-on arrangement and fire-rated ceramic tape (2×13 mm) on both sides. Hardware: 1 fire-rated mortise dead lock,1 pair D-type pull handles,1 fire-rated heavy-duty surface door closer (Size 2–4, IS 3564 compliant, silver finish),SS ball bearing butt hinges (100×75×3 mm)		
		BMT-N.111.A	Uninsulated Fire rated Door door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	15325

		BMT-N.111.B	Uninsulated Fire rated Door door with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	16861
	New Item	BMT-N.112	Supply & Installation of BIS Certified FD-120 Partially Insulated Fire Rated Single Shutter GPSP sheet Door – 120 Min Integrity / 30 Min Insulation (IS 3614:2021): Factory-made fire door assembly for Staircases, Exit Routes, and Refuge Areas, tested as per IS 17518 (Part-I), conforming to FD-120 classification under IS 3614:2021, with 120 minutes integrity and 30 minutes insulation. Door Frame: Single rebate 100×58 mm profile made from 1.2 mm thick galvanized plain skin pass (GPSP) sheet (120 GSM, IS 277), with mitre-cut joints, site-assembled using self-tabs/screws. Frame includes groove for smoke seal or EPDM and reinforced to support hardware per IS 4351. Door Shutter: 46 mm thick double-skin galvanized steel construction (1.2 mm thick, 120 GSM), fully flush with lock seam joints and U-bent top/bottom edges. Shutter is internally filled with resin-bonded mineral wool or ceramic wool (96–120 kg/m³) with intumescent seal (min. 1.5×10 mm) on three edges of the door leaf and includes pre-punched slots and stiffeners as per IS 16074. Vision Panel: Fitted with 120-minute fire-rated 6 mm clear glass (max area: 0.06 m²), held with clip-on frame and ceramic tape (2×13 mm). Hardware: 1 Single-point panic device with external trim,1 heavy-duty overhead door closer (size 3–5, silver finish, IS 3564),SS ball bearing butt hinges (100×75×3 mm)		
		BMT-N.112.A	Insulated fire rated door door with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	16661
		BMT-N.112.B	Insulated fire rated door door with above specifications finished with polyester powder coating of minimum 60 microns and sublimated with approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	sqm	18327
<u>In short:</u> The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
IV.SUB SECTION			**CUPBOARD DOORS**		
802	MAT01353	BMT-N.24	Supply and fixing of Cement Bonded Particle Board (IS 14276) **cup board** frames and shutters and using 16mm Cement Bonded Particle Board duly painted both sides with one coat of primer and two coats of synthetic / enamel paint of approved shade and brand including fixing of hardware like M.S. powder coated Piano hinges of size 18mm x 18mm, brass ball catches, Aluminum tower bolts and handles , Godrej locks, Fevicol, screws and nails including cost and conveyance of all materials, labor charges, all incidental and operational charges etc., complete for finished item of work at site as per the directions of Engineer in Charge.	1 sqm	2651
803	MAT01358	BMT-N.29	Supply and fixing of Cement Bonded Particle Board (IS 14276) box type cup board using Cement Bonded Particle Board for making frame of size 100mm x 35mm using two sandwiched 16MM boards, one Cement Bonded Particle Board and one CEMENT BONDED PRELAMINATED PARTICLE BOARDS with plain 35mm wood lipping. The Shutters are made of 16MM thick CEMENT BONDED PRELAMINATED PARTICLE BOARDS (PreLaminated Cement Bonded Particle Board) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾" x ¾" , Aluminum powder coated handles of size 4" (101.6mm), Aluminum tower bolt 4" (101.6mm) Godrej locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	4273

804	MAT01400	BMT-N.71	Supply and fixing of cupboard shutter using teakwood scantling of size 50mm X50mm teakwood as outer frame and 50mm X 30 mm of size teakwood for shutter frames , 8mm thick Bison Lam as panel to each shutter consist of 2 Nos 75mm long tower bolt – 2 nos 75 mm big handle the and other shutter will have 1 no of cupboard lack , 1 No of 75 mm long handle and 75mm10mmX1mm thick SS hinges 2 Nos for each shutter. The above frame will be fixed to the wall with screws, the rate inclusive of screws, handle, etc., complete at site of work.	1 Sqm	4500
805		BMT-N.89	Supply and fixing of SINGLE PANEL 30mm thick door shutters(NANDI or equivalent) made of rigid PVC extruded hollow section of 20mm X 635mm with the wall thickness of 1.Omm+/ 0.1mm. The shutter frame is made of 3OmmX79mm with the wall thickness of 1.5mm +/ 0.15mm section mitrecut and joined at 4 corners with 125mmX225mm plastic brackets. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter	1 Sqm	2920
806		BMT-N.90	Supply and fixing of door frame (NANDI or EQUIVALENT) made of hollow extruded PVC section having dimensions of 40 X 57mm with the wall thickness of 2mm +1 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metricut/ welded. PVC DOOR FRAME	1 Sqm	257
807		BMT-N.91	Supplying & fixing SINGLE PANEL 30mm thick PVC DOOR frame (NANDI or EQUIVALENT), door shutters with shutter frame and Infill panel made from PVC material, the shutter frame made out of PVC extruded sections having overall dimensions of 105 mm x 30 mm with wall thickness of 1.3mm ± 0.3 mm, with the Infill panel made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm x 20 mm having wall thickness 1 mm ± 0.2 mm with the shutter frame meter cut and joined at corners and all the hardware locations reinforced with special polymeric bars/wooden Battens as per drawing including providing special PVC bracket/Wooden Battens on hinge side etc complete	1 Sqm	3039

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

P.SECTION			WINDOWS (Landing cost – including loading, cost of conveyance, unloading)		
I.SUB SECTION			OPENABLE WINDOWS		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
S. No	**CFMS code**	**Item Code**	**Description of item**	**Unit**	**Basic Rate for SoR 2026- 27 (Rs.)**
1		**2**	**3**	**4**	**5**
808			**Supply and fixing of prepainted steel openable windows** base steel as per IS 513 of 0.58 mm thick 'D" quality, galvanized as per IS 277 , finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 46 x 52 mm section and for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading should be 18 x 25 mm with 5 mm thick plain float glass fitted with Ethyl propylene Diamine monomer Gasket (EPDM) and handle made of high grade aluminium powder coated with frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars with 6" pitch complete for finished item of work .		
809	MAT01409	BMT-P.01	Windows: Single shutter 2'0 x 4'0 (609.6 x 1219.2 mm) Outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 sqm	6492
810	MAT01410	BMT-P.02	Windows: Double shutter 3'0" x 4'0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	6492
811	MAT01411	BMT-P.03	Windows: Double shutter 3'0" x 4'0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	6908
812	MAT01412	BMT-P.04	Windows: Double shutter 4'0" x 4 '0" (1219.2x12.19.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	6687
813	MAT01413	BMT-P.05	Windows: Double shutter 4'0" x 4 '0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	6671
814	MAT01414	BMT-P.06	Windows: Double shutter 4'6" x 4 '6" (1371.6x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	6166

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
815	MAT01415	BMT-P.07	Windows: Centre fixed both side openable shutter 5'0" x 4'0" (1524x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	6166
816	MAT01416	BMT-P.08	Windows: Centre fixed both side openable shutter 6'0" x 4' 0"1828.8x1219.2mm) outer frame sectionsize of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	6351
817	MAT01417	BMT-P.09	Windows: Centre fixed both side openable shutter 6'0" x 4'6" (1828.8x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	6620
			Providing and fixing of **Openable Windows** made of prepainted steel (Base steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with Zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and section for outer frame of 48 x 50 mm, centre mullion of 48 x 50 mm, section for shutter of 48 x 25 mm and the fixed glass beading section should be 12 x 12 mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
818	MAT01424	BMT-P.16	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	5938
819	MAT01425	BMT-P.17	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm.	1 Sqm	6251
820	MAT01426	BMT-P.18	Double shutter Window with vertical member4'0" x 4'0" (1219.2mm x1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 48x50mm.	1 Sqm	6356
821	AT01427	MT-P.19	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	5669
822	MAT01428	BMT-P.20	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12 x 12mm. Providing & Fixing of **Openable Windows with Flymesh** made of pre painted steel (Base Steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with zinc of 150 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm	1 Sqm	4655

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			provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm and the sections cut to length metre joined with corner bracket, centre mullions fixed with mullion cap, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 5mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for finished item of work		
823	MAT01429	BMT-P.21	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	5297
824	MAT01430	BMT-P.22	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm.	1 Sqm	7907
825	MAT01431	BMT-P.23	Double shutter Window with vertical member4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 72x50mm.	1 Sqm	7191
826	MAT01432	BMT-P.24	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	6486
827	MAT01433	BMT-P.25	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	**6681**
828	MAT01438	BMT-P.30	**ITEM DELETED**		
829	MAT01439	BMT-P.31	**ITEM DELETED**		
			Galvanized powder coated **Casement Windows with openable shutters** duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm,		

830	MAT01440	BMT-P.32	centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zincelectroplated M5 bolts, GI Handle of size 80 mm x 15 mm 1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work 1220 x 1372 or below size	1 Sqm	6071
831	MAT01441	BMT-P.33	Galvanized powder coated **Casement Windows with openable shutters** duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zincelectroplated M5 bolts, GI Handle of size 80 mm x 15 mm 1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work 1530 x 1372 or above size	1 Sqm	5172

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

832	MAT01442	BMT-P.34	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and flyproof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zincelectroplated M5 bolts, GI Handle of size 80 mm x 15 mm 1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and flyproof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work 1220 x 1372 or below siz	1 Sqm	7309
833	MAT01443	BMT-P.35	Galvanized powder coated **Casement Windows with openable shutters** duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and flyproof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zincelectroplated M5 bolts, GI Handle of size 80 mm x 15 mm 1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and flyproof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work 1530 x 1372 orabove size	1 Sqm	**6930**

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
834	MAT01444	BMT-P.36	Providing & Fixing of **Mesh windows** made of prepainted steel (Base Steel as per IS 513 of 0.58mm thick galvanized as per IS 277 with zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 57. microns thick alkyd backer, section for outer frame of 47 x 36 mm, centre mullion of 60 x 36 mm, section mesh beading 18 x 6 mm and **Fly mesh shutter** section of 20 x 40 mm, the sections cut to length meter joined with corner bracket and centre mullions fixed with mullion cap, handles, latch, 2 Nos of heavy duty stainless steel pivot hinges per S.S. Mesh for fly mesh shutter (304 grade) including fixing the frames in the concrete/masonry wall by means of self expanding screws complete for finished item of work.	1 Sqm	**4835**
			Providing and fixing of **Openable / Casement Windows** made of pre painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
835	MAT01454	BMT-P.46	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	5456

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
836	MAT01455	BMT-P.47	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame section size of 80 x 45mm,shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	5838
837	MAT01456	BMT-P.48	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size 80 x 45mm, shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm.	1 sqm	5838
838	MAT01457	BMT-P.49	Double Openable Shutter and Center Fixed window of size 5'0 x 4'0 (1524 x 1219.2mm)outer frame section size of 80mm x 45mm, shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	5127
839	MAT01458	BMT-P.50	Double Openable Shutter and Center Fixed window of size 6'0 x4'0 (1829.6 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	5127
			Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
			Providing and fixing of Openable / Casement Windows with fly mesh made of prepainted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and flyshutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
840	MAT01459	BMT-P.51	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm	1 sqm	5127
841	MAT01460	BMT-P.52	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	5486
842	MAT01461	BMT-P.53	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and flymesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	7233
843	MAT01462	BMT-P.54	Double Openable Shutter and Center Fixed window of size 5'0 x 4'0 (1524 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	7627
844	MAT01463	BMT-P.55	Double Openable Shutter and Center Fixed window of size 6'0 x4'0 (1829.6 x 1219.2mm) outer frame section size of 80mm x 45mm, shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	7192
			Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
845	MAT01481	BMT-P.73	**ITEM DELETED**		
			Supplying and fixing of **WINDOWS** with Pre laminated Cement Bonded Particle boards and PrePainted Steel Sections (PPS)fabricated from pre painted Cold rolled formed sections made of galvanized steel color coated sections (Base steel as per IS512 D quality, galvanized as per IS277 with Zinc of 120 gram/sqm) with total coated thickness of 0.58mm primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			12-16 microns and back coated with alkyd backer of 57 microns), sections for outer frame and centre mullion (duly filled with PU form of 40 kg/Cum) of 60mm x 50mm, with provision for fixing glazed shutter and the section for glazed/paneled of size 48 mm x 25 mm and another section of size 60 mm x 23 mm provided for separating glazed and paneled portion, the section cut to length and miter jointed with plastic corner brackets and with corner brackets for window outer frames of 50mm x 60mm, the mullion section fixed to the frame with plastic mullion cap and stiffener plates of size 60 mm x 50 mm made of 1.25mm thick CRCA electroplated provided to fix window frames to concrete/masonry, gasket for fixing glass and 10mm both sides pre laminated cement bonded particle board and 5 mm thick color pin headed glass provided for glazing and providing guard bars of 10 mm square rods duly welded at 150 mm pitch to MS flat section of size 18 mm and 3 mm thick, and fixed to wall by means of self expansion nylon Cap (75) and electroplated wooden screws of size 100 mm, together with aluminum powder coated fittings, A) 75mm long grip handles 1 no per shutter, B) 75 mm long tower bolts 2 nos. per shutter, C) Heavy duty SS Pivot hinges 2 no's per shutter, D) MS Powder coated telescopic stay 1 no per shutter.		
846	MAT01484	BMT-P.76A	Pre Laminated Cement Bonded Particle Board WINDOWS – Single shutter 2'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm.	1 Sqm	6649
847	MAT01485	BMT-P.76B	Pre Laminated Cement Bonded Particle Board WINDOWS –Double shutter 3'0" x 4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm mullion section size of50mm x 60mm for outer frame.	1 Sqm	6741
848	MAT01486	BMT-P.76C	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 3'0" x 3'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of50mm x 60mm for outer frame.	1 Sqm	7015

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
849	MAT01487	BMT-P.76D	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 4'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of50mm x 60mm for outer frame.	1 Sqm	6478
	New Item	BMT-P.84	Supplying and fixing of Factory-made openable window with horizontal & vertical frames from 0.60 mm thick Galvanized plain skin pass (GPSP) sheet (IS 513 'D' quality, IS 277, 120 GSM zinc), powder coated (pure polyester, 60–65 microns DFT). Frame, mullion, and shutters are roll-formed closed-box profiles with lock-seam joints (no welding or soldering). Sections: Outer frame: 100×65 mm with 20 mm architrave, Mullions: 100×65 mm Glazed & flymesh shutters: 60×25 mm each Aluminium profile (10.2×13 mm) for mesh/gasket holding All sections PUF-filled (density 32–36 kg/m³) EPDM gaskets (frame, mullions, shutters) for weather resistance Glazing shutter: fitted with glass using 8×10 mm EPDM gaskets Flymesh shutter: SS 304 mesh (32 gauge, 144 holes/sq.in), reinforced with 2.6 mm dia aluminium wire, held with 4×6 mm EPDM gaskets Grill: Bright bar grill with 10×10 mm bars inserted into frame and mullion without screws. Hardware (SS304 Grade): 1 No. 100 mm 'D' handle per shutter (glazed/fly mesh),2 No. 125 mm 'S' tower bolt for glazed shutter,2 No. 125 mm tower bolt for fly mesh shutter,3 Nos. 75 mm butt hinges per shutter,1 No. 200 mm latch stopper per shutter Fixing: Window installed in masonry/concrete using self-expanding screws, with all necessary stiffeners, support plates, nylon caps, EPDM gaskets included.		
		BMT-P.84.A	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per	Sqm	17509

			manufacturer's specifications and as per direction of the Engineer-in-charge.		
		BMT-P.84.B	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	17138
		BMT-P.84.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	17994
		BMT-P.84.D	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	19453
		BMT-P.84.E	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	18851
		BMT-P.84.F	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	19793
	New Item	BMT-P.85	Supply & fixing GPSP Steel Casement Window without mesh (Single Rebate – All Sizes): Factory-made openable window made from 0.6 mm thick galvanized plain skin pass (GPSP) sheet (IS 513, 'D' quality, IS 277, 120 GSM zinc), powder-coated with pure polyester (60–65 microns DFT). All sections roll-formed closed box profiles with lock-seam joints; no welding/soldering used. Sections: Outer frame: 80×65 mm with 20 mm architrave		

			Mullions: 80×65 mm Shutters: 60×25 mm All profiles filled with PUF (density 32–36 kg/m³, injection method) EPDM gaskets (frame, mullions, shutters) for weather resistance Glazing shutter: fitted with glass using 8×10 mm EPDM gaskets Grill: Bright bar grill with 10×10 mm bars inserted into frame and mullion without screws. Hardware (SS304 Grade): 1 No. 100 mm 'D' handle per shutter,2 Nos. 125 mm 'S' tower bolts per shutter,3 Nos. 75 mm butt hinges per shutter,1 No. 200 mm latch-type stopper per shutter Fixing: Outer frame anchored to masonry using self-expanding screws. Includes all required stiffeners, support plates, nylon caps, EPDM gaskets, etc.		
		BMT-P.85.A	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	13560
		BMT-P.85.B	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	13197
		BMT-P.85.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	13940
		BMT-P.85.D	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	14911
		BMT-P.85.E	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes	Sqm	14531

			and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.		
			Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	15396
	New Item	BMT-P.86	Supply & fixing of Factory made Galvanized plain skin pass (GPSP) Two track Sliding Window with grill provision of (all sizes) having horizontal & vertical frames , Base steel as per IS 513 of 0.80 mm thick 'D' Quality galvanized plain skin pass (GPSP) Sheet as per IS 277, with Zinc coating of 120 GSM, Pure Polyester powder coated paint of 60 - 65 microns (DFT) thick and Outer frame of 98 mm x 50 mm x 0.8 mm thick and shutter section of 38 mm x 65 mm x 0.8 mm thick. The outer frame shall have Two Tracks with Grill Provision and each track have integrated guide tracks of 12.5 mm width and 20 mm deep for provision to slide the Shutter and facilitates with a water drain outlet component made of PVC and shutter with Glazing Sheet fitted with Ethyl Propylene Diamine Monomer (EPDM) gaskets section size of 8.0 mm x 10.0 mm for holding, including infill material of polyurethane foam (PUF) and all fixers including all stiffeners ,supporting plates, Stainless Steel 304 grade screws, Nylon caps, EPDM rubber gasket etc. Grill: Grill having of 10 mm Sq Bright Bars inserted into outer frame Without Screws Fixing and welded at a regular pitch of 150mm to 12mm x 6 mm MS flat vertically at two points. Fixers: Touch lock to be provided for Window Shutter, Rollers, Bump Stop Base & Rubber for shutter. Infill material of Polyurethane (PUF) shall be provided in Window frame and Shutter Profile. Injected Polyurethane Foam (PUF) procedure shall be adopted. Density of Polyurethane Foam shall be 32 to 36 kg / m3.		
			Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as	Sqm	10052

			per direction of the Engineer-in-charge.		
		BMT-P.86.A	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	9680
		BMT-P.86.B	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	10537
		BMT-P.86.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	11033
		BMT-P.86.D	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	10662
		BMT-P.86.E	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	11519
	New Item	BMT-P.87	Supply & fixing of Factory made Galvanized plain skin pass (GPSP) Three track Sliding Window with grill provision of (all sizes) having horizontal & vertical frames , Base steel as per IS 513 of 0.80 mm thick 'D' Quality galvanized plain skin pass (GPSP) Sheet as per IS 277, with Zinc coating of 120 GSM, Pure Polyester powder coated paint of 60 - 65 microns (DFT) thick and Outer frame of 144 mm x 50 mm x 0.8 mm thick and shutter section of 38 mm x 64 mm x 0.8 mm thick. The outer frame shall have Three		

			Tracks with Grill Provision and each track have integrated guide tracks of 12.5 mm width and 20 mm deep for provision to slide the Shutter and facilitates with a water drain outlet component made of PVC and shutter with Glazing Sheet fitted with Ethyl Propylene Diamine Monomer (EPDM) gaskets section size of 8.0 mm x 10.0 mm for holding, Fly mesh Shutter with Stainless Steel 304 grade mesh, fitted into an aluminium profile of size 10.2 mm × 13.0 mm, using 2.6 mm aluminium wire. The shutter shall be provided with Ethyl Propylene Diamine Monomer (EPDM) gasket of 4 mm × 6 mm section for securely holding the fly mesh, including infill material of polyurethane foam (PUF) and all fixers including all stiffeners, supporting plates, Stainless Steel 304 grade screws, Nylon caps, EPDM rubber gasket etc. Grill: Grill having of 10 mm Sq Bright Bars inserted into outer frame Without Screws Fixing and welded at a regular pitch of 150mm to 12mm x 6 mm MS flat vertically at two points. Fixers: Touch lock to be provided for Window Shutter, Rollers, Bump Stop Base & Rubber for shutter. Infill material of Polyurethane (PUF) shall be provided in Window frame and Shutter Profile. Injected Polyurethane Foam (PUF) procedure shall be adopted. Density of Polyurethane Foam shall be 32 to 36 kg / m3.		
		BMT-P.87.A	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	11237
		BMT-P.87.B	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	10866
		BMT-P.87.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-	Sqm	11723

			charge		
		BMT-P.87.D	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	11999
		BMT-P.87.E	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	11628
		BMT-P.87.F	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	12485
	New Item	BMT-P.88	Supply & fixing of Factory made Galvanized plain skin pass (GPSP) Two track Sliding Window without grill provision of (all sizes) having horizontal & vertical frames , Base steel as per IS 513 of 0.80 mm thick 'D' Quality galvanized plain skin pass (GPSP) Sheet as per IS 277, with Zinc coating of 120 GSM, Pure Polyester powder coated paint of 60 - 65 microns (DFT) thick and Outer frame of 58.5 mm x 50 mm x 0.8 mm thick and shutter section of 38 mm x 65 mm x 0.8 mm thick. The outer frame shall have Two Tracks without Grill Provision and each track have integrated guide tracks of 12.5 mm width and 20 mm deep for provision to slide the Shutter and facilitates with a water drain outlet component made of PVC and shutter with Glazing Sheet fitted with Ethyl Propylene Diamine Monomer (EPDM) gaskets section size of 8.0 mm x 10.0 mm for holding, including infill material of polyurethane foam (PUF) and all fixers including all stiffeners ,supporting plates, Stainless Steel 304 grade screws, Nylon caps, EPDM rubber gasket etc. Fixers: Touch lock to be provided for		

			Window Shutter, Rollers, Bump Stop Base & Rubber for shutter. Infill material of Polyurethane (PUF) shall be provided in Window frame and Shutter Profile. Injected Polyurethane Foam (PUF) procedure shall be adopted. Density of Polyurethane Foam shall be 32 to 36 kg / m3.		
		BMT-P.88.A	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	8352
		BMT-P.88.B	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	7980
		BMT-P.88.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	8837
		BMT-P.88.D	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	9333
		BMT-P.88.E	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	8962
		BMT-P.88.F	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved	Sqm	9819

			wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.		
	New Item	BMT-P.89	Supply & fixing of Factory made Galvanized plain skin pass (GPSP) Three track Sliding Window without grill provision of (all sizes) having horizontal & vertical frames , Base steel as per IS 513 of 0.80 mm thick 'D' Quality galvanized plain skin pass (GPSP) Sheet as per IS 277, with Zinc coating of 120 GSM, Pure Polyester powder coated paint of 60 - 65 microns (DFT) thick and Outer frame of 104.5 mm x 50 mm x 0.8 mm thick and shutter section of 38 mm x 64 mm x 0.8 mm thick. The outer frame shall have Three Tracks without Grill Provision and each track have integrated guide tracks of 12.5 mm width and 20 mm deep for provision to slide the Shutter and facilitates with a water drain outlet component made of PVC and shutter with Glazing Sheet fitted with Ethyl Propylene Diamine Monomer (EPDM) gaskets section size of 8.0 mm x 10.0 mm for holding, Fly mesh Shutter with Stainless Steel 304 grade mesh, fitted into an aluminium profile of size 10.2 mm × 13.0 mm, using 2.6 mm aluminium wire. The shutter shall be provided with Ethyl Propylene Diamine Monomer (EPDM) gasket of 4 mm × 6 mm section for securely holding the fly mesh, including infill material of polyurethane foam (PUF) and all fixers including all stiffeners, supporting plates, Stainless Steel 304 grade screws, Nylon caps, EPDM rubber gasket etc. Fixers: Touch lock to be provided for Window Shutter, Rollers, Bump Stop Base & Rubber for shutter. Infill material of Polyurethane (PUF) shall be provided in Window frame and Shutter Profile. Injected Polyurethane Foam (PUF) procedure shall be adopted. Density of Polyurethane Foam shall be 32 to 36 kg / m3. Landing cost – including loading, cost of conveyance, unloading.		
		BMT-P.89.A	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	9537

		BMT-P.89.B	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	9166
		BMT-P.89.C	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	10023
		BMT-P.89.D	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Toughened Plain Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	10299
		BMT-P.89.E	Window with above specifications and Glazing Sheet in Shutter: 3.5 mm to 4 mm thick Float Glass and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	9928
		BMT-P.89.F	Window with above specifications and Glazing Sheet in Shutter: 5 mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) and finished with polyester powder coating of minimum 60 microns of approved wood finishes and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge.	Sqm	10785

		II.SUB SECTION	**SLIDING WINDOWS**		
850	MAT01434	BMT-P.26	Providing and fixing Pre painted Steel **sliding Window/Doo**r fabricated from roll formed sections made of Galvanized steel colour coated /powder coated (Base Steel as per IS 513 'D' quality galvanized as per IS 277 with Zinc of 120 Gms./ Sq.mtr) with total coated thickness of 0.58mm. Primer Coat with epoxy primer of 5-7 microns thick, finished paint with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The External Section for two track Sliding Window should be of 44 x 59mm with a provision for bottom track insert profile of 10x9 mm made of aluminium. Section for Window glass shutter should be of 35x49mm, Section for Window Euro groove should be of 25x24mm made of plastic to accommodate standard accessories, and section for window lap strip should be of 21x4mm made of plastic. Section for Door shutter should be of 35x67mm, Section for Door Euro Groove 25x31mm made of plastic to accommodate standard accessories and size of lap strip should be of 39x41mm. The Window/Door to be panelled with 5mm thick plain float glass. The gaskets are to be made of Ethyl Propylene Diamine Manomer [EPDM]. Corner Brackets for internal and external frame to be made of glass filled nylon. Touch lock to be provided for Window Shutter. Sections are to be cut to length, joined and assembled by means of corner brackets. The above frame to be fixed to Brick/Concrete masonry by using Nylon selfexpanding caps and driving MS electroplated 80mm screws into the caps through frames. The Grill for safety for windows to be made of 10mm thick square rod bars with 152mm pitch for complete item of work . For Door there will be no Safety Grill including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site complete for finished item of work.	1 Sqm	7377
<u>In short:</u> The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
851	MAT01435	BMT-P.27	**ITEM DELETED**		
852	MAT01436	BMT-P.28	**ITEM DELETED**		
853	MAT01437	BMT-P.29	**ITEM DELETED**		
854	MAT01445	BMT-P.37	Providing and fixing COMPOSITE SLIDING WINDOW fabricated from roll formed sections made of Galvanized Steel colour Coated/Powder Coated (Base Steel as per IS 513 “D” quality, Galvanized as per IS 277 with Zinc of 120 grams /Sq.Mtr.) with total coated thickness of 0.58 mm, powder coated with pure Polyester Powder up to 50-60 microns thick and the section for external frame bottom of 68 x 25mm (Aluminium), External frame sides & Top of 68 x 25 mm (Aluminium), section for shutter of 59 x 23mm and Lap Strip of 30 x 7.5mm (uPVC) cut to length and mitre joined with Lbracket and 5 mm plain float Galss with Ethyl Propylene Diamine Monomer (EPDM) gasket, the corner bracket for external frame made of Aluminium ‘L’Angle, Corner Bracket for internal frame made of Polyproylene, Crescent Latch, Rollers, & EPDM Gaskets for shutters, wool pile for lap strip, Bump Stop Base & Rubber for shutter stopper including fixing to brick/concrete masonry using Nylon selfexpanding caps and driving MS electroplated 80mm long screws into the caps through frames and fixing 10mm square guard bars with 6” pitch centre to centre (152.4mm) completed for finished item of work	1 Sqm	6609
			Providing and fixing of **Two shutter Sliding Windows** made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder upto 50-60 microns thick with total coated thickness of 0.58 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for Two Tracks with Grill		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			provision size of 90 mm x 50 mm and without grill provision is of 75 mm x 50 mm and the Window Shutter section of 0.58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and cut to length miter joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work.		
855	MAT01446	BMT-P.38	a) Window with Two Sliding Shutters and without Grill Outer Frame Size 75 mm x 50 mm.	1 Sqm	7089
856	MAT01447	BMT-P.39	b) Window with Two Sliding Shutters and with Grill Outer Frame Size 90 mm x 50 mm have a rebate of 15mm x 5 mm to fit grill made of 10mm MS Sq Rods for horizontal bars welded at a regular pitch of 150mm to 12mm x 6 mm MS flat.	1 Sqm	7241
			Providing and fixing of **Three shutter Sliding Windows** made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder upto 50-60 microns thick with total coated thickness of 0.58 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for three tracks with grill provision size of 105 mm x 50 mm and without grill provision is of 90 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Alumimium 1 No. per each shutter and cut to length miter joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work.		
			Window with 3 shutters (center fixed shutter / Center sliding shutter / center Fly mesh shutter) and with Grill Window made of Outer Frame of Size 105 mm x 50 mm. Grill made of 10mm MS Square Rods for horizontal bars at a regular pitch of 150mm welded to MS flat of 12 x 6 mm.		
857	MAT01448	BMT-P.40	i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mm of 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	7178
858	MAT01449	BMT-P.41	ii) Center Shutter Sliding: center shutter frame made of section of size 20mm x 47mm should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick	1 Sqm	7976
859	MAT01450	BMT-P.42	iii) Center Fly mesh Shutter Sliding: Section for Fly mesh Shutter frame should be of size 20mm x 40mm of 0.58mm thick and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm and 29mm x 20mm of 0.58mm.	1 Sqm	7976

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			Window with 3 shutters (Center fixed shutter / Center sliding shutter / center Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm.		
860	MAT01451	BMT-P.43	i) Center Shutter Fixed: center shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mmof 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	6691
861	MAT01452	BMT-P.44	ii) Center Shutter Sliding: center shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	7231
862	MAT01453	BMT-P.45	iii) Center Fly mesh Shutter Sliding: Section for Fly mesh shutter frame should be of size 20mm x 40mm and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	7208
835 to 837			**ITEM DELETED**		
838		BMT-P.78	Providing and fixing factory made uPVC any colour casement/casementcum fixed **glazed windows** comprising of uPVC multichambered frame,sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from rollforming process of required length (shape & size according to uPVCprofile), uPVC extruded glazing beads of appropriate		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			dimension, EPDMgasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes and silicon sealant . **Note: For uPVC frame, sash and mullion extruded profiles minus 5%tolerancein dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.**		
867	MAT05444	BMT-P.78.A	Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame47 x 50mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window up to 2.50 sqm).	Sqm	7006
868	MAT05445	BMT-P.78.B	Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm , sash 67 x 80 mm &mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).	Sqm	7225
	MAT05446	BMT-P.79	Providing and fixing factory made uPVC any colour fixed **glazed windows / Ventilators** comprising of uPVC multi		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile),uPVC extruded glazing beads of appropriate dimension, EPDM gasket/TPV,G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes and silicon sealant. Note: For uPVC frame, sash and mullion extruded profiles minus 5%tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.		
869		BMT-P.79.A	Fixed windows / Ventilators made of (small series) frame 47 x 50mm & mullion 47 x 68 mm both having wall thickness of 1.9 ±0.2 mm and single glazing bead of appropriate dimension.	1 Sqm	6456
870		BMT-P.80	Providing and fixing factory-made uPVC any colour **sliding glazed window** up to 1.50 m in height imensioncomprising of uPVC multi chambered frame with in built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket/TPV, wool pile, zinc alloy (white		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes, wire mesh and silicon sealant . **Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.**		
871	MAT05447	BMT-P.80.A	Two track two panels sliding window made of (small series) frame 52 x 44 mm &sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window up to 1.75 sqm)	1 Sqm	6698
872	MAT05448	BMT-P.80.B	Three track three panels sliding window with fly proof SS wire mesh (Two nos. glazed & one no. wire mesh panels) made of (small series) frame 92 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension (Area of window up to 1.75 sqm).	1 Sqm	9000
873	MAT05449	BMT-P.80.C	Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm	1 Sqm	6960

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			upto 2.50 sqm).		
874	MAT05450	BMT-P.81	Providing and fixing factory made uPVC any colour **sliding glazed window** above 1.50 m in height dimension comprising of uPVC multichambered frame with inbuilt roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVCextruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket/TPV, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless-steel (SS 304 grade) body with adjustable double nylon rollers (weightbearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge inclusive of cost of Single / double glass panes, wire mesh and silicon sealant . **Two track two panels sliding window** made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above2.50 sqm up to 4.00 sqm.) **Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be**	1 Sqm	7484

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.		
		BMT-P.82	Double Skin powder coatedGI openable/casement single rebate Windows with 5mm thick Polycarbonate sheet SIZE OF WINDOW 1.50 M X 1.35M (three openable shutters) Providing and fixing of powder coated Openable/Casement GI Window of size 1.50mx1.35m (three openable shutters). Window frame having two horizontals & four verticals (Base steel as per IS513 of 0.60mm thick galvanized as per IS 277withZinc of 120 GSM), powder coated paint of 60-65microns(DFT) thick and section for double Skin outer frame of 80 mm x 65 mm x 0.6mm thick including architrave of 20mm,centre mullions of 80mm x 60mm x 0.6mm thick and section for Double Skin shutter of 52mm x25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter and the sections cut to length metre joined with corner bracket, center mullion fixed with mullion cap, shutter with 5mmthick Polycarbonate Solid clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) with EPDM rubber gaskets including fixing the frames in concrete/masonry wall by means of self-expanding screws, Including 10mm Square guard bars with 14Nos horizontals & two verticals, beading section size of 9 x12mm to be provided in shutter for Polycarbonate sheet holding, including infill material of polyurethane foam (PUF) and all fixers like 100mm long SS handle -3 Nos, 125mm long SS tower bolts 6Nos, 75mm long SS ball bearing butt Hinges-9Nos, 200mm long SS latch type window stopper -3Nos (all fixers should be stainless steel 304 grade) including all stiffeners ,supporting plates, SS 304 screws, Nylon caps, EPDM rubber gasket etc., complete for finished item of work. and including cost & conveyance of all materials and all labour charges like loading, unloading, and fixing of powder coated Galvanized Steel Window etc., complete for finished item of work. Window Frame: Frame having four verticals & two horizontals, alround frame section of size;80mmx65mm x 0.6mm thick including architrave of 20mm and center mullions section of size; 80mmx60mm x0.6mm	1 Sqm	13065

			thick. (2Nos), with single rebate. Shutters (3 Nos): Shutter section of size 52mm x25 mm x 0.6 mm thick with 5mm thick Polycarbonate Solid Clear UV resistant sheet of reputed make (UV stabilized, transparent & solid section) Infill Material: polyurethane foam (PUF) Grill : Grill having 14 Nos of 10mm sq rods (horizontals) and 2Nos of 10mm Sq rods (verticals), 10mm sq rods should be inserted into outer frame & center mullions as directed by the Engineering in charge, Fixers: 100mm long SS handle 3 Nos, 125mm long SS tower bolts6 Nos, 75mm long SS ball bearing butt Hinges 9 Nos, 200mm long SS latch type window stopper 3 Nos Note ; all fixers should be stainless steel 304 Shall confirm to the BIS codes: IS 1038:1983: Steel doors and windows, IS 4351:2003: Steel Door and window shutters, IS 13871:1993: Powder coating, IS 277: Galvanized Steel Sheets, IS 513: Cold reduced low carbon steel sheets IS ; 1081: Fixing and glazing of Steel Doors and Windows, IS 14443 (1997): Polycarbonate sheets and all other relevant codes of BIS. This Item shall carry a warranty period of 5 (Five) Years from the date of.		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

		III.SUB SECTION	**VENTILLATORS**		
			Providing and fixing of **top hung Ventilators** made of prepainted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
875	MAT01464	BMT-P.56	Single openable ventilator shutter size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	7024
876	MAT01465	BMT-P.57	Double openable ventilator shutter Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 80 x 45mm,shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	7024
877	MAT01466	BMT-P.58	Double openable fix shutter size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size of 80 x 45mm , shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm	1 sqm	7024

878	MAT01467	BMT-P.59	Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm	1 sqm	4832
879	MAT01468	BMT-P.60	Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm	1 sqm	4832
880	MAT01469	BMT-P.61	Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm	1 sqm	4602
			Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
			Providing and fixing of **top hung Ventilator with fly mesh** made of pre painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and flyshutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
881	MAT01470	BMT-P.62	Single openable ventilator shutter window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 100 x 45mm, Glazed and flymesh shutter frame section size of 52 x 25mm thick	1 sqm	8658
882	MAT01471	BMT-P.63	Double openable ventilator shutter window Size of 4' 0" x 2' 0" (1219.2mmx 609.6mm) outer frame section size of 100 x 45mm, Glazed and flymesh	1 sqm	8658

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			shutter frame section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm		
883	MAT01472	BMT-P.64	Double openable fix shutter window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size 100 x 45mm , Glazed and flymesh shutter frame section size 52 x 25 mm ,Vertical mullion section size of 100 x 60 mm	1 sqm	8016
884	MAT01473	BMT-P.65	Single fixed Louvers Ventilator window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 100 x 45mm, flymesh shutter frame section size 52 x 25 mm	1 sqm	5779
885	MAT01474	BMT-P.66	Double fixed Louvers ventilator window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 100 x 45mm, flymesh shutter frame section size 52 x 25 mm, vertical mullion section size of 100 x 60 mm	1 sqm	5779
886	MAT01475	BMT-P.67	Double fixed Louvers Ventilator window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size 100 x 45mm , flymesh shutter frame section size 52 x 25 mm Vertical mullion section size of 100 x 60 mm	1 sqm	5779
			Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish		
			Supplying and fixing of Top Hung Ventilators made of pre painted steel (base steel as per IS 513 of 0.58 mm thick 'D" quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 46 x 52 mm section and for shutter of 46 x 46 mm section for mullion 46 x 70 mm, The Ventilator to be panelled 4 mm pinhead glass with Ethyl propylene Diamine monomer Gasket (EPDM) and the sections cut to length mitre joined with corner brocket mullions fixed using mullion cap and with handle made of high grade aluminium powder coated and nylon receiver, corner brackets made of CRCA with Zinc Phosphate, Mullion caps made of glass filled nylon, frames fixed to the concrete /masonry		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			wall by means of self expanding screws including 10 mm square guard bars with 6" pitch complete for finished item of work.		
887	MAT01418	BMT-P.10	Ventilators: Top Hung 2 '0" x 2'0" (609.6x609.6mm) outer frame section size of 46mm x 52 mm shutter frame section size of 46mm x 46 mm	1 Sqm	7747
888	MAT01419	BMT-P.11	Ventilators: Top Hung 4 '0" x 2'0" (1219.2x609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	7747
889	MAT01420	BMT-P.12	Ventilators: Top Hung 4'0"x 3'0" (1219.2x914.4mm) outer frame section size of 46 x 52m m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	7747
			Supplying and fixing of Fixed Louvered Ventilators made of pre painted steel (base steel as per IS 513 of 0.58 mm thick 'D" quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, The section for louvered ventilators should be of of 33 x 56 mm Box section paneled with 4 mm pinhead glass with Ethyl propylene Diamine monomer Gasket (EPDM) and the sections cut to length mitre joined with corner bracket . corner brackets made of CRCA with Zinc Phosphate. The frames to be fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars with 6" pitch complete for finished item of work.		
890	MAT01421	BMT-P.13	Ventilators: Fixed louvers 2'0" x 2'0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 56 mm	1 Sqm	5115
891	MAT01422	BMT-P.14	Ventilators: Fixed louvers 4'0" x 2'0" (1219.2 x 609.6 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	5115
892	MAT01423	BMT-P.15	Ventilators: Fixed louvers 4'0" x 3'0" (1219.2 x 914.4 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	5115

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
	New Item	BMT-P.83	Providing and fixing in position factory-made washroom ventilator , fabricated from galvanized steel sections, complete with ventilator frame, louver system, bright bars, all fittings, fixtures, fasteners, and accessories. The ventilator frame shall be manufactured from 1.0 mm thick galvanized plain skin pass (GPSP) sheet conforming to IS 513 'D' quality and IS 277 with minimum 120 GSM zinc coating, roll-formed into closed box profile, mitred at corners and mechanically assembled using corner brackets and self-expanding screws. The ventilator glass panels fixed using PVC plastic components. The glazing shall be done with Clear Glass / Pinhead Glass of approved thickness minimum 4 mm. The ventilator shall be provided with 10 mm square bright steel bars fixed at a pitch of 6 inches (150 mm c/c) on the inside for safety and security. washroom ventilator with above specifications finished with polyester powder coating of minimum 60 microns of approved RAL colours and shades all complete as per manufacturer's specifications and as per direction of the Engineer-in-charge	Sqm	10534
865 to 868		BMT-P.68 to P.75	**ITEMS DELETED**		

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

893	MAT01488	BMT-P.77	Providing and fixing 3 Track 3 Shutter Pre painted Steel sliding Window/Door fabricated from roll formed sections made of Galvanized steel colour coated /powder coated (Base Steel as per IS 513 'D' quality galvanized as per IS 277 with Zinc of 120 Gms./ Sq.mtr) with total coated thickness of 0.58mm. Primer Coat with epoxy primer of 5-7 microns thick, finished paint with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick. The External Section for Three Track Three Sliding Shutter should be of 44 x 107mm with a provision for bottom track insert profile of 10x9 mm made of aluminium. Section for Window glass shutter should be of 35x49mm, Section for Window Euro groove should be of 25x24mm made of plastic to accommodate standard accessories, and section for window lap strip should be of 21x4mm made of plastic. Section for Mesh Shutter should be of 35x49mm. Section for Door shutter should be of 35x67mm, Section for Door Euro Groove 25x31mm made of plastic to accommodate standard accessories and size of lap strip should be of 39x41mm. The Window/Door to be panelled with 5mm thick plain float glass. The gaskets are to be made of Ethyl Propylene Diamine Manomer [EPDM]. Corner Brackets for internal and external frame to be made of glass filled nylon. Touch lock to be provided for Window Shutter. Sections are to be cut to length, joined and assembled by means of corner brackets. The above frame to be fixed to Brick/Concrete masonry by using Nylon selfexpanding caps and driving MS electroplated 80mm screws into the caps through frames. The Grill for safety for windows to be made of 10mm thick square rod bars with 152mm pitch for complete item of work . For Door there will be no Safety Grill including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site complete for finished item of work.	1 Sqm	**8253**

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
Q.SECTION			**STRUCTURAL GLAZING**		
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
		I.SUB SECTION	**FIXED GLAZING**		
894	MAT01496	BMT-Q.08	**ITEM DELETED**		
895	MAT01497	BMT-Q.09	**ITEM DELETED**		
II.SUB SECTION			**STRUCTURAL GLAZING**		
896	MAT01489	BMT-Q.01	Providing and fixing **Structural Glazing** fabricated from Roll formed sections made of Prepainted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick galvanised steel section as stiffeners inside the colour coated steel powder coated sections as per the design requirement & calculations to suit wind pressures as given in IS: 875, the primer coat with epoxy primer of 5 – 7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the vertical section of 50 mm x 99 mm x 0.72 mm, 33 mm x 56 mm x 0.72 mm for frame horizontal section, stiffener section of 47 mm x 97 mm x 1 mm, cover profiles sections of 20 mm x 58 mm x 0.58 mm, glass holding section of 37 mm x 37 mm & 37 mm x 18 mm including fixing 5mm thick Ocean Blue reflective glass, brackets made of CRCA powder coated/Electroplated to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement and gasket made of Ethyl Propylene Diamine Monomer, U.V. resistant silicon sealant including fixing in concrete/masonry wall with self expanding cap & screws inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges complete for finished item of work.	1 Sqm	7978

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
897	MAT01490	BMT-Q.02	Providing and fixing Top Hung shutters in **Structural Glazing** fabricated from Roll formed sections made of Pre painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick, duly providing stiffeners inside the colour coated steel/powder coated sections as per the design requirement, calculations to suit wind pressures as given in IS 875 and primer coat with epoxy primer of 5-7 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the outer frame of 20 mm x 58 mm x 0.58 mm, shutter sections of 57 mm x 33 mm x 0.72 mm, stiffener sections of 55 mm x 31 mm x 1mm, hinges – 2 Nos for each shutter and aluminium Stays – 2 Nos. for each shutter, aluminium Handle – 1 no. for each shutter including cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges etc for finished item of work	1 Sqm	6374
III SUB SECTION			**CURTAIN WALLING**		
898	MAT01491	BMT-Q.03	Supplying and fixing of **curtain Glazing** made of pre painted steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12 16 microns thick and back coated with 5-7 microns thick alkyd backer using the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with Ethyl Propylene diameine Monomer (EPDM) gaskets and the sections cut to length, mitre joined with corner bracket, centre mullions fixed suing mullion cap inluding handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the	1 Sqm	6620

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item. Fixed Glazing 2'0" x 2'0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm		
903	MAT01492	BMT-Q.04	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 2'0" x 3'0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	6374
904	MAT01493	BMT-Q.05	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'0" x 3'0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	5179
905	MAT01494	BMT-Q.06	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'0" x 4'0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 Sqm	5179
906	MAT01495	BMT-Q.07	**ITEM DELETED**		
S.SECTION			**DISMANTLING clearing away and carefully stacking materials useful forreuse.**		
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908	MAT01498	BMT-S.01	Stone masonry in cement mortar	1 Cum	606
909	MAT01499	BMT-S.02	Terracing work in roofs or floors	10 Sqm	256
910	MAT01500	BMT-S.03	Flat stones in roof or floors including lifting	10 Sqm	222
911	MAT01501	BMT-S.04	Pan tiled or Mangalore tiled roof without roof timbers.	10 Sqm	186
912	MAT01502	BMT-S.05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	222
913	MAT01503	BMT-S.06	Wrought and framed timber in roofs or floors	1 Cum	321
914	MAT01504	BMT-S.07	Old lime mortar plaster	10 Sqm	73
915	MAT01505	BMT-S.08	Old cement mortar plaster	10 Sqm	91
916	MAT01506	BMT-S.09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	110
917	MAT01507	BMT-S.10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	80
918	MAT01508	BMT-S.11	Kadapa slabs or Shahabad stone slabs	10	103

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
			flooring on sand bed	Sqm	
919	MAT01509	BMT-S.12	Through scraping of old plastered surface	10 Sqm	67
920	MAT01510	BMT-S.13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	10 Sqm	21
921	MAT01511	BMT-S.14	clean removal of lime plaster from walls and raking out joints 20mm deep or from terraced roof and raking out joints 100 mm deep	10 Sqm	67
922	MAT01512	BMT-S.15	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	82
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
T.SECTION			**READY MIX CONCRETE**		**DELETED**
U.SECTION			**EXPANSION JOINT FILLERS**		
923	MAT01513	BMT-U.01	Supply of high performance expansion joint filler board conforming to M.O.S.T 18 mm THICK	1 Sqm	420
924	MAT01514	BMT-U.02	Supply of high performance expansion joint filler board conforming to M.O.S.T 20 mm THICK	1 Sqm	583
925	MAT01515	BMT-U.03	Supply of high performance expansion joint filler board conforming to M.O.S.T 25 mm THICK	1 Sqm	810
926	MAT01516	BMT-U.04	Supply of expansion joint filler board for buildings, columns, beams and slabs 20 mm THICK	1 Sqm	305
927	MAT01517	BMT-U.05	Supply of expansion joint filler board for buildings, columns, beams and slabs 25 mm THICK	1 Sqm	376
928	MAT01518	BMT-U.06	Supply of expansion joint filler board for buildings, columns, beams and slabs 50 mm THICK	1 Sqm	757
929	MAT01519	BMT-U.07	Supply of back up to cold applied sealant in construction and longitudinal joint 10 mm OD	1 RM	14
930	MAT01520	BMT-U.08	Supply of back up to cold applied sealant in construction and longitudinal joint 12 mm OD	1 RM	16
931	MAT01521	BMT-U.09	Supply of back up to cold applied sealant in construction and longitudinal joint 15 mm OD	1 RM	18
932	MAT01522	BMT-U.10	Supply of back up to cold applied sealant in construction and longitudinal joint 20 mm OD	1 RM	25
933	MAT01523	BMT-U.11	Supply of back up to cold applied sealant in construction and longitudinal	1 RM	31

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			joint 25 mm OD		
V.SECTION			**LABOUR CHARGES**		
934	MAT01524	BMM-V.01	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Other than sandy soil 0.0 M to 1.0 M	1 cum	360
935	MAT01525	BMM-V.02	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Other than sandy soil 1.0 M to 2.0 M	1 cum	425
936	MAT01526	BMM-V.03	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Other than sandy soil 2.0 M to 3.0 M	1 cum	495
937	MAT01527	BMM-V.04	Bailing out water for earth work excavation / for concrete foundation below water level. (For building items only) Sandy soil 0.0 M to 1.0 M	1 cum	570
938	MAT01528	BMM-V.05	Bailing out water for earth work excavation /for concrete foundation below water level. (For building items only) Sandy soil 1.0 M to 2.0 M	1 cum	884
939	MAT01529	BMM-V.06	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Sandy soil 2.0 M to 3.0 M	1 cum	1068
940	LAB00418	BMM-V.07	Labour charges for making, fabricating office furniture, racks, workstation furniture, cupboard shutters with ply wood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	897
941	LAB00419	BMM-V.08	Labour charges for making, fabricating kitchen furniture, cupboards with shutters, box cupboards, box racks, with plywood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	1370

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
942	LAB00503	BMM-V.09	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	156
943	LAB00504	BMM-V.10	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	472
944	LAB00505	BMM-V.11	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	612
945	LAB00506	BMM-V.12	Machine Cutting charges for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	26
946	LAB00507	BMM-V.13	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	75
947	LAB00420	BMM-V.14	Labour charges for fabricating steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows including cost of welding rods, power charges, excluding cost of fixing in position	1 Kg	41
948	LAB00421	BMM-V.15	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	8
949	LAB00422	BMM-V.16	Labour charges for fabricating all heavy steel works like Trusses, Stanchions, Heavy Beams and Girders including cost of welding rods, power charges, etc excluding cost of fixing in position	1 Kg	36
950	LAB00423	BMM-V.17	Labour charges for fixing heavy iron grills, Trusses, Stanchions, Heavy Beams and Girders erecting in position and fixing by using chain pulley blocks, Derek pole arrangements and cranes etc., complete in position	1 Kg	31
951	LAB00424	BMM-V.18	Labour charges for Fabrication of stainless steel railing works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 Kg	195
952	LAB00425	BMM-V.19	Labour charges for Fabrication of stainless steel sheet cladding works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 sqm	2602
953	LAB00426	BMM-V.20	Labour charges for Glass designing works on any thickness of Glass including fixing at site Etching works	1 Sqm	1416

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
954	LAB00427	BMM-V.21	Labour charges for Glass designing works on any thickness of Glass including fixing at site Reverse Etching work	1 Sqm	1751
955	LAB00428	BMM-V.22	Labour charges for Glass designing works on any thickness of Glass including fixing at site Acid wash works	1 Sqm	2188
956	LAB00429	BMM-V.23	Labour charges for fixing Flush door shutters of any thickness to the existing door frame including fixing the fixtures to the door shutter excluding cost of shutter	1 Sqm	568
957	LAB00430	BMM-V.24	Labour charges for fixing glass panes of any thickness to the existing door / window panes including fixing the beading excluding cost of beading	1 Sqm	425
958	LAB00431	BMM-V.25	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Fully panelled doors external or internal including frame	1 sqm	2327
959	LAB00432	BMM-V.26	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Glazed and panelled doors including fixing glass including frame	1 sqm	2199
960	LAB00433	BMM-V.27	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Framed and planked doors including frame	1 sqm	1928
961	LAB00434	BMM-V.28	charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Ledged, braced and planked doors including frame	1 sqm	1524
962	LAB00435	BMM-V.29	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Flush type door shutter including frame	1 sqm	1164
963	LAB00436	BMM-V.30	Labour charges for wrought and put up including fixing in position frames of any	1 sqm	1489

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows glazed including outer frame and shutter frame		
964	LAB00437	BMM-V.31	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows panelled including outer frame and shutter frame	1 sqm	2244
965	LAB00438	BMM-V.32	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows ledged, braced and planked including outer frame	1 sqm	1532
966	LAB00439	BMM-V.33	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Windows framed and planked including outer frame and shutter frame	1 sqm	1833
967	LAB00440	BMM-V.34	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Ventilators glazed, fixed with double frame with wire netting including frame	1 sqm	1234
968	LAB00441	BMM-V.35	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Swing ventilators glazed including outer frame and shutter frame	1 sqm	1560
969	LAB00442	BMM-V.36	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Teak wood Weld mesh doors and windows including outer frame and shutter frame	1 sqm	932
970	LAB00443	BMM-V.37	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary	1 sqm	1022

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
			fixtures etc. for Teak wood G.I or .AC sheet door & windows including outer frame and shutter frame		
971	LAB00444	BMM-V.38	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Fully panelled doors external or internal including frame	1 sqm	2291
972	LAB00445	BMM-V.39	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Glazed and panelled doors including fixing glass including frame	1 sqm	2152
973	LAB00446	BMM-V.40	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Framed and planked doors including frame	1 sqm	2056
974	LAB00447	BMM-V.41	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Ledged, braced and planked doors including frame	1 sqm	1784
975	LAB00448	BMM-V.42	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Flush type door shutter including frame	1 sqm	1396
976	LAB00449	BMM-V.43	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows glazed including outer frame and shutter frame	1 sqm	1117
977	LAB00450	BMM-V.44	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows panelled including outer frame and shutter frame	1 sqm	1393

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
978	LAB00451	BMM-V.45	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows ledged, braced and planked including outer frame	1 sqm	2076
979	LAB00452	BMM-V.46	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Windows framed and planked including outer frame and shutter frame	1 sqm	1418
980	LAB00453	BMM-V.47	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Ventilators glazed, fixed with double frame with wire netting including frame	1 sqm	1693
981	LAB00454	BMM-V.48	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Swing ventilators glazed including outer frame and shutter frame	1 sqm	1200
982	LAB00455	BMM-V.49	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood Weld mesh doors and windows including outer frame and shutter frame	1 sqm	1500
983	LAB00456	BMM-V.50	Labour charges for wrought and put up including fixing in position frames of any size, shutters for doors, windows, ventilators including fixing all necessary fixtures etc. for Other than teakwood G.I or .AC sheet door & windows including outer frame and shutter frame	1 sqm	344
984	LAB00508	BMM-V.51	Grooves 2-3 mm	1 Rm	86
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
W.SECTION			**MISCELLANEOUS ITEMS**		
986	MAT01575	BMS-W.01	Supplying Aluminium anodised Sections for Doors, partitions, windows, Ventilators (including annodization cost)	1 Kg	374
987	MAT01576	BMS-W.02	Sun Control film to the glazed windows partition including labour charges.	1 sqm	382

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
987	MAT01577	BMS-W.03	Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 sqm	382
988	MAT01578	BMS-W.04	Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 sqm	973
989	MAT01579	BMS-W.05	Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 sqm	926
990	MAT01580	BMS-W.06	Rubber Beading	1 RM	1572
991	MAT01581	BMS-W.09	Chlorpyriphos/ Lindane emulsifiable concentrate of 20%	1 Litre	4
992	MAT01582	BMS-W.10	Soft Brush	Each	265
993	MAT01583	BMS-W.11	Wire Brush	Each	173
994	MAT01584	BMS-W.12	Supplying and fixing **aluminium composite cladding with skin material 0.25 mm thick aluminium sheet** cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding **3 mm thk**	1 Sqm	39
995	MAT01585	BMS-W.13	Supplying and fixing **aluminium composite cladding with skin material 0.25 mm thick aluminium sheet** cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding **4 mm thk**	1 Sqm	2667
996	MAT01586	BMS-W.14	Supplying and fixing **aluminium composite cladding with skin material 0.5 mm thick aluminium sheet** cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats,	1 Sqm	3263

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, ACP Cladding **4 mm thk**		
997	MAT01587	BMS-W.15	CEMENT JALI 25 mm thick	1 sqm	242
998	MAT01588	BMS-W.16	CEMENT JALI 40 mm thick	1 sqm	314
999	MAT01589	BMS-W.17	CEMENT JALI 50 mm thick	1 sqm	431
1000	MAT01590	BMS-W.18	Aluminium sheet 24 Gauge	1 Sqm	313
1001	MAT01591	BMS-W.19	7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/Sqm.	1 Sqm	1146
1002	MAT01592	BMS-W.20	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1" (25.4 mm) thick	1 Sqm	1023
1003	MAT01593	BMS-W.21	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm) thick	1 Sqm	586
1004			Supply of hot pressed compression moulded sign plates for making road signs ass per the approved dimensions of National Highway Authority Of India, complete, for finished item of work.		
1005	MAT01594	BMS-W.22	Circular sign plate Dia 400mm.	Each.	595
1006	MAT01595	BMS-W.23	Circular sign plate Dia 600mm.	Each.	1564
1007	MAT01596	BMS-W.24	Circular sing plate Dia 870mm	Each.	3135
1008	MAT01597	BMS-W.25	Triangular sign plate 600mm.	Each.	803
1009	MAT01598	BMS-W.26	Triangular sign plate 900mm.	Each.	1814
1010	MAT01599	BMS-W.27	Square sign plate 600mm.	Each.	1455
1011	MAT01600	BMS-W.28	Square sign plate 1000mm.	Each.	5398
1012	MAT01601	BMS-W.29	**ITEM DELETED**		
			Design, fabrication & supply of light weight pre engineered buildings for a maximum span of 9 metres with 50 x 50 x 2.8 mm M.S hollow square tubes for columns, trusses & purlins walls with sandwich panels made up of 2 Nos 10mm thick cement bonded particle/ Fiber boards with 25mm thick 12 kg/cum density expanded polystyrene in between encased in 1.25 mm thick 24x7x26 mm 'W' tracks in bottom & top and 'H' section for sides with doors,		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			windows & ventilators, roofing with 26 gauge pre painted profiled sheets fixed with self tapping/ drilling screws, painting with enamel paint for steel items, OBD for interiors and ace for exteriors & providing base plates, templates & anchor bolts along with civil foundation designs & drawings for the finished item of work		
1013	MAT01602	BMS-W.30	Steel Structure: Structure is made up of 50x50X 2.8 mm/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purloins. Columns	1 RM	443
1014	MAT01603	BMS-W.33	Sandwich panels: Sandwich panels of 50 mm thick with 25 mm thermocol of 12 kg / cum, fixed in between 2 Nos 10 mm cement bonded wood particle / Fiber boards properly fixed together with 30 mmx30mmx30mm wood pieces along width & length wherever necessary	1 Sqm	1598
1015	MAT01604	BMS-W.34	U' Tracks & 'H' Section: Bottom & Top 'U' Tracks are made of 1.25 mm thick 120 GSM G.I. Sheet of size 24x51x26 mm size.	1 RM	173
1016	MAT01605	BMS-W.35	Fabricated 'H' sections are made up of 2 Nos 1.25 mm thick C.R. Of 40 mm width for flanges and 1 Nos of 2 mm thick C.R. of 50 mm width plate for web. will be used	1 RM	249
1017	MAT01606	BMS-W.36	Sandwich Panel joinery is made up of couplers or equivalent made from 0.6 mm G.I. roll formed section to hold 2 Nos of 10 mm board on both sides with 25 mm thermocol in between.	1RM	285
1018	MAT01607	BMS-W.37	Window: windows are made up of 51 x51 mm step 'U' section made from 1.25 thick MS Cold rolled Steel Sheet and Windows Shutters & Grill are made of 48x25mm mm size pre painted section with 4 mm glass complete with necessary hardware. Grills are made from 8 mm square rod at 100 mm spacing.	1 Sqm	5128
1019	MAT01608	BMS-W.38	Door Frames :51 X 51 Stepped ' U' section made from 1.25 mm thick C.R. section with a 32 mm rebate for 30 mm flush door and Door Shutters with 30 mm thick block board / flush doors with boiling water proof plywood complete with necessary Hard ware.	1 Sqm	4675
1020	MAT01609	BMS-W.39	Ventilators: Ventilators are made of	1	

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			51x51 mm step 'U' section made From 1.25 mm thick C.R. sheet with fixed louvers and glass.	Sqm	5230
1021	MAT01610	BMS-W.40	Painting:1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	140
1022	MAT01611	BMS-W.41	2) Exterior walls are painted with one coast of primer and 2 coats of exterior emulsion paint .	1 Sqm	125
1023	MAT01612	BMS-W.42	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	105
1024	MAT01613	BMS-W.43	Toilets: Toilets are provided as per plan with a provision for fixing the wash basin, W.C. etc only is made with M.S. steel section secured to the walls with toilet bracket provision excluding cost of WC/ Wash basin etc	Each	1216
1025	MAT01614	BMS-W.44	Sun shades: Sun shades will be provided wherever necessary with 300 mm more than the width of window. 25x25 mm angle frame to cover 450 mm in the front and the sides. 10mm cement bonded particle board will be fixed on the frame work and sealed with green paste or equivalent.	Each	4097
1026	MAT01615	BMS-W.45	Roofing: Roofing will be provided with 0.5mm thick galvanized / pre painted G.I. profiled sheets fixed to the purlins with 14 size self drilling screws with neoprene washer. Side laps are stitched with self tapping / drilling screws. End laps are to be sealed with 25x3 mm Butyl tape. The sheets are provided with anti capillary grove.	1 Sqm	926
1027	MAT01617	BMS-W.47	Preparing gabions with jungle wood	Each	5
1028	MAT01618	BMS-W.48	Planting plants	Each	4
1029	MAT01619	BMS-W.49	Pruning plants	Each	5
1030	MAT01620	BMS-W.50	Maintaining avenues including fencing, weeding, mulching, watering etc per plant.	Each	10
1031	MAT01621	BMS-W.51	do When scattered in hot weather with extra conveyance from March to June	Each	11
1032	MAT01622	BMS-W.52	Hoisting or lowering of slab	1 cum	145
1033	MAT01623	BMS-W.53	Dressing faces of granite stone (double line dressing)	1 Sqm	237
1034	MAT01624	BMS-W.54	Dressing faces of other than granite	1	149

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			stone(double line dressing)	Sqm	
1035	MAT01625	BMS-W.55	Supply of Prepainted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: AluZinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	451
1036	MAT01626	BMS-W.56	Supply of Prepainted Galvalume Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: AluZinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	424
1037	MAT01627	BMS-W.57	Supply of Prepainted Galvanized Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	346
1038	MAT01628	BMS-W.58	Supply of Prepainted Galvanized Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	346
1039	MAT01629	BMS-W.59	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L Flashing, Down Pipes, Gutter etc., with 0.50mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	309
1040	MAT01630	BMS-W.60	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L Flashing, Down Pipes, Gutter etc., with 0.47mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	281

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
1041	MAT01631	BMS-W.61	75 mm long screws	1 Each	6
1042	MAT01632	BMS-W.62	G.I scam bolts & nuts	1 Each	8
1043	MAT01633	BMS-W.63	G.I bolts & nuts	1 Each	8
1044	MAT01634	BMS-W.64	G.I 'J' bolts 8 mm dia	1 Each	13
1045	MAT01635	BMS-W.65	G.I Washers	1 Each	4
1046	MAT01636	BMS-W.66	Limpet washers (for scam & 'J' bolts)	1 Each	4
1047	MAT01637	BMS-W.67	Bitumen washers	1 Each	4
1048	MAT01638	BMS-W.68	White Cement	1 Kg	35
1049	MAT01639	BMS-W.69	MS Z Hold fasts 300 mm long of 40 x40 x 5 mm ISA	1 Each	44
1050	MAT01640	BMS-W.70	Rubber/ Nylon door stop bushes	1 Each	13
1051	MAT01641	BMS-W.71	Nylon rollers for sliding glasses/ alluminium windows	1 Each	20
1052	MAT01642	BMS-W.72	Powder coating or colour anodization any section	1 RM	60
1053	MAT01643	BMS-W.73	Continuous Piano Hinges Powder coated Mild steel as per IS3818 : 1992of nominal size 25 mm (B) of thickness 0.8 to 1.0 mm	1 RM	44
1054	MAT01644	BMS-W.74	Box hinges for cup boards	1 Each	54
1055	MAT01645	BMS-W.75	Magnetic Catchers	1 Each	20
1056	MAT01646	BMS-W.76	Drilling holes in hard rock surfaces up to 18mm dia	1 RM	244
1057	MAT01647	BMS-W.77	Drilling holes in hard rock above 18mmdia	1 RM	340
1058	MAT01648	BMS-W.78	Making holes up to 18mm dia in RCC/any stones up to 50 mm thick	1 Each	42
1059	MAT01649	BMS-W.79	Making holes above 18mm dia in RCC/any stones above 50 mm thick	1 Each	58
1060	MAT01650	BMS-W.80	Pressure grouting the drilled holes with neat cement slurry or with approved epoxy bonding agent using pump	1 Each	59
1061	MAT01651	BMS-W.81	**ITEM DELETED**		
1062	MAT01652	BMS-W.82	**ITEM DELETED**		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			CASURINA BALLIES / STEEL BARRICADING		
1063	LAB00552	BMS-W.83	Fixing steel barricading with MS Angle Iron Pegs and GI Pipes with nuts & bolts duly excavating pits and its removal after the function is over including transporting of the entire barricading materials from the Divisional stores to the barricading site duly engaging labour to load, transport and unload the materials at barricading site & as per the schedule given by the departmental authorities and loading back into the trucks, unloading at Divisional stores, accounting for the received materials, labour for loading, unloading, fixing, handling etc, complete for finished item of work		
			2TIER (3 days)	1 RM	46
		BMS-W.84	Providing barricading arrangement with casurina ballies as per the design duly excavating pits and its removal after the function is over including hire charges of the barricading materials a sper the schedule given by the departmental authorities complete for finished item of work		
1064	LAB00553	BMS-W.84.A	2TIER (2 days)	1 RM	56
1065	LAB00554	BMS-W.84.B	2TIER (3 days)	1 RM	57
1066	LAB00555	BMS-W.84.C	2TIER (4 days)	1 RM	57
1067	LAB00556	BMS-W.84.D	3TIER (2 days)	1 RM	59
1068	LAB00557	BMS-W.84.E	3TIER (3 days)	1 RM	59
1069	LAB00558	BMS-W.84.F	3TIER (4 days)	1 RM	60
			Testing charges		
		BMS-W.85	**Coarse Aggregates**		
1070	LAB00559	BMS W.85.A	Gradation Test	1 No.	667
1071	LAB00560	BMS-W.85.B.	Aggregate Impact Value Test	1 No.	667
1072	LAB00561	BMS-W.85.C	Flakiness and Elongation Indices Tests	1 No.	777
1073	LAB00562	BMS-W.85.D	Water absorption Test	1 No.	613
1074	LAB00563	BMS-W.85.E	Abrasion Test	1 No.	946
1075	LAB00564	BMS-W.85.F	Specific Gravity Test	1 No.	667
		BMS-W.86	**Fine Aggregates**		
1076	LAB00565	BMS W.86.A	Sieve Analysis Test	1 No.	667

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
1077	LAB00566	BMS-W.86.B	Bulking & Moisture content	1 No.	667
1078	LAB00567	BMS-W.86.C	Specific Gravity Test	1 No.	667
		BMS-W.87	**Cement**		
1079	LAB00568	BMS-W.87.A	Fineness of cement Test	Each	667
1080	LAB00569	BMS-W.87.B	Initial & Final setting time of cement	Each	667
		BMS-W.88	**Bricks**		
1081	LAB00570	BMS-W.88.A	Compressive strength of Bricks	Each	389
1082	LAB00571	BMS-W.88.B	Water absorption Test for Brick	Each	613
		BMS-W.89	**Concrete**		
1083	LAB00572	BMS-W.89.A.	Compressive strength of concrete i.e Cube strength test	Each	389
1084	LAB00573	BMS-W.89.B	Design mix of one grade		17770
1085	LAB00574	BMS-W.89.C	Design mix of Two grades		28875
1086	LAB00575	BMS-W.89.D	Design mix of three grades		39980
1087	LAB00576	BMS-W.89.E	Design mix of four grades		47754
1088	LAB00577	BMS-W.89.F	Design mix of five grades		56639
			Steel		
1089	LAB00578	BMS-W.90	Tensile Strength of Each Dia 1 set (3 rods)	Each	777
		BMS-W.91	**Soils**		
1090	LAB00579	BMS-W.91.A	G.S.B Mix design	Each	5554
1091	LAB00580	BMS-W.91.B	W.M.M Mix design	Each	6776
1092	LAB00581	BMS-W.91.C	B.M Mix design	Each	8333
1093	LAB00582	BMS-W.91.D	SDBC/BC	Each	8996
1094	LAB00583	BMS-W.91.E	UD samples	Each	1999
1095	LAB00584	BMS-W.91.F	Soils MDD and CBR	Each	4108
		BMT-W.92	Providing, Supply and fixing factory made 18mm thick Sigle extruded NFC solid plain board Jaali, CNC (Computer numeric control) routed which are machine cut for duct/shaft covering, partitions and facades comprising of virgin polymer of k value 57 – 60 (suspension or mass grade), calcium carbonate and natural Fibers (wood powder / rice husk / wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 grams) having minimum density of 650 Kg/CBM, screw withdrawal strength of 1800 N (Face) and 900 N (edge), minimum compressive strength 40 MPA, modulus of elasticity 850 N/mm2 and resistance to spread of flame as per Class 1/A category	1 Sqm	2819

			with everlasting property of being termite/borer proof, water proof and flame retardant, smoke suppressant, to be fixed on MS (Mild steel) frame of 25mmx25mmx1.5mm square hollow box section including applying a priming coat of approved steel primer, placed at grid made at 1.0m x 1.0m or as per the requirement at site with necessary full body threaded star headed counter sunk SS screws or SS fasteners. The Work shall be carried out as per specification & drawings and as per direction of Engineer-In- Charge		
		BMT-W.93	Providing, Supply and fixing GreenPro certified and EPD verified Natural Fiber Composite (NFC) rafters of required size for duct/shaft, facade, building elevation, partitions, etc comprising of Natural Fibers derived from agri residuals like (wood powder / rice husk / wheat husk), non toxic natural minerals like calcium carbonate, fillers, processing additives, lubricants and heat stabilisers - bonded with Polyvinyl Chloride resin, having minimum density of 800 Kg/CBM, with everlasting property of being termite/borer proof, water proof and flame retardant, smoke suppressant, and fixing with proper frame using MS / Aluminium / GI square tube of approved size and thickness with support at every 800mm or lower as per the requirement depending upon the wind pressure and height of the building. The Work shall be carried out as per specification & drawings and as per direction of Engineer-In- Charge		
		A..	Plain Type Size 48mm x 98mm	1 RM	598
		B.	Textured Type Size 48mm x 98mm	1 RM	646
		Note: Item BMS-W.46 is removed in the section W and is brought as new item in the Section N as BMT-N.82.			
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X. SECTION			**MACHINERY CHARGES, HIRE CHARGES FOR CENTRING**		
1096	MAT01653	BMC-X.01	Machine charges of rubbing/ polishing floor	1 day	2420
1097	HIR00206	BMC-X.02	Power Saw Cutter Hand Operated Hire charges	1 Hr	146
1098	HIR00207	BMC-X.03	Power Drill Hand Operated Hire Charges	1 Hr	134
1099	MAT01656	BMC-X.04	Grinding Mortar (Spl Grinding)	1 day	1241
1100	MAT01657	BMC-X.05	Casuarina Balli Props 3" to 4" dia 12' 0" Height	Each	87
1101	MAT01658	BMC-X.06	Casuarina Balli Props 4" to 8" dia 20'	Each	139

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			0" Height		
1102	MAT01659	BMC-X.07	Wall Plate Brackets / beam bottom supports	Each	250
1103	MAT01660	BMC-X.08	Wedge Plate fixture	Each	14
1104	MAT01661	BMC-X.09	Runner beams of approximately 4" x 4" size	RM	491
1105	MAT01662	BMC-X.10	Steel Plates for form works	1 Sqm	1822
1106	MAT01663	BMC-X.11	Scaffolding Pipes & Centering accessories	1 Kg	142
1107	MAT01664	BMC-X.12	Scaffold Boards Bamboo scaffolds Bamboos 8'0" long	Each	154
1108	MAT01665	BMC-X.13	Hire charges for stationary Concrete pump conforming to IS 21573 Part1: 2006 to deliver the fresh green concrete	1 Hr	399
1109	MAT01666	BMC-X.14	Concrete delivery pipes conforming to IS 15947 Part I: 2012 to be connected to the pump to delivery point (150 mm Diameter) hire charges per 10 RM	1 Hr	6
		BMC-X.15	Providing rigid steel cup lock scaffolding system using steel pipes, adjustable Jack screw props, RHS spans, couplers, bracings and horizontal connecting members, supporting brackets, RHS span beams as per the approved scaffolding designs & plan and other accessories as per the IS Norms and stability calculations including hire charges for cup lock scaffolding pipes, RHS spans, runners, wooden members and cost and conveyance of all other consumable accessories, taxes etc complete for finished item of work **Note:** Centering & scaffolding charges for steel scaffolding with pipes, jack props, centering for unsupported heights of every 610 mm height above 3.66 M may be allowed at 16.666% more than the basic material hire charges and relevant labour charges of the applicable floor and item **For SHEAR WALLS, RCC WALLS, WATER TANK WALLS**		
			Centering charges for Deck Sheets 9 Ply 19 mm thick Plywood conforming to IS:303 BWR Grade ; Unsupported Height up to 3.66 M		1639

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			MS Cup lock System + Marine Grade Plywood shuttering		
			Centering charges with MS Steel Plate form work : Unsupported Height up to 3.66 M MS Cup lock System + MS Plate shuttering		1654
			Centering with Aluminum anodized sheets and sections conforming to IS: 11857 – 1986 : Unsupported Height up to 3.66 M MS Cup lock System + Aluminum Plate shuttering		1982
Y SECTION			**POST TENSIONING WORKS**		
1110		BMC-Y.01	Supply of Freyssinet type wedge action anchorage cone block, couplers, anchor heads and wedges of cast iron make shot blasting finish complete assembly of size 400 x 300 mm as per IS 1343 : 2012	1 No	2299
1111		BMC-Y.02	Supply of GI corrugated sheathing duct of 0.3mm thick of 90 mm size for installing the tendons for bonded post tensioning work as per IS 1343 : 2012	1 RM	61
1112		BMC-Y.03	Supply of HDPE grout hose with flanges for bonded post tensioning work as per IS 1343 : 2012	1 RM	37
1113		BMC-Y.04	Design and execution of post tensioning work, including supplying, laying of HT tendon strands, decoiling, the strands, cutting to the required lengths, laying of HT strands in sheathing (GI corrugated ducts 0.3mm thick) jointing with couplers and inserting the strands, profiling, fixing live end anchorages, making dead end anchorages, including flowering the strands, fixing tendon support bars, supervising the fixing of antibursting reinforcement, stressing the cables using hydraulic jack, end trimming, grouting the cables, with cement slurry, mixed with admixtures with required tools, plants, and machineries, and consumables etc., including all leads, lifts, coordination, with the post tensioning agency, preparation of drawings, obtaining approval from the Engineer-in-Charge with supply of approved grade tendons but excluding the cost of concrete, reinforcement steel, shuttering, anchors, sheathing duct etc.,	1 MT	229767

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S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
Z SECTION			**EXPANSION JOINTS**		
			Providing and fixing of expansion joint system related with floor location as per drawings and direction of EngineerIn Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor / floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to its components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's preengineered selfcentering arrangement that freely rotates / moves in all directions. The Self – centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer in Charge (Material shall confirm to ASTM 6063)		
		BMT-Z.01	Expansion Joint Floor joint 200mm wide	RM	7896
		BMT-Z.02	Expansion joint Floor joint 250mm wide	RM	9476
			Providing and fixing of expansion joint system related with wall joint (internal/ external) location as per drawings and direction of EngineerIn Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221 -02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multi		

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			cellular to facilitate movement. (Material shall confirm to ASTM 6063)		
		BMT-Z.03	Expansion joint wall joint 200mm wide	RM	3777
		BMT-Z.04	Expansion joint wall joint 250mm wide	RM	5294
			Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-in-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates as per ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments.The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's preengineered selfcentering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resists damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. Material shall confirm to ASTM 6063.		
		BMT-Z.05	Expansion joint Roof joint 200mm wide	RM	5861
		BMT-Z.06	Expansion joint Roof joint 250mm wide	RM	7377
<u>In short:</u> The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
AA SECTION			**ENERGY EFFICIENT ITEMS**		
SUBSECTION IX			**External wall insulation with Polyurethane foam (PUF) slab**		
		BMT-ZA.01	**Providing and fixing polyurethane foam (PUF) slab 40mm thick** average with PU slab density 36+/2 kg/m³ for external wall insulation including necessary polymerized plaster reinforced with glass Fiber mesh,	1sqm	1283

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
			epoxy based bonding adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete		
	SUBSECTION X		**External wall insulation with Polyurethane foam (PUF) spray**		
		BMT-ZA.02	Providing and fixing **cast in situ polyurethane foam (PUF) spray of 40mm / 50mm thick** with PU foam spray density 35+/-5 kg/m³ for external wall insulation including necessary adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges ,all taxes, cost of all materials, labour, HOM of machinery etc., complete	1sqm	1317
	SUBSECTION XI		**External wall insulation with Extruded Polystyrene (XPS) thermal insulation board**		
		BMT-ZA.03	Providing and fixing **Extruded Polystyrene (XPS) thermal insulating boards of 25mm thick** for external wall insulation including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM of machinery etc., complete	1sqm	514
		BMT-ZA.04	Providing and fixing **Extruded Polystyrene (XPS) thermal insulating boards of 50mm thick** for external wall insulation including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM of machinery etc., complete	1sqm	816
		BMT-ZA.05	Providing and fixing **Extruded Polystyrene (XPS) thermal insulating boards of 75mm thick** for external wall insulation including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM of machinery etc., complete	1sqm	1157
		BMT-ZA.06	Providing and fixing **Extruded Polystyrene (XPS) thermal insulating boards of 100mm thick** for external wall insulation including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM of machinery etc., complete	1sqm	1499
	SUBSECTION XII		**Cavity wall insulation with Glass Wool Slab**		
		BMT-ZA.07	Providing and fixing **polyurethane foam (PUF) spray with PU foam spray of 40mm thick** having density 35+/-5 kg/cum density for insulation of cavity wall with including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	643

S. No	CFMS code	Item Code	Description of item	Unit	Basic Rate for SoR 2026- 27 (Rs.)
1		2	3	4	5
		BMT-ZA.08	Providing and fixing **polyurethane foam (PUF) spray with PU foam spray of 50mm thick** having density 35+/-5 kg/cum density for insulation of cavity wall with including necessary fasteners etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	944
	SUBSECTION XIII		**Cavity wall with Glass Wool Slab**		
		BMT-ZA.09	Providing and fixing **glass wool slab of 12mm thick** resin bonded with density 48kg/ cum for insulation of cavity wall, fixed using GI wire 200 SWG, GI chicken mesh 12.50mm x 24 SWG including necessary crisscross GI wire mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	532
			Providing and fixing **glass wool slab of 25mm thick** resin bonded with density 48kg/ cum for insulation of cavity wall, fixed using GI wire 200 SWG, GI chicken mesh 12.50mm x 24 SWG including necessary crisscross GI wire mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	675
			Providing and fixing **glass wool slab of 50mm thick** resin bonded with density 48kg/ cum for insulation of cavity wall, fixed using GI wire 200 SWG, GI chicken mesh 12.50mm x 24 SWG including necessary crisscross GI wire mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	797
	SUBSECTION XIII		**Cavity wall with Rock Wool Slab**		
		BMT-ZA.10	Providing and fixing **rock wool slab resin bonded rock wool slab of 25mm thick** having density 36+/-5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	444
			Providing and fixing **rock wool slab resin bonded rock wool slab of 40mm thick** having density 36+/5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	476

			Providing and fixing **rock wool slab resin bonded rock wool slab of 50mm thick** having density 36+/-5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	496
			Providing and fixing **rock wool slab resin bonded rock wool slab of 65mm thick** having density 36+/-5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	530
			Providing and fixing **rock wool slab resin bonded rock wool slab of 75mm thick** having density 36+/-5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	551
			Providing and fixing **rock wool slab resin bonded rock wool slab of 100mm thick** having density 36+/-5 kg/cum for insulation of cavity wall with including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	787
SUBSECTION XIV			**Cavity wall insulation with Extruded Polystyrene (XPS)**		
		BMT-ZA.11	Providing and fixing e**xtruded polystyrene (XPS) 50mm thick** thermal insulating boards having density 36+/-5 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	1041
			Providing and fixing e**xtruded polystyrene (XPS) 60 mm thick** thermal insulating boards having density 36+/-5 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete	1sqm	1062
			Providing and fixing e**xtruded polystyrene (XPS) 70mm thick** thermal insulating boards having density 36+/5 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh,raw plugs, adhesive etc., complete with all lead and lift,	1sqm	1386

			transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM etc., complete		
		BMT-ZA.12	Providing and fixing **extruded polystyrene (XPS) 25mm thick** thermal insulating boards having dentity 32 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh, raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM complete.	1sqm	716
			Providing and fixing **extruded polystyrene (XPS) 50mm thick** thermal insulating boards having dentity 32 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh, raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM complete.	1sqm	1041
			Providing and fixing **extruded polystyrene (XPS) 75mm thick** thermal insulating boards having dentity 32 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh, raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM complete.	1sqm	1410
			Providing and fixing **extruded polystyrene (XPS) 100mm thick** thermal insulating boards having dentity 32 kg/cum for insulation of cavity wall including necessary crisscross GI wire, mesh, raw plugs, adhesive etc., complete with all lead and lift, transportation charges, loading unloading charges, all taxes, cost of all materials, labour, HOM complete.	1sqm	1777
SUBSECTION XVII			**Over deck insulation with polyurethane foam (PUF) slab**		
		BMT-ZA.13	40 mm thick with PU slab density 36+/-2 kg/m³ insulation for over	1sqm	365
		BMT-ZA.14	50 mm thick with PU slab density 36+/-2 kg/m³ insulation for over	1sqm	604
		BMT-ZA.15	60 mm thick with PU slab density 36+/-2 kg/m³ insulation for over	1sqm	859
		BMT-ZA.16	70 mm thick with PU slab density 36+/-2 kg/m³ insulation for over	1sqm	1109
SUBSECTION XVIII			**Over deck insulation with polyurethane foam (PUF) spray**		
		BMT-ZA.17	40mm thick with PU foam spray	1sqm	626
		BMT-ZA.19	60mm thick with PU foam spray	1sqm	1361
		BMT-ZA.20	70mm thick with PU foam spray	1sqm	1701

SUBSECTION XIX			**Over deck thermal insulation of roof with expanded Polystyrene (EPS**		
		BMT-ZA.21	Expanded polystyrene (EPS) 50mm thick	1sqm	591
		BMT-ZA.22	Expanded polystyrene (EPS) 70mm thick	1sqm	696
		BMT-ZA.23	Expanded polystyrene (EPS) 90mm thick	1sqm	769
		BMT-ZA.24	Expanded polystyrene (EPS) 110mm thick	1sqm	874
		BMT-ZA.25	Expanded polystyrene (EPS) 120mm thick	1sqm	928
SUBSECTION XX			**Over deck with glass wool slab**		
		BMT-ZA.26	Resin bonded glass wool slab 12 mm thick having density 48kgs/ m³	1sqm	981
		BMT-ZA.27	Resin bonded glass wool slab 25 mm thick having density 48kgs/ m³	1sqm	1123
		BMT-ZA.28	Resin bonded glass wool slab 50 mm thick having density 48kgs/ m³	1sqm	1246
SUBSECTION XXI			**Over deck insulation with rock wool slab**		
		BMT-ZA.28	25mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	634
		BMT-ZA.29	40mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	664
		BMT-ZA.30	50mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	682
		BMT-ZA.31	65mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	711
		BMT-ZA.32	75mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	736
		BMT-ZA.33	100mm resin bonded rock wool slab having density 48kgs/ m³	1sqm	792
SECTION AB			**PEB STRUCTURES**		
		BMT-ZB.01	Pre Engineered Building (PEB): Secondary members which includes Purlins, Girts, Edge Angle, etc. Members formed from Galvanized Coils of 275 GSM and will conform to the physical specifications of ASTM A572/ A572M (Grade 50) or equivalent and shall have a minimum yield strength of 345 MPA	1MT	81667
		BMT-ZB.02	Galvanized Roofing Deck sheets with 1mm thickness, Coating: Zinc coating Z125 / Z275/ Z 500 GSM. Yield Strength: E250. crest to crest width 130 mm length 12 meters : profile width 982mm and profile depth 44mm	1KG	135

			CR steel as per IS513 HR steel as per IS 1079 and Galvanized Steel as per IS 277		
		BMT-ZB.03	Labor charges for fixing Galvanized Roofing Deck sheets to structural beams and columns for laying RCC slab	1KG	6
		BMT-ZB.04	High Strength friction grip bolts of 8.8 Grade with electroplated & yellow passivation for PEB structure.	1KG	118
		BMT-ZB.05	Cost of Electroplating	1KG	20
		BMT-ZB.06	Cutting Cores in 125 mm thick RCC Slabs 75 mm dia.	Each	236
		BMT-ZB.07	Cutting Cores in 125 mm thick RCC Slabs 100 mm dia	Each	288
		BMT-ZB.08	Cutting Cores in 125 mm thick RCC Slabs 150 mm dia.	Each	367
		BMT-ZB.09	Labor charges for cutting & fixing Thermocol & Cement Bonded Board for Wrapping around PEB columns	1sqm	105
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					

1 All the items to be used on the works shall be of first quality & ISI marked wherever possible and as approved, workmanship shall be as approved by the Engineer Incharge of the work.
2 Supply Rates for all the materials are based on market rates excluding GST.
3 SSR Rates for Building items are purely for the guidance of the officers in preparation of estimates vide para.113 ofAPPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para.45 of APPWD code.

LEGEND:

"BMT-" X.XX,

"BMM"X.XX,

"BMS"X.XX,

"BMC"X.XX

xxx "A".XX Denotes the Section

XXXX."01" Denotes the Serial Number of the Item in the corresponding Section

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

Sl	NAME OF THE STRUCTURAL MEMBER	Material Hire charges		Labour charges		Centering Charges for 2026-27		Unit of Measurement
1	2	3		4		5		6
HIRE CHARGES FOR CENTERING AND SCAFFOLDING								
A	FOOTINGS	Rs.	**331**	Rs.	**739**	Rs.	**1070**	per 1 cum
B	BED BLOCKS, BANDS	Rs.	**74**	Rs.	**399**	Rs.	**473**	per 1 cum
C	PEDESTALS	Rs.	**377**	Rs.	**1176**	Rs.	**1553**	per 1 cum
D	PLINTH BEAMS	Rs.	**1598**	Rs.	**1782**	Rs.	**3380**	per 1 cum
HIRE CHARGES FOR CENTERING & SCAFFOLDING Unsupported Height upto 3.66 M Steel scaffolding pipes, jack Props, wallers, Foot plates, brackets, steel Centering, Plates,etc.,								
E	LINTELS	Rs.	**1356**	Rs.	**1892**	Rs.	**3248**	per 1 cum
F	CHAJJAS SUNSHADES	Rs.	**267**	Rs.	**290**	Rs.	**557**	per 1 sqm
G	COLUMNS	Rs.	**408**	Rs.	**2657**	Rs.	**3065**	per 1 cum
H	BEAMS	Rs.	**2397**	Rs.	**2230**	Rs.	**4627**	per 1 cum
I	SLABS Up to 150 mm thick	Rs.	**272**	Rs.	**265**	Rs.	**537**	per 1 sqm
J	SLABS above 150 mm Up to 300 mmthick	Rs.	**279**	Rs.	**273**	Rs.	**552**	per 1 sqm
K	SLABS above 300 mm thick	Rs.	**292**	Rs.	**286**	Rs.	**578**	per 1 sqm
L	WAFFLE (GRID) SLABS (Rib Beams withSlabs)	Rs.	**987**	Rs.	**917**	Rs.	**1904**	per 1 sqm
M	PERGOLA SLABS (Only Rib Beams)	Rs.	**692**	Rs.	**644**	Rs.	**1335**	per 1 sqm
N	ARCH BEAMS up to 1.5 M Span	Rs.	**2725**	Rs.	**2534**	Rs.	**5259**	per 1 cum
O	ARCH BEAMS above 1.5 M Span	Rs.	**2763**	Rs.	**2570**	Rs.	**5333**	per 1 cum
P	DOME SLABS	Rs.	**4406**	Rs.	**4095**	Rs.	**8501**	per 1 cum
Q	HELICAL STAIRCASES	Rs.	**336**	Rs.	**312**	Rs.	**648**	per 1 sqm
R	SHEAR WALLS, RCC WALLS, WATER TANK WALLS	Rs.	**519**	Rs.	**561**	Rs.	**1080**	per 1 sqm

Sl.No	NAME OF THE STRUCTURAL MEMBER	Material Hire charges		Labour charges		Centring Charges for 2026-27		Unit of Measurement
1	2	3		4		5		6
HIRE CHARGES FOR CENTERING & SCAFFOLDING - CUPLOCK + ALUMINIUM PLATES								
A	FOOTINGS	Rs.	703	Rs.	667	Rs.	1370	per 1 cum
B	BED BLOCKS, BANDS	Rs.	156	Rs.	348	Rs.	504	per 1 cum
C	PEDESTALS	Rs.	798	Rs.	1074	Rs.	1872	per 1 cum
D	PLINTH BEAMS	Rs.	3397	Rs.	1627	Rs.	5024	per 1 cum
HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height up to 3.66 M - MS Cup lock System + Aluminium Plate shuttering								
E	LINTELS	Rs.	2408	Rs.	1728	Rs.	4136	per 1 cum
F	CHAJJAS - SUNSHADES	Rs.	476	Rs.	265	Rs.	741	per 1 sqm
G	COLUMNS	Rs.	725	Rs.	2426	Rs.	3151	per 1 cum
H	BEAMS	Rs.	4254	Rs.	2034	Rs.	6288	per 1 cum
I	SLABS - Up to 150 mm thick	Rs.	650	Rs.	600	Rs.	1250	per 1 sqm
J	SLABS - above 150 mm - Up to 300 mm thick	Rs.	496	Rs.	237	Rs.	733	per 1 sqm

K	SLABS - above 300 mm thick	Rs.	518	Rs.	248	Rs.	766	per 1 sqm
L	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	1752	Rs.	838	Rs.	2590	per 1 sqm
M	PERGOLA SLABS (Only Rib Beams)	Rs.	183	Rs.	587	Rs.	770	per 1 sqm
N	ARCH BEAMS - up to 1.5 M Span	Rs.	4836	Rs.	2313	Rs.	7149	per 1 cum
O	ARCH BEAMS - above 1.5 M Span	Rs.	4904	Rs.	2346	Rs.	7250	per 1 cum
P	DOME SLABS	Rs.	7820	Rs.	3740	Rs.	11560	per 1 cum
Q	HELICAL STAIRCASES	Rs.	596	Rs.	285	Rs.	881	per 1 sqm
R	SHEAR WALLS, RCC WALLS, WATER TANK WALLS	Rs.	1178	Rs.	600	Rs.	1778	per 1 sqm

HIRE CHARGES FOR CENTERING & SCAFFOLDING Unsupported Height upto 3.66 M Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc.,								
E	LINTELS	Rs.	**826**	Rs.	**1332**	Rs.	**2158**	per 1 cum
F	CHAJJAS SUNSHADES	Rs.	**163**	Rs.	**204**	Rs.	**367**	per 1 sqm
G	COLUMNS	Rs.	**249**	Rs.	**1871**	Rs.	**2120**	per 1 cum
H	BEAMS	Rs.	**1458**	Rs.	**1569**	Rs.	**3027**	per 1 cum
I	SLABS Up to 150 mm thick	Rs.	**165**	Rs.	**186**	Rs.	**351**	per 1 sqm
J	SLABS above 150 mm Up to 300 mmthick	Rs.	**170**	Rs.	**193**	Rs.	**363**	per 1 sqm
K	SLABS above 300 mm thick	Rs.	**178**	Rs.	**201**	Rs.	**379**	per 1 sqm
L	WAFFLE (GRID) SLABS (Rib Beams with Slabs)	Rs.	**601**	Rs.	**646**	Rs.	**1247**	per 1 sqm
M	PERGOLA SLABS (Only Rib Beams)	Rs.	**421**	Rs.	**453**	Rs.	**874**	per 1 sqm
N	ARCH BEAMS up to 1.5 M Span	Rs.	**1657**	Rs.	**1784**	Rs.	**3441**	per 1 cum
O	ARCH BEAMS above 1.5 M Span	Rs.	**1681**	Rs.	**1808**	Rs.	**3489**	per 1 cum
P	DOME SLABS	Rs.	**2681**	Rs.	**2884**	Rs.	**5565**	per 1 cum
Q	HELICAL STAIRCASES	Rs.	**205**	Rs.	**220**	Rs.	**425**	per 1 sqm

Sl	NAME OF THE STRUCTURAL MEMBER	Material Hire charges	Labour charge s	Centering Charges for 2026-27	Unit of Measurement
1	2	3	4	5	6
HIRE CHARGES FOR ACCESS SCAFFOLDING upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for BRICK MASONRY/ STONE MASONRY 1 sqm (Wall Area)					
A	1st Floor	Rs. **10.78**	Rs. **84.62**	Rs. 95.4	per 1 sqm
B	2nd Floor	Rs. **10.78**	Rs. **121.18**	Rs. 131.96	per 1 sqm
C	3rd Floor	Rs. **10.78**	Rs. **157.72**	Rs. 168.5	per 1 sqm
D	4th Floor	Rs. **10.78**	Rs. **194.27**	Rs. 205.05	per 1 sqm
E	5th Floor	Rs. **10.78**	Rs. **230.81**	Rs. 241.59	per 1 sqm
F	6th Floor	Rs. **10.78**	Rs. **267.35**	Rs. 278.13	per 1 sqm
G	7th Floor	Rs. **10.78**	Rs. **303.88**	Rs. 314.66	per 1 sqm
H	8th Floor	Rs. **10.78**	Rs. **340.43**	Rs. 351.21	per 1 sqm
I	9th Floor	Rs. **10.78**	Rs. **376.98**	Rs. 387.76	per 1 sqm
J	10th Floor	Rs. **10.78**	Rs. **413.51**	Rs. 424.29	per 1 sqm
K	11th Floor	Rs. **10.78**	Rs. **450.06**	Rs. 460.84	per 1 sqm
L	12th Floor	Rs. **10.78**	Rs. **486.61**	Rs. 497.39	per 1 sqm
M	13th Floor	Rs. **10.78**	Rs. **523.15**	Rs. 533.93	per 1 sqm
N	14th Floor	Rs. **10.78**	Rs. **559.68**	Rs. 570.46	per 1 sqm
O	15th Floor	Rs. **10.78**	Rs. **596.23**	Rs. 607.01	per 1 sqm

HIRE CHARGES FOR ACCESS SCAFFOLDING upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for PLASTERING to WALLS 1 sqm								
Sl	NAME OF THE STRUCTURAL MEMBER	Material Hire charges		Labour charges		Charges for Centering 2026-27		Unit of Measurement
1	2	3		4		5		6
A	1st Floor	Rs.	**1.08**	Rs.	**8.47**	Rs.	**9.55**	per 1 sqm
B	2nd Floor	Rs.	**1.08**	Rs.	**12.12**	Rs.	**13.2**	per 1 sqm
C	3rd Floor	Rs.	**1.08**	Rs.	**15.77**	Rs.	**16.85**	per 1 sqm
D	4th Floor	Rs.	**1.08**	Rs.	**19.43**	Rs.	**20.51**	per 1 sqm
E	5th Floor	Rs.	**1.08**	Rs.	**23.08**	Rs.	**24.16**	per 1 sqm
F	6th Floor	Rs.	**1.08**	Rs.	**26.73**	Rs.	**27.81**	per 1 sqm
G	7th Floor	Rs.	**1.08**	Rs.	**30.38**	Rs.	**31.46**	per 1 sqm
H	8th Floor	Rs.	**1.08**	Rs.	**34.05**	Rs.	**35.13**	per 1 sqm
I	9th Floor	Rs.	**1.08**	Rs.	**37.7**	Rs.	**38.78**	per 1 sqm
J	10th Floor	Rs.	**1.08**	Rs.	**41.35**	Rs.	**42.43**	per 1 sqm
K	11th Floor	Rs.	**1.08**	Rs.	**45.01**	Rs.	**46.09**	per 1 sqm
L	12th Floor	Rs.	**1.08**	Rs.	**48.66**	Rs.	**49.74**	per 1 sqm
M	13th Floor	Rs.	**1.08**	Rs.	**52.31**	Rs.	**53.39**	per 1 sqm
N	14th Floor	Rs.	**1.08**	Rs.	**55.97**	Rs.	**57.05**	per 1 sqm
O	15th Floor	Rs.	**1.08**	Rs.	**59.62**	Rs.	**60.7**	per 1 sqm

HIRE CHARGES FOR STAGE SCAFFOLDING upto 3.66 M using Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for CEILING PLASTERING 1 sqm								
A	1st Floor	Rs.	**2.57**	Rs.	**16.94**	Rs.	**19.51**	per 1 sqm
B	2nd Floor	Rs.	**2.57**	Rs.	**24.04**	Rs.	**26.61**	per 1 sqm
C	3rd Floor	Rs.	**2.57**	Rs.	**31.13**	Rs.	**33.7**	per 1 sqm
D	4th Floor	Rs.	**2.57**	Rs.	**38.23**	Rs.	**40.8**	per 1 sqm
E	5th Floor	Rs.	**2.57**	Rs.	**45.33**	Rs.	**47.9**	per 1 sqm
F	6th Floor	Rs.	**2.57**	Rs.	**52.42**	Rs.	**54.99**	per 1 sqm
G	7th Floor	Rs.	**2.57**	Rs.	**59.52**	Rs.	**62.09**	per 1 sqm
H	8th Floor	Rs.	**2.57**	Rs.	**66.62**	Rs.	**69.19**	per 1 sqm
I	9th Floor	Rs.	**2.57**	Rs.	**73.72**	Rs.	**76.29**	per 1 sqm
J	10th Floor	Rs.	**2.57**	Rs.	**80.81**	Rs.	**83.38**	per 1 sqm
K	11th Floor	Rs.	**2.57**	Rs.	**87.91**	Rs.	**90.48**	per 1 sqm
L	12th Floor	Rs.	**2.57**	Rs.	**95.01**	Rs.	**97.58**	per 1 sqm
M	13th Floor	Rs.	**2.57**	Rs.	**102.03**	Rs.	**104.6**	per 1 sqm
N	14th Floor	Rs.	**2.57**	Rs.	**109.19**	Rs.	**111.76**	per 1 sqm
O	15th Floor	Rs.	**2.57**	Rs.	**116.3**	Rs.	**118.87**	per 1 sqm

CENTERING & SCAFFOLDING CHARGES FLOOR WISE RATES
for Steel scaffolding pipes, jack Props, Steel Centering Plates, etc., for unsupported height 3.66M

FLOOR		LINTELS	CHAJJAS SUNSHADES	COLUMNS	BEAMS	SLABS Up to 150N mm thick	SLABS above 150 mm Up to 300 mm thick	SLABS above 300 mm thick	WAFFLE (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLAB (Only Rib Beams)	ARCH BEAMS up to 1.5 M SpAn	ARCH BEAMS above 1.5 M Span	DOME SLABS	HELICAL STAIR CASES	SHEAR WALLS, RCC WALLS, WATER TANK WALLS
Material Hire for any Floor	H	**1356**	**267**	**408**	**2397**	**272**	**279**	**292**	**989**	**692**	**2725**	**2763**	**4406**	**336**	**519**
Labour Charges for 1st Floor	**L**	**1892**	**290**	**2657**	**2230**	**265**	**273**	**286**	**917**	**644**	**2534**	**2570**	**4095**	**312**	**561**
Total Hire Charges (H+L)	**T**	**3248**	**557**	**3065**	**4627**	**537**	**552**	**578**	**1904**	**1335**	**5259**	**5333**	**8501**	**648**	**1080**
1st Floor	**L**	**1892**	**290**	**2657**	**2230**	**265**	**273**	**286**	**917**	**644**	**2534**	**2570**	**4095**	**312**	**561**
2nd Floor	**L**	2064	317	2898	2432	289	298	312	1001	702	2765	2803	4468	341	612
3rd Floor	**L**	2236	343	3140	2635	313	322	338	1084	761	2995	3037	4840	369	663
4th Floor	**L**	2408	370	3381	2838	337	347	364	1168	819	3226	3270	5212	398	714
5th Floor	**L**	2580	396	3623	3041	362	372	390	1251	878	3456	3504	5585	426	765
6th Floor	**L**	2752	422	3864	3243	386	397	416	1334	936	3686	3738	5957	454	816
7th Floor	**L**	2924	449	4106	3446	410	422	442	1418	995	3917	3971	6329	483	867
8th Floor	**L**	3096	475	4347	3649	434	446	468	1501	1053	4147	4205	6701	511	918
9th Floor	**L**	3268	502	4589	3851	458	471	494	1585	1112	4378	4438	7074	540	969
10th Floor	**L**	3440	528	4830	4054	482	496	520	1668	1170	4608	4672	7446	568	1020
11th Floor	**L**	3612	554	5072	4257	506	521	546	1751	1229	4838	4906	7818	596	1071
12th Floor	**L**	3784	581	5313	4459	530	546	572	1835	1287	5069	5139	8191	625	1122
13th Floor	**L**	3956	607	5555	4662	554	570	598	1918	1346	5299	5373	8563	653	1173
14th Floor	**L**	4128	634	5796	4865	578	595	624	2002	1404	5530	5606	8935	682	1224
15th Floor	**L**	4300	661	6037	5068	602	620	650	2084	1462	5761	5893	9307	711	1275

Note: Centering & scaffolding charges for steel scaffolding with pipes, jack props, steel centering plates for unsupported heights of every 610 mm height above 3.66 M, may be allowed at 16.666% more than the basic material hire charges and relevant labour charges of the applicable floor and item

CENTERING & SCAFFOLDING CHARGES FLOOR WISE RATES
for Casurina Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates, Steel Centring Plates etc., for unsupported height 3.66 M

FLOOR		LINTELS	CHAJJAS SUNSHADES	COLUMNS	BEAMS	SLABS Up to 150 mm thick	SLABS above 150 mm Up to 300 mm thick	SLABS above 300 mm thick	WAFFLE (GRID) SLABS (Rib Beam swith Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS up to 1.5M Span	ARCH BEAMS above 1.5 M Span	DOME SLABS	HELICAL STAIRCASES
Material Hire forany Floor	H	**826**	**163**	**249**	**1458**	**165**	**170**	**178**	**601**	**421**	**1657**	**1681**	**2681**	**501**
Labour Charges for 1st Floor	L	**1332**	**204**	**1871**	**1569**	**186**	**193**	**201**	**646**	**453**	**1784**	**1808**	**2884**	**220**
Total Hire Charges (H+L)	**T**	**2158**	**367**	**2120**	**3027**	**351**	**363**	**379**	**1247**	**874**	**3441**	**3489**	**5565**	**721**
1st Floor	**L**	**1332**	**204**	**1871**	**1569**	**186**	**193**	**201**	**646**	**453**	**1784**	**1808**	**2884**	**220**
2nd Floor	L	1465	224	2058	1726	205	212	221	711	498	1962	1989	3172	242
3rd Floor	L	1598	245	2245	1883	223	232	241	775	544	2141	2170	3461	264
4th Floor	L	1732	265	2432	2040	242	251	261	840	589	2319	2350	3749	286
5th Floor	L	1865	286	2619	2197	260	270	281	904	634	2498	2531	4038	308
6th Floor	L	1998	306	2807	2354	279	290	302	969	680	2676	2712	4326	330
7th Floor	L	2131	326	2994	2510	298	309	322	1034	725	2854	2893	4614	352
8th Floor	L	2264	347	3181	2667	316	328	342	1098	770	3033	3074	4903	374
9th Floor	L	2398	367	3368	2824	335	347	362	1163	815	3211	3254	5191	396
10th Floor	L	2531	388	3555	2981	353	367	382	1227	861	3390	3435	5480	418
11th Floor	L	2664	408	3742	3138	372	386	402	1292	906	3568	3616	5768	440
12th Floor	L	2797	428	3929	3295	391	405	422	1357	951	3746	3797	6056	462
13th Floor	L	2930	449	4116	3452	409	425	442	1421	997	3925	3978	6345	484
14th Floor	L	3064	469	4303	3609	428	444	462	1486	1042	4103	4158	6633	506
15th Floor	L	3197	490	4490	3766	446	463	482	1550	1087	4282	4339	6922	528

Note:

1) All Materials conforming to ISI or relevant International Standards shall be used in all CIVIL, Water Supply & Sanitary Fittings, Electrical and Electro Mechanical Works.

2) Concerned departments shall approve the materials either from the manufacturer or from its authorized /certified dealer only and also to approve the brands of the products / materials to be adopted in their estimates at their end. In case common approval is required by the committee, concerned authority shall propose with all the details after thorough verification, to the committee for considering the proposal.

3) SoR rates for Civil and Water supply & Sanitary items are purely for guidance of the officers in preparation of estimates vide para 113 of APPWD Code. Authority who prepares the estimate is, however responsible for proper rates as envisaged in Para 45 of APPWD Code.

4) The rates published in the Buildings SoR 2026-27 are the ceiling rates only and the estimate preparing authorities are responsible for the correctness and reasonableness of the rates and technical specifications adopted in the estimates.

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

WATER SUPPLY
&
SANITARY ITEMS

WATER SUPPLY & SANITARY ITEMS

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
1		2	3	4	5
	Section -A		**S.W.G. PIPES & FITTINGS**		
1	MAT01667	BMW -A.01	Supplying, laying, jointing and testing 101.6 mm SWG SP1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. Including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	429
2	MAT01668	BMW -A.02	Supplying, laying, jointing and testing 101.6 mm SWG SP1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1:5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	427
3	MAT01669	BMW -A.03	Supplying, laying, jointing and testing 152.4 mm SWG SP1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	634
4	MAT01670	BMW -A.04	Supplying, laying, jointing and testing 152.4 mm SWG SP1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0")) depth and refilling with watering and tamping.	1 RM	623
5	LAB00411	BMW -A.05	labour charges only for laying, jointing and testing SWG pipes of any diawith airtight cement joints including excavation of trenches and socket pits in any soil up to 914.4 mm (3'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	283
6	LAB00412	BMW -A.06	labour charges only for laying, jointing and testing SWG pipes of any diawith airtight cement joints including excavation of trenches and socket pits in any soil up to 1524 mm (5'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	350
7	MAT01671	BMW -A.07	a)Supplying, laying, jointing and testing 152.4 mmCC bed 1:2:4 Prop: using 19.05mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	232
8	LAB00413	BMW -A.08	b) do labour charges only	1 RM	13
9	MAT01672	BMW -A.09	a)Supplying , laying, jointing and testing 152.4 mmCC bed 1:2:4 Prop: using 19.05mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	323
10	LAB00414	BMW -A.10	b) do labour charges only	1 RM	63
11	MAT01673	BMW -A.11	a) Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	90

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
12	LAB00150	BMW -A.12	b) do labour charges only	1 RM	46
13	MAT01674	BMW -A.13	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	166
14	LAB00151	BMW -A.14	b) do labour charges only	1 RM	66
15	MAT01675	BMW -A.15	Supply of SWG SP1 Pipe conforming to ISI 651 4" dia (101.6mm)	1 RM	172
16	MAT01676	BMW -A.16	Supply of SWG SP1 Pipe conforming to ISI 651 6" dia (152.4mm)	1 RM	298
17	MAT01677	BMW -A.17	Supply of SWG SP1 Pipe conforming to ISI 6518" dia (203.2mm)	1 RM	459
18	MAT01678	BMW -A.18	Supply of SWG SP1 Pipe conforming to ISI 651 10" dia (254 mm)	1 RM	840
19	MAT01679	BMW -A.19	Supply of SWG SP1 Pipe conforming to ISI 651 12" dia (300 mm)	1 RM	1211
20	MAT01680	BMW -A.20	Supply of SWG SP1 Pipe conforming to ISI 651 14" dia (350 mm)	1 RM	1648
21	MAT01681	BMW -A.21	Supply of SWG SP1 Pipe conforming to ISI 651 16" dia (400 mm)	1 RM	1986
22	MAT01682	BMW -A.22	Supply of SWG SP1 Pipe conforming to ISI 651 18" dia (450 mm)	1 RM	2398
23	MAT01683	BMW -A.23	Supply of SWG SP2 Pipe conforming to ISI 651 4" dia (101.6mm)	1 RM	212
24	MAT01684	BMW -A.24	Supply of SWG SP2 Pipe conforming to ISI 651 6" dia (152.4mm)	1 RM	315
25	MAT01685	BMW -A.25	Supply of SWG SP2 Pipe conforming to ISI 6518" dia (203.2mm)	1 RM	566
26	MAT01686	BMW -A.26	Supply of SWG SP2 Pipe conforming to ISI 651 10" dia (254 mm)	1 RM	890
27	MAT01687	BMW -A.27	Supply of SWG SP2 Pipe conforming to ISI 651 12" dia (300 mm)	1 RM	1368
28	MAT01688	BMW -A.28	Supply of SWG SP2 Pipe conforming to ISI 651 14" dia (350 mm)	1 RM	1773
29	MAT01689	BMW -A.29	Supply of SWG SP2 Pipe conforming to ISI 651 16" dia (400 mm)	1 RM	2042
30	MAT01690	BMW -A.30	Supply of SWG SP2 Pipe conforming to ISI 651 18" dia (450 mm)	1 RM	2606
31	MAT01691	BMW -A.31	Supply of SWG SP3 Pipe conforming to ISI 651 4" dia (101.6mm)	1 RM	271
32	MAT01692	BMW -A.32	Supply of SWG SP3 Pipe conforming to ISI 651 6" dia (152.4mm)	1 RM	393
33	MAT01693	BMW -A.33	Supply of SWG SP3 Pipe conforming to ISI 6518" dia (203.2mm)	1 RM	694
34	MAT01694	BMW -A.34	Supply of SWG SP3 Pipe conforming to ISI 651 10" dia (254 mm)	1 RM	1055

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
35	MAT01695	BMW -A.35	Supply of SWG SP3 Pipe conforming to ISI 651 12" dia (300 mm)	1 RM	1475
36	MAT01696	BMW -A.36	Supply of SWG SP3 Pipe conforming to ISI 651 14" dia (350 mm)	1 RM	1871
37	MAT01697	BMW -A.37	Supply of SWG SP2 Pipe conforming to ISI 651 16" dia (400 mm)	1 RM	2154
38	MAT01698	BMW -A.38	Supply of SWG SP3 Pipe conforming to ISI 651 18" dia (450 mm)	1 RM	2930
39	MAT01699	BMW -A.39	Supply of SWG Bends conforming to IS standards 100 mm dia	Each	86
40	MAT01700	BMW -A.40	Supply of SWG Bends conforming to IS standards 150 mm dia	Each	159
41	MAT01701	BMW -A.41	Supply of SWG Bends conforming to IS standards 200 mm dia	Each	300
42	MAT01702	BMW -A.42	Supply of SWG Bendsconforming to IS standards 250 mm dia	Each	608
43	MAT01703	BMW -A.43	Supply of SWG Bends conforming to IS standards 300 mm dia	Each	773
44	MAT01704	BMW -A.44	Supply of SWG Bends conforming to IS standards 350 mm dia	Each	965
45	MAT01705	BMW -A.45	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 100 x 100	Each	166
46	MAT01706	BMW -A.46	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 150 x 100	Each	244
47	MAT01707	BMW -A.47	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 150 x 150	Each	267
48	MAT01708	BMW -A.48	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 200 x 100	Each	380
49	MAT01709	BMW -A.49	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 200 x 150	Each	444
50	MAT01710	BMW -A.50	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 200 x 200	Each	508
51	MAT01711	BMW -A.51	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 250 x 100	Each	597
52	MAT01712	BMW -A.52	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 250 x 150	Each	789
53	MAT01713	BMW -A.53	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 250 x 200	Each	975
54	MAT01714	BMW -A.54	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 250 x 250	Each	1168
55	MAT01715	BMW -A.55	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 300 x 100	Each	852
56	MAT01716	BMW -A.56	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 300 x 150	Each	1091
57	MAT01717	BMW -A.57	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 300 x 200	Each	1330

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
58	MAT01718	BMW -A.58	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 300 x 250	Each	1569
59	MAT01719	BMW -A.59	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 300 x 300	Each	1809
60	MAT01720	BMW -A.60	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 100	Each	1063
61	MAT01721	BMW -A.61	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 150	Each	1362
62	MAT01722	BMW -A.62	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 200	Each	1660
63	MAT01723	BMW -A.63	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 250	Each	1958
64	MAT01724	BMW -A.64	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 300	Each	2258
65	MAT01725	BMW -A.65	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for 350 x 350	Each	2555
66	MAT01726	BMW -A.66	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	31
67	MAT01727	BMW -A.67	Supply of SWG Plugs conforming to IS standards for 150 mm dia	Each	60
68	MAT01728	BMW -A.68	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	114
69	MAT01729	BMW -A.69	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	197
70	MAT01730	BMW -A.70	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	313
71	MAT01731	BMW -A.71	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	392
72	MAT01732	BMW -A.72	Supplying & fixing 150 mm x 100 mm SWG gully trapsconforming to ISI 651 & 4127 with C.I Grating & Cost. Brick masonry in CM 1:6 prop. Intermediate chamber and fitted with304.8 mm x 288.6mm (12"x9") C.I Frame and hinged cover	Each	546
73	MAT01733	BMW -A.73	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	246
74	LAB00152	BMW -A.74	Labour charges for fixing and laying the SWG Junctions/ Plugs/ Bends of any dia with airtight cement joints as per standard practice	Each	39
75	MAT01734	BMW -A.75	Supply of SWG Saddles conforming to IS standards 150 x 100 mm		175
76	MAT01735	BMW -A.76	Supply of SWG Saddles conforming to IS standards 200 x 100 mm		300
77	MAT01736	BMW -A.77	Supply of SWG Saddles conforming to IS standards 250 x 100 mm		485

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
		B	**MAN HOLES & INSPECTION CHAMBERS AS PER IS 4111 : Part 1 : 1986**		
78	MAT05233	BMW -B.01	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS 4111: Part1:1986 with cement mortar (1:6) prop usingflyash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mmincluding plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification andincluding cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental andoperational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	6462
79	MAT05234	BMW -B.02	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS 4111: Part1:1986 with cement mortar (1:6) prop usingflyash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mmincluding plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification andincluding cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental andoperational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	10169
80	MAT05235	BMW -B.03	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS 4111: Part1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mmincluding plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification andincluding cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental andoperational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	6259

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate For SoR 2026-27 (Rs.)
81	MAT05236	BMW -B.04	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS 4111: Part1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mmincluding plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification andincluding cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental andoperational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	9778
82	MAT01737	BMW -B.05	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 914.4 mm x 457.2 mm (3'0"x1'6") C.I frame andcover of 40 Kg.	Each	6094
83	MAT01738	BMW -B.06	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame andcover of 20 Kg.	Each	3673
84	MAT01739	BMW -B.07	a)Making drainage connection in the existing inspection including all repairs	Each	122
85	LAB00157	BMW -B.08	b) do labour charges only	Each	90

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Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate For SoR 2026-27 (Rs.)
		C	**C.I. PIPES & FITTINGS AS PER IS 1729:1979**		
			Supplying and fixing of C.I. Single/ Double Socket soil pipes ISI marked conforming to IS:17291979 of reputed make with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar (1½:1) and including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete		
86	MAT01740	BMW -C.01	3" dia (76.2 mm) Single Socket	1 RM	771
87	MAT01741	BMW -C.02	4" dia (101.6mm) Single Socket	1 RM	998
88	MAT01742	BMW -C.03	6" dia (152.4mm) Single Socket	1 RM	1575
89	MAT01743	BMW -C.04	3" dia (76.2 mm) Double Socket	1 RM	836
90	MAT01744	BMW -C.05	4" dia (101.6mm) Double Socket	1 RM	1105
91	MAT01745	BMW -C.06	6" dia (152.4mm) Double Socket	1 RM	1808
92	LAB00158	BMW -C.07	Labour charges only forfixing of C.I. Single/ Double Socket soil pipes of any dia with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar and including fixing of M.S. clamps if necessary with required nails	1 RM	289
93	MAT01746	BMW -C.08	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for3" dia (76.2 mm)	Each	298
94	MAT01747	BMW -C.09	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for4" dia (101.6 mm)	Each	373
95	MAT01748	BMW -C.10	Supplying & fixing CI Plain bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for6" dia (152.4 mm)	Each	612
96	MAT01749	BMW -C.11	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	365
97	MAT01750	BMW -C.12	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	450
98	MAT01751	BMW -C.13	Supplying & fixing CI Plug (Door) bends Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	968
99	LAB00159	BMW -C.14	Labour charges only for fixing CI Plain/ Plug (Door) bends with cement caulked joints and fixing as per site requirements with standard practice	Each	91

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
100	MAT01752	BMW -C.15	Supplying and fixing of 76.2 mm (3") CI soil single junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	463
101	MAT01753	BMW -C.16	Supplying and fixing of 101.6 mm (4") CI soil single junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	712
102	MAT01754	BMW -C.17	Supplying and fixing of 152.4 mm (6") CI soil single junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	1664
103	MAT01755	BMW -C.18	Supplying and fixing of 76.2 mm (3") CI soil plain single junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	392
104	MAT01756	BMW -C.19	Supplying and fixing of 101.6 mm (4") CI soil plain single junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	528
105	MAT01757	BMW -C.20	Supplying and fixing of 152.4 mm (6") CI soil plain single junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	1244
106	LAB00160	BMW -C.21	Labour charges only fixing CI soil single junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	129
107	MAT01758	BMW -C.22	Supplying and Fixing of 76.2 mm (3") CI soil Double junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	693
108	MAT01759	BMW -C.23	Supplying and Fixing of 101.6 mm (4") CI soil Double junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	838
109	MAT01760	BMW -C.24	Supplying and Fixing of 152.4 mm (6") CI soil Double junction with plug : conforming to IS:17291979 with cement caulked joints and fixing	Each	1937
110	MAT01761	BMW -C.25	Supplying and Fixing of 76.2 mm (3") CI soil plain Double junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	601
111	MAT01762	BMW -C.26	Supplying and Fixing of 101.6 mm (4") CI soil plain Double junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	785
112	MAT01763	BMW -C.27	Supplying and Fixing of 152.4 mm (6") CI soil plain Double junction : conforming to IS:17291979 with cement caulked joints and fixing	Each	1816
113	LAB00161	BMW -C.28	Labour charges only fixing CI soil Double junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	127
114	MAT01764	BMW -C.29	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 76.20 mm (3") C.I. Pipe	Each	294
115	MAT01765	BMW -C.30	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 101.6 mm (4") C.I. Pipe	Each	409
116	MAT01766	BMW -C.31	Supplying and Fixing of 75mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 152.4 mm (6") C.I. Pipe	Each	880

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
117	MAT01767	BMW -C.32	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixing for 76.20 mm (3") C.I. Pipe	Each	349
118	MAT01768	BMW -C.33	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixing for 101.6 mm (4") C.I. Pipe	Each	461
119	MAT01769	BMW -C.34	Supplying and Fixing of 115 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixing for 152.4 mm (6") C.I. Pipe	Each	902
120	MAT01770	BMW -C.35	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 76.20 mm (3") C.I. Pipe	Each	403
121	MAT01771	BMW -C.36	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 101.6 mm (4") C.I. Pipe	Each	519
122	MAT01772	BMW -C.37	Supplying and Fixing of 150 mm C.I. Offsets Ist quality conforming to IS:17291979 with cement caulked joints and fixingfor 152.4 mm (6") C.I. Pipe	Each	1047
123	LAB00162	BMW -C.38	Labour charges only fixing CI soil Offsets with cement caulked joints and fixing as per site requirements with standard practice	Each	58
124	MAT01773	BMW -C.39	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:17291979 with C.P. Grating fixing with white cement as per site requirements with standard practicefor nominal dia 75 mm (3") and grating size 165 mm dia of weight not less than 5.5 Kgs	Each	528
125	MAT01774	BMW -C.40	Supplying & fixing CI floor traps 1st quality ISI marked with C.P. Grating fixing with white cement as per site requirements with standard practicefornominal dia 100 mm (4") and grating size 100 mm dia of weight not less than 6 Kgs	Each	645
126	MAT01775	BMW -C.41	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:17291979 with C.P. Grating fixing with white cement as per site requirements with standard practicefor nominal dia 75 mm (3") and grating size 100 mm dia of weight not less than 4.0 Kgs	Each	328
127	LAB00163	BMW -C.42	Labour charges only for fixing CI Nahany/ Floor traps with C.P. Grating fixing with white cement as per site requirements with standard practice	Each	65
128	MAT01776	BMW -C.43	Boxing of Nahany traps in RCC floors	Each	183
129	MAT01777	BMW -C.44	Boxing of W.C Trap in R.C.C floors	Each	365
130	MAT01778	BMW -C.45	Supplying & fixing CI Collars (double socket) Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 76.20 mm (3") C.I. Pipe	Each	174

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.).)
131	MAT01779	BMW -C.46	Supplying & fixing CI Collars (double socket) Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 101.6 mm (4") C.I. Pipe	Each	218
132	MAT01780	BMW -C.47	Supplying & fixing CI Collars (double socket) Ist quality ISI marked conforming to IS:17291979 with cement caulked joints and fixing as per site requirements with standard practice for 152.4 mm (6") C.I. Pipe	Each	626
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
		D	**VITREOUS CHINAWARE SANITARY APPLIANCES as per IS:2556 – 1974**		
133	MAT01781	BMW -D.01	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556Part31981 with"P" or "S" trap: 580 mm Long	Each	1061
134	MAT01782	BMW -D.02	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556Part31981 with"P" or "S" trap: 630 mm Long	Each	1061
135	LAB00164	BMW -D.03	Labour charges only for fixing Indian patternW.C with"P" or "S" trap	Each	384
136	MAT01783	BMW -D.04	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556Part31981 with"P" or "S" trap: 580 mm x 440 mmx260mm	Each	1587
137	MAT01784	BMW -D.05	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556Part31981 with"P" or "S" trap: 630 mm x 450 mm	Each	1664
138	LAB00165	BMW -D.06	Labour charges only Fixing Orissa pan W.C with"P" or "S" trap	Each	480
139	MAT01785	BMW -D.07	Supplying & Fixing porcelain foot rest for squatting I.W.C. (Rectangular pair) of sizes 250 mm x 125 mm x 15 mm thick each foot rest 1st quality ISI marked conforming to IS:2556 Part10:1974	Pair	244
140	LAB00166	BMW -D.08	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	88
141	MAT01786	BMW -D.09	Providing Brick masonry seat for Orissa pan/ Indian W.C. using 2nd class bricks as per standard practice	Each	311
142	MAT01787	BMW -D.10	Providing Cement Concrete Squatting plate for Orissa pan/ Indian W.C. in P.C.C. 1:2:4 as per standard practice	Each	92
143	MAT01788	BMW -D.11	Supplying & Fixing low down porcelain flushing tank 10 Lit Capacitywith internal components	Each	2525
144	LAB00167	BMW -D.12	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	671
145	MAT01789	BMW -D.13	Supplying and Fixing European ISI Water Closet of 1st quality conforming to IS:2556Part21973 ofwhite glazedwith 'P'trap	Each	2025
146	MAT01790	BMW -D.14	Supplying and Fixing European ISI Water Closet of 1st quality conforming to IS:2556Part21973 ofwhite glazedwith 'S'trap	Each	1933

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
147	LAB00168	BMW -D.15	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	336
148	MAT01791	BMW -D.16	Supplying and Fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS 25481996	Each	870
149	LAB00169	BMW -D.17	Labour charges only for fixing plastic seat and lid for European water closet	Each	97
150	MAT01792	BMW -D.18	Supply, Installation and commissioning approved make floor mounted Close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approvedmake with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects:White Colour	Each	9370
151	MAT01793	BMW -D.19	Supply, Installation and commissioning approved make floor mounted Close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approvedmake with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Coloured Grade I/ Grade II	Each	13662
152	MAT01794	BMW -D.20	Supply, Installation and commissioning approved make floor mounted close coupled EWC suit CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approvedmake with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: Special Colour Grade III	Each	17385
153	MAT01795	BMW -D.21	Supplying & Fixing Indian make Flat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams or equivalent complete with standard CI brackets including wooden block: 660 x 460 mm Single C.P. Pillar cock	Each	2671
154	MAT01796	BMW -D.22	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm Single C.P. Pillar cock	Each	2372

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
155	MAT01797	BMW -D.23	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams complete with standard CI brackets including wooden block: 630 x 450 mm Double C.P. Pillar cock	Each	2893
156	MAT01798	BMW -D.24	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams complete with standard CI brackets including wooden block: 550 x 400 mm Single C.P. Pillar cock	Each	1776
157	MAT01799	BMW -D.25	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams complete with standard CI brackets including wooden block: 550 x 400 mm Double C.P. Pillar cock	Each	2149
158	MAT01800	BMW -D.26	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams complete with standard CI brackets including wooden block: 450 x 300 mm Single C.P. Pillar cock	Each	1555
159	MAT01801	BMW -D.27	Supplying & Fixing Indian makeFlat Back Wash Hand Basin1st quality conforming to IS:2556Part4:1972 with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963 1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams complete with standard CI brackets including wooden block: 450 x 300 mm Double C.P. Pillar cock	Each	2001
160	LAB00170	BMW -D.28	Labour charges only for fixing Indian makeFlat Back Wash Hand Basin with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block	Each	406

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
161	MAT01802	BMW -D.29	Supplying and Fixing Pedestal for Wash Hand Basin	Each	1230
162	LAB00171	BMW -D.30	Labour charges only for fixing pedestal for wash hand basin	Each	173
163	MAT01803	BMW -D.31	Supplying & Fixing 31.75 mm C.P bottle trap (Heavy type)	Each	444
164	LAB00172	BMW -D.32	Labour charges only for fixing bottle trap to the wash hand basin	Each	58
165	MAT01804	BMW -D.33	Supplying & Fixing white glazed flat back Bowl urinals of size 440 mm x 265 mm x 315 mm with internal flushing rim fixed with screws complete Indian make conforming to IS:25561995	Each	919
166	MAT01805	BMW -D.34	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:25561995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556Part6, Sec61974 fixed with screws complete Indian make : 410 x 265 x 305 mm	Each	2706
167	MAT01806	BMW -D.35	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:25561995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556Part6, Sec61974 fixed with screws complete Indian make : 590 x 375 x 380 mm	Each	3003
168	LAB00173	BMW -D.36	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	162
169	MAT01807	BMW -D.37	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556Part51994 on cantilever brackets with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:29631979 : 600 x 400 x 250	Each	4900
170	MAT01808	BMW -D.38	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556Part51994 on cantilever brackets with waste fittings like rubber plug, chain,32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:29631979 : 750 x 450 x 250	Each	5495
171	LAB00174	BMW -D.39	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	406
172	MAT01809	BMW -D.40	a) S & F 609.6 x 457.2 x 254 mmRCC terrazzo finished sink(or constructed at site with 50.8mm thick) brass plug and chain including CI cantilever brackets	Each	800
173	LAB00175	BMW -D.41	b) do labour charges only	Each	286

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Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
		E	**TAPS & FAUCETS(Materials shall be procured from the list of approved Brands/ Manufacturers/ Suppliers)**		
174	MAT01810	BMW -E.01	a) S & F 12.7 mm NP stop cock Indian makeheavy duty	Each	461
175	LAB00176	BMW -E.02	b) do labour charges only	Each	38
176	MAT01811	BMW -E.03	a) S & Fconcealed stop cock 12.7 mm (1/2") Indian Make heavy duty	Each	528
177	LAB00177	BMW -E.04	b) do labour charges only	Each	56
178	MAT01812	BMW -E.05	a) S & Fangle stop cock 12.7 mm diafirst quality Indian Make heavy duty	Each	464
179	LAB00178	BMW -E.06	b) do labour charges only	Each	56
180	MAT01813	BMW -E.07	a) S&F 12.7 mm N.P bib tap Indian make heavy dutys Long body	Each	397
181	LAB00179	BMW -E.08	b) do labour charges only	Each	38
182	MAT01814	BMW -E.09	a) S&F 12.7mm N.P bib tap Indian make 3heavy duty sort body	Each	254
183	LAB00180	BMW -E.10	b) do labour charges only	Each	38
184	MAT01815	BMW -E.11	a)S & F 31.75 mm brass plumber Union best Indian first quality	Each	70
185	LAB00181	BMW -E.12	b) do labour charges only	Each	18
186	MAT01816	BMW -E.13	a) S & F 12.7 mm brass stop cock Indian make heavy duty long body	Each	227
187	LAB00182	BMW -E.14	b) do labour charges only	Each	38
188	MAT01817	BMW -E.15	a) S & F 12.7 mm brass stop cock Indian make heavy duty short body	Each	201
189	LAB00183	BMW -E.16	b) do labour charges only	Each	38
190	MAT01818	BMW -E.17	a) S & F 12.7 mm brass bib cock Indian make heavy duty long body	Each	227
191	LAB00184	BMW -E.18	b) do labour charges only	Each	38
192	MAT01819	BMW -E.19	a) S & F 12.7 mm brass bib cock Indian make heavy duty short body	Each	201
193	LAB00185	BMW -E.20	b) do labour charges only	Each	38
194	MAT01820	BMW -E.21	S & F CP Long body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make	Each	621
195	MAT01821	BMW -E.22	S & F CP Short body bib cock fancy type deluxeheavy duty 12.7 mm dia Indian make	Each	596

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
196	MAT01822	BMW -E.23	S & F 12.7mm heavy duty dia high neck pillar cock 1st quality Indian make	Each	1128
197	MAT01823	BMW -E.24	a)S & F 12.7 mm heavy duty NP Swan Neck Pillar cock	Each	1128
198	LAB00186	BMW -E.25	b) do labour charges only	Each	51
199	MAT01824	BMW -E.26	a)S & F 12.7 mm heavy duty NP Sink cock	Each	1126
200	LAB00187	BMW -E.27	b) do labour charges only	Each	45
201	MAT01825	BMW -E.28	S&F 12.7 mm dia NP pillar cock heavy duty Ist quality Indian make	Each	593
202	MAT01826	BMW -E.29	S&F 12.7 mm dia NP push cock Ist quality	Each	266
203	MAT01827	BMW -E.30	S&F 12.7 mm dia NP lift cock Ist quality	Each	232
204	MAT01828	BMW -E.31	a)S & F 38.1 mm C.P waste coupling Half or Full Thread 1st Quality Indian make or equivalent	Each	232
205	LAB00188	BMW -E.32	b) do labour charges only	Each	38
206	MAT01829	BMW -E.33	a) S & F 31.75 mm PVC bottle trap	Each	143
207	LAB00189	BMW -E.34	b) do labour charges only	Each	38
208	MAT01830	BMW -E.35	a)S& F 38.1 mm brass plumber union	Each	70
209	LAB00190	BMW -E.36	b) do labour charges only	Each	18
210	MAT01831	BMW -E.37	a)S & F 19.05 mm heavy duty NP stop cock Indian make with ISI mark	Each	593
211	LAB00191	BMW -E.38	b) do labour charges only	Each	38
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
		F	**G.I. PIPES & FITTINGS**		
212	MAT01832	BMW -F.01	S& F GI union 12.7 mm Ist Quality	Each	44
213	MAT01833	BMW -F.02	S& F GI union 19.05 mm Ist Quality	Each	53
214	MAT01834	BMW -F.03	S& F GI union 25.4 mm Ist Quality	Each	79
215	MAT01835	BMW -F.04	S& F GI union 31.75 mm Ist Quality	Each	97
216	MAT01836	BMW -F.05	S& F GI union 38.1 mm Ist Quality	Each	117
217	MAT01837	BMW -F.06	S& F GI union 50.8 mm Ist Quality	Each	146
218	MAT01838	BMW -F.07	S& F GI connector 25.4 mm dia	Each	87
219	MAT01839	BMW -F.08	S& F 12.7 mm GI 'T' A class Ist quality	Each	54
220	MAT01840	BMW -F.09	S& F31.75mm dia GI bend Ist quality	Each	79
221	MAT01841	BMW -F.10	S & F 31.75 mm dia GI 'T' 1st Quality	Each	78
222	MAT01842	BMW -F.11	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	459
223	LAB00192	BMW -F.12	b) do labour charges only	Each	57
224	MAT01843	BMW -F.13	a) S & F 19.05 mm copper ball cock ith PVC ball Indian make ISI mark	Each	376
225	LAB00193	BMW -F.14	b) do labour charges only	Each	50

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate For SoR 2026-27 (Rs.)
226	MAT01844	BMW -F.15	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	247
227	LAB00194	BMW -F.16	b) do labour charges only	Each	57
228	MAT01845	BMW -F.17	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 25 mm NB Size	Each	1193
229	LAB00195	BMW -F.18	b) do labour charges only	Each	57
230	MAT01846	BMW -F.19	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 20 mm NB Size	Each	831
231	LAB00196	BMW -F.20	b) do labour charges only	Each	57
232	MAT01847	BMW -F.21	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 15 mm NB Size	Each	618
233	LAB00197	BMW -F.22	b) do labour charges only	Each	57
234	MAT01848	BMW -F.23	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 32 mm NB Size	Each	1810
235	LAB00198	BMW -F.24	b) do labour charges only	Each	49
236	MAT01849	BMW -F.25	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 40 mm NB Size	Each	2445
237	LAB00199	BMW -F.26	b) do labour charges only	Each	85
238	MAT01850	BMW -F.27	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 50 mm NB Size	Each	3579
239	LAB00200	BMW -F.28	b) do labour charges only	Each	114
240	MAT01851	BMW -F.29	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 65 mm NB Size	Each	5523
241	LAB00201	BMW -F.30	b) do labour charges only	Each	135
242	MAT01852	BMW -F.31	a)S & F Gunmetal Gate (GM peet) valve as per IS 778 Class I, Indian make heavy type 80 mm NB Size	Each	8179
243	LAB00202	BMW -F.32	b) do labour charges only	Each	167
244	MAT01853	BMW -F.33	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS778 Iclass heavy duty 15 mm NB Size	Each	461
245	LAB00203	BMW -F.34	b) do labour charges only	Each	70
246	MAT01854	BMW -F.35	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS778 Iclass heavy duty 25 mm NB Size	Each	1043
247	LAB00204	BMW -F.36	b) do labour charges only	Each	85
248	MAT01855	BMW -F.37	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS778 Iclass heavy duty 40 mm NB Size	Each	2117
249	LAB00205	BMW -F.38	b) do labour charges only	Each	142
250	MAT01856	BMW -F.39	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS778 Iclass heavy duty 50 mm NB Size	Each	2890
251	LAB00206	BMW -F.40	b) do labour charges only	Each	143
252	MAT01857	BMW -F.41	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non	Each	669

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
			return) Valve as per IS778 Iclass heavy duty 20 mm NB Size		
253	LAB00207	BMW -F.42	b) do labour charges only	Each	69
254	MAT01858	BMW -F.43	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 15 mm NB Size	Each	434
255	LAB00208	BMW -F.44	b) do labour charges only	Each	69
256	MAT01859	BMW -F.45	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 20 mm NB Size	Each	563
257	LAB00209	BMW -F.46	b) do labour charges only	Each	69
258	MAT01860	BMW -F.47	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 25 mm NB Size	Each	845
259	LAB00210	BMW -F.48	b) do labour charges only	Each	69
260	MAT01861	BMW -F.49	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 32 mm NB Size	Each	1162
261	LAB00211	BMW -F.50	b) do labour charges only	Each	69
262	MAT01862	BMW -F.51	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 40 mm NB Size	Each	1402
263	LAB00212	BMW -F.52	b) do labour charges only	Each	109
264	MAT01863	BMW -F.53	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS778 Iclass heavy duty 50 mm NB Size	Each	2219
265	LAB00213	BMW -F.54	b) do labour charges only	Each	69
266	MAT01864	BMW -F.55	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 15 mm NB Size	Each	467
267	LAB00214	BMW -F.56	b) do labour charges only	Each	69
268	MAT01865	BMW -F.57	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 20 mm NB Size	Each	606
269	LAB00215	BMW -F.58	b) do labour charges only	Each	69
270	MAT01866	BMW -F.59	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 25 mm NB Size	Each	884
271	LAB00216	BMW -F.60	b) do labour charges only	Each	69
272	MAT01867	BMW -F.61	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 32 mm NB Size	Each	1599
273	LAB00217	BMW -F.62	b) do labour charges only	Each	69
274	MAT01868	BMW -F.63	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 40 mm NB Size	Each	2394

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026 -27 (Rs.)
275	LAB00218	BMW --F.64	b) do labour charges only	Each	69
276	MAT01869	BMW -F.65	a)S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS Class I, Indian make heavy type 50 mm NB Size	Each	4167
277	LAB00219	BMW -F.66	b) do labour charges only	Each	69
278	MAT05237	BMW -F.67	a) S& F 15 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	185
279	LAB00221	BMW -F.68	b) do labour charges only	1 RM	52
280	MAT05238	BMW -F.69	a) S& F 20 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	210
281	LAB00223	BMW -F.70	b) do labour charges only	1 RM	52
282	MAT05239	BMW -F.71	a) S& F 25 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	275
283	LAB00225	BMW -F.72	b) do labour charges only	1 RM	52
284	MAT05240	BMW -F.73	a) S& F 32 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	39
285	LAB00227	BMW -F.74	b) do labour charges only	1 RM	52
286	MAT05241	BMW -F.75	a) S& F 40 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	427
287	LAB00229	BMW -F.76	b) do labour charges only	1 RM	57
288	MAT05242	BMW -F.77	a) S& F 50 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	468
289	LAB00231	BMW -F.78	b) do labour charges only	1 RM	85
290	MAT05243	BMW -F.79	a) S& F 15 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	204
291	LAB00233	BMW -F.80	b) do labour charges only	1 RM	52
292	MAT05244	BMW -F.81	a) S& F 20 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	225
293	LAB00235	BMW -F.82	b) do labour charges only	1 RM	52
294	MAT05245	BMW -F.83	a) S& F 25 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings	1 RM	293

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
			including the cost of pipe & its fittings & labour charges complete		
295	LAB00237	BMW --F.84	b) do labour charges only	1 RM	52
296	MAT05246	BMW --F.85	a) S& F 32 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	408
297	LAB00239	BMW -F.86	b) do labour charges only	1 RM	52
298	MAT05247	BMW -F.87	a) S& F 40 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges omplete	1 RM	455
299	LAB00241	BMW -F.88	b) do labour charges only	1 RM	57
300	MAT05248	BMW -F.89	a) S& F 50 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	495
301	LAB00243	BMW -F.90	b) do labour charges only	1 RM	86
302	MAT01870	BMW -F.91	S & F 65 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches complete except for GI bends union and GI connectors with checkout and socket Tata or Zenith make or equivalent.	1 RM	857
303	MAT01871	BMW -F.92	a)S & F 12.7 mm holder bat clamps	Each	15
304	LAB00244	BMW -F.93	b) do labour charges only	Each	11
305	MAT01872	BMW -F.94	a)S & F 19.05 mm holder bat clamps	Each	22
306	LAB00245	BMW -F.95	b) do labour charges only	Each	11
307	MAT01873	BMW -F.96	a)S & F 25.4 mm holder bat clamps	Each	29
308	LAB00246	BMW -F.97	b) do labour charges only	Each	11
309	MAT01874	BMW -F.98	a)S & F 38.1 mm holder bat clamps	Each	32
310	LAB00247	BMW -F.99	b) do labour charges only	Each	13
311	MAT01875	BMW - F.100	a) S& F12.7x 152.0 mm NP shower rose heavy	Each	184
312	LAB00248	BMW - F.101	b) do labour charges only	Each	24
313	MAT01876	BMW - F.102	a) S& F12.7x 137.0 mm NP shower rose heavy	Each	176
314	LAB00249	BMW - F.103	b) do labour charges only	Each	26
315	MAT01877	BMW - F.104	a) S& F12.7x 101.6 mm NP shower rose heavy	Each	167
316	LAB00250	BMW - F.105	b) do labour charges only	Each	29
317	MAT01878	BMW - F.106	a) S & F 12.7 x 88.9 CP fancy shower	Each	295

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
318	LAB00251	BMW-F.107	b) do labour charges only	Each	29
319	MAT01879	BMW-F.108	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	50
320	LAB00252	BMW-F.109	b) do labour charges only	Each	29
321	MAT01880	BMW-F.110	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	70
322	LAB00253	BMW-F.111	b) do labour charges only	Each	26
323	MAT01881	BMW-F.112	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	81
324	LAB00254	BMW-F.113	b) do labour charges only	Each	30
325	MAT01882	BMW-F.114	a) Taking branch water connection from the existing 25.4 mm GIpipe including cutting threading, etc, complete with fitting	Each	156
326	LAB00255	BMW-F.115	b) do labour charges only	Each	30
327	MAT01883	BMW-F.116	a) Taking branch water connection from the existing 19.05 mm GIpipe including cutting threading, etc, complete with fitting,	Each	90
328	LAB00256	BMW-F.117	b) do labour charges only	Each	47
329	MAT01884	BMW-F.118	a) Taking branch water connection from the existing 12.7 mm GIpipe including cutting threading, etc, complete with fitting,	Each	69
330	LAB00257	BMW-F.119	b) do labour charges only	Each	40
331	MAT01885	BMW-F.120	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	2
332	MAT01886	BMW-F.121	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	4
333	MAT01887	BMW-F.122	Supplying & Fixing 12.7 mm Fiber washers	Each	4
334	MAT01888	BMW-F.123	Supplying & Fixing 19.05 mm Fiber washers	Each	4
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		G	**PVC PIPES & FITTINGS(Materials shall be procured fromthe list of approved Brands/ Manufacturers/ Suppliers)**		
335	MAT01889	BMW -G.01	a) Providing & Placing on Terrace(at all floor levels) polyethylene water storage tank of Double layer Roto moulded confirming to IS:12701 approved brand & manufacture with suitable cover/cap and suitable locking arrangement & making necessary holes for inlet & outlets and over flow pipes but without fittings & base support for tanks	1 Lit	9
336	LAB00258	BMW -G.02	b) do labour charges only	1 Lit	2

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
337	MAT01890	BMW -G.03	Supply of Plastic storage tank lid with hinges	Each	72
338	MAT01891	BMW -G.04	Supply & Fixing 76.2 mm dia PVC elbow Ist quality	Each	47
339	MAT01892	BMW -G.05	Supply & fixing 31.75mm dia PVC flexible waste pipe of 914.4 mm length of Ist quality	Each	25
340	MAT01893	BMW -G.06	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	88
341	MAT01894	BMW -G.07	Supply & fixing Fancy PVC shelf including all fittings	Each	208
342	MAT01895	BMW -G.08	Supply & fixing of PVC low level systemwith internal components & short bend:10 Litres capacity Single Flush	Each	1423
343	MAT01896	BMW -G.09	Supply & fixing of PVC low level systemwith internal components & short bend:10 litres capacity Dual Flush	Each	1671
344	MAT01897	BMW -G.10	Supply & fixing of PVC low level systemwith internal components & short bend:8 Litres capacity single Flush	Each	805
345	MAT01898	BMW -G.11	75 mm dia 3 M Single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	242
346	MAT01899	BMW -G.12	90 mm dia 3 M single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	384
347	MAT01900	BMW -G.13	110 mm dia 3 M Single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	458
348	MAT01901	BMW -G.14	75 mm dia 3 MDouble Socket PVC/SWR pipe 4 Kg/sq.cm	Each	274
349	MAT01902	BMW -G.15	90 mm dia 3 MDouble Socket PVC/SWR pipe 4 Kg/sq.cm	Each	435
350	MAT01903	BMW -G.16	110 mm dia 3 MDouble Socket PVC/SWR pipe 4 Kg/sq.cm	Each	533
351	MAT01904	BMW -G.17	75 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	171
352	MAT01905	BMW -G.18	90 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	262
353	MAT01906	BMW -G.19	110 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 4 Kg/sq.cm	Each	326
354	MAT01907	BMW -G.20	75 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	181
355	MAT01908	BMW -G.21	90 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	279
356	MAT01909	BMW -G.22	110 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	337
357	MAT01910	BMW -G.23	75 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	124
358	MAT01911	BMW -G.24	90 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	192
359	MAT01912	BMW -G.25	110 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	230
360	MAT01913	BMW -G.26	75 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	106
361	MAT01914	BMW -G.27	90 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	155
362	MAT01915	BMW -G.28	110 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	199
363	MAT01916	BMW -G.29	75 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	64

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
364	MAT01917	BMW -G.30	90 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	107
365	MAT01918	BMW -G.31	110 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	134
366	MAT01919	BMW -G.32	160 MM dia 3 M Double Socket PVC/SWR pipe 4 Kg/sq.cm	Each	1091
367	MAT01920	BMW -G.33	75 mm dia 3 M Single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	410
368	MAT01921	BMW -G.34	90 mm dia 3 M single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	660
369	MAT01922	BMW -G.35	110 mm dia 3 M Single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	784
370	MAT01923	BMW -G.36	75 mm dia 3 MDouble Socket PVC/SWR pipe 6 Kg/sq.cm	Each	448
371	MAT01924	BMW -G.37	90 mm dia 3 MDouble Socket PVC/SWR pipe 6 Kg/sq.cm	Each	709
372	MAT01925	BMW -G.38	110 mm dia 3 MDouble Socket PVC/SWR pipe 6 Kg/sq.cm	Each	865
373	MAT01926	BMW -G.39	75 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	270
374	MAT01927	BMW -G.40	90 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	417
375	MAT01928	BMW -G.41	110 mm dia 1828.8 mm (6'0") Single Socket PVC/SWR pipe 6 Kg/sq.cm	Each	496
376	MAT01929	BMW -G.42	75 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	287
377	MAT01930	BMW -G.43	90 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	435
378	MAT01931	BMW -G.44	110 mm dia 1828.8 mm (6'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	537
379	MAT01932	BMW -G.45	75 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	195
380	MAT01933	BMW -G.46	90 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	301
381	MAT01934	BMW -G.47	110 mm dia 1219. mm (4'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	366
382	MAT01935	BMW -G.48	75 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	168
383	MAT01936	BMW -G.49	90 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	246
384	MAT01937	BMW -G.50	110 mm dia 914.4mm (3'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	298
385	MAT01938	BMW -G.51	75 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	109
386	MAT01939	BMW -G.52	90 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	169
387	MAT01940	BMW -G.53	110 mm dia 609.6mm (2'0") Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	215
388	MAT01941	BMW -G.54	160 mm dia 3 M Double Socket PVC/SWR pipe 6 Kg/sq.cm	Each	1783

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
389	MAT01942	BMW -G.55	75 mm dia Plain Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	48
390	MAT01943	BMW -G.56	90 mm dia Plain Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	66
391	MAT01944	BMW -G.57	110 mm dia Plain Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	79
392	MAT01945	BMW -G.58	75 mm dia Door Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	64
393	MAT01946	BMW -G.59	90 mm dia Door Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	89
394	MAT01947	BMW -G.60	110 mm dia Door Bend 87.5 Degree UPVC/SWR Pipe fittings	Each	103
395	MAT01948	BMW -G.61	75 mm dia 45 Degree Bend UPVC/SWR Pipe fittings	Each	38
396	MAT01949	BMW -G.62	90 mm dia 45 Degree Bend UPVC/SWR Pipe fittings	Each	52
397	MAT01950	BMW -G.63	110 mm dia 45 Degree Bend UPVC/SWR Pipe fittings	Each	66
398	MAT01951	BMW -G.64	75 mm dia Cleaning Pipe UPVC/SWR Pipe fittings	Each	64
399	MAT01952	BMW -G.65	90 mm dia Cleaning Pipe UPVC/SWR Pipe fittings	Each	92
400	MAT01953	BMW -G.66	110 mm dia Cleaning Pipe UPVC/SWR Pipe fittings	Each	112
401	MAT01954	BMW -G.67	75 mm dia Single Tee UPVC/SWR Pipe fittings	Each	57
402	MAT01955	BMW -G.68	90 mm dia Single Tee UPVC/SWR Pipe fittings	Each	84
403	MAT01956	BMW -G.69	110 mm dia Single Tee UPVC/SWR Pipe fittings	Each	103
404	MAT01957	BMW -G.70	75 mm dia Single Tee with Door UPVC/SWR Pipe fittings	Each	69
405	MAT01958	BMW -G.71	90 mm dia Single Tee with Door UPVC/SWR Pipe fittings	Each	103
406	MAT01959	BMW -G.72	110 mm dia Single Tee with Door UPVC/SWR Pipe fittings	Each	123
407	MAT01960	BMW -G.73	75 mm dia Double Tee UPVC/SWR Pipe fittings	Each	108
408	MAT01961	BMW -G.74	90 mm dia Double Tee UPVC/SWR Pipe fittings	Each	174
409	MAT01962	BMW -G.75	110 mm dia Double Tee UPVC/SWR Pipe fittings	Each	205
410	MAT01963	BMW -G.76	75 mm dia Double Tee with Door UPVC/SWR Pipe fittings	Each	144
411	MAT01964	BMW -G.77	90 mm dia Double Tee with Door UPVC/SWR Pipe fittings	Each	272
412	MAT01965	BMW -G.78	110 mm dia Double Tee with Door UPVC/SWR Pipe fittings	Each	265
413	MAT01966	BMW -G.79	75 mm dia Single 'Y' UPVC/SWR Pipe fittings	Each	71
414	MAT01967	BMW -G.80	90 mm dia Single 'Y' UPVC/SWR Pipe fittings	Each	112
415	MAT01968	BMW -G.81	110 mm dia Single 'Y' UPVC/SWR Pipe fittings	Each	130
416	MAT01969	BMW -G.82	75 mm dia Single 'Y' with Door UPVC/SWR Pipe fittings	Each	89
417	MAT01970	BMW -G.83	90 mm dia Single 'Y' with Door UPVC/SWR Pipe fittings	Each	142
418	MAT01971	BMW -G.84	110 mm dia Single 'Y' with Door UPVC/SWR Pipe fittings	Each	163
419	MAT01972	BMW -G.85	75 mm dia Double 'Y' UPVC/SWR Pipe fittings	Each	95

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
420	MAT01973	BMW -G.86	90 mm dia Double 'Y' UPVC/SWR Pipe fittings	Each	150
421	MAT01974	BMW -G.87	110 mm dia Double 'Y' UPVC/SWR Pipe fittings	Each	171
422	MAT01975	BMW -G.88	75 mm dia Double 'Y' with Door UPVC/SWR Pipe fittings	Each	125
423	MAT01976	BMW -G.89	90 mm dia Double 'Y' with Door UPVC/SWR Pipe fittings	Each	195
424	MAT01977	BMW -G.90	110 mm dia Double 'Y' with Door UPVC/SWR Pipe fittings	Each	219
425	MAT01978	BMW -G.91	75 mm dia Coupler UPVC/SWR Pipe fittings	Each	35
426	MAT01979	BMW -G.92	90 mm dia Coupler UPVC/SWR Pipe fittings	Each	49
427	MAT01980	BMW -G.93	110 mm dia Coupler UPVC/SWR Pipe fittings	Each	55
428	MAT01981	BMW -G.94	90 x 75 mm dia Reducer UPVC/SWR Pipe fittings	Each	57
429	MAT01982	BMW -G.95	110 x 75 mm dia Reducer UPVC/SWR Pipe fittings	Each	55
430	MAT01983	BMW -G.96	90 x 110mm dia Reducer UPVC/SWR Pipe fittings	Each	76
431	MAT01984	BMW -G.97	63 mm dia Vent Cowl UPVC/SWR Pipe fittings	Each	9
432	MAT01985	BMW -G.98	75 mm dia Vent Cowl UPVC/SWR Pipe fittings	Each	14
433	MAT01986	BMW -G.99	90 mm dia Vent Cowl UPVC/SWR Pipe fittings	Each	17
434	MAT01987	BMW-G.100	110 mm dia Vent Cowl UPVC/SWR Pipe fittings	Each	19
435	MAT01988	BMW-G.101	40 mm dia Pipe Clip UPVC/SWR Pipe fittings Pipe Clip UPVC/SWR Pipe fittings	Each	10
436	MAT01989	BMW-G.102	50 mm dia Pipe Clip UPVC/SWR Pipe fittings	Each	14
437	MAT01990	BMW-G.103	63 mm dia Pipe Clip UPVC/SWR Pipe fittings	Each	14
438	MAT01991	BMW-G.104	75 mm dia Pipe Clip UPVC/SWR Pipe fittings	Each	16
439	MAT01992	BMW-G.105	90 mm dia Pipe Clip UPVC/SWR Pipe fittings	Each	17
440	MAT01993	BMW-G.106	110 mm Pipe Clip UPVC/SWR Pipe fittings	Each	18
441	MAT01994	BMW-G.107	160 mm dia Pipe Clip UPVC/SWR Pipe fittings	Each	35
442	MAT01995	BMW-G.108	P' Trap (Small without Air vent) 110 mm UPVC/SWR Pipe fittings	Each	178
443	MAT01996	BMW-G.109	P' Trap (Small with Air vent) 110 mm UPVC/SWR Pipe fittings	Each	197
444	MAT01997	BMW-G.110	P' Trap (Big with Air vent) 110 mm UPVC/SWR Pipe fittings	Each	224
445	MAT01998	BMW-G.111	P' Trap (Big without Air vent) 110 mm UPVC/SWR Pipe fittings	Each	207
446	MAT01999	BMW-G.112	Floor Trap (Bell Mouth) 110 mm UPVC/SWR Pipe fittings	Each	215
447	MAT02000	BMW-G.113	Bell Mouth Trap 7 " (177.8 mm) UPVC/SWR Pipe fittings	Each	313

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
448	MAT02001	BMW-G.114	4" (101.6 mm) Nahany Trap (Without Jali with inlet)UPVC/SWR Pipe fittings	Each	92
449	MAT02002	BMW-G.115	3" (76.2 mm) Nahany Trap (without Jali without inlet)UPVC/SWR Pipe fittings	Each	83
450	MAT02003	BMW-G.116	4" (101.6 mm) Nahany Trap (without inlet with out Jali)UPVC/SWR Pipe fittings	Each	92
451	MAT02004	BMW-G.117	Mini Trap UPVC/SWR Pipe fittings	Each	51
452	MAT02005	BMW-G.118	3" (76.2 mm) Nahany Trap with Jali UPVC/SWR Pipe fittings	Each	95
453	MAT02006	BMW-G.119	4" (101.6 mm) multi floor trap with Jali UPVC/SWR Pipe fittings	Each	137
454	MAT02007	BMW-G.120	4" (101.6) multi floor trap with out Jalli UPVC/SWR Pipe fittings	Each	107
455	MAT02008	BMW-G.121	Round Jali UPVC/SWR Pipe fittings	Each	23
456	MAT02009	BMW-G.122	Square tile & Jalli UPVC/SWR Pipe fittings	Each	38
457	MAT02010	BMW-G.123	Pipe connector(with LIP ring) UPVC/SWR Pipe fittings	Each	137
458	MAT02011	BMW-G.124	Pipe connector(with out LIP ring) UPVC/SWR Pipe fittings	Each	111
459	MAT02012	BMW-G.125	4" (101.6 mm) Floor Trap UPVC/SWR Pipe fittings	Each	132
460	MAT02013	BMW-G.126	5" (127.mm) floor Trap UPVC/SWR Pipe fittings	Each	139
461	MAT02014	BMW-G.127	75 mm dia Door cap UPVC/SWR Pipe fittings	Each	36
462	MAT02015	BMW-G.128	90 mm dia Door cap UPVC/SWR Pipe fittings	Each	61
463	MAT02016	BMW-G.129	110 mm dia Door cap UPVC/SWR Pipe fittings	Each	51
464	MAT02017	BMW-G.130	75 mm dia Socket plug UPVC/SWR Pipe fittings	Each	35
465	MAT02018	BMW-G.131	90 mm dia Socket plug UPVC/SWR Pipe fittings	Each	59
466	MAT02019	BMW-G.132	110 mm dia Socket plug UPVC/SWR Pipe fittings	Each	61
467	MAT02020	BMW-G.133	75 mm dia Rubber ring for Socket UPVC/SWR Pipe fittings	Each	8
468	MAT02021	BMW-G.134	90 mm dia Rubber ring for Socket UPVC/SWR Pipe fittings	Each	9
469	MAT02022	BMW-G.135	110 mm dia Rubber ring for Socket UPVC/SWR Pipe fittings	Each	10
470	MAT02023	BMW-G.136	75 mm dia Door Socket UPVC/SWR Pipe fittings	Each	9

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
471	MAT02024	BMW - G.137	90 mm dia Door Socket UPVC/SWR Pipe fittings	Each	10
472	MAT0202627	BMW-G.138	110 mm dia Door Socket UPVC/SWR Pipe fittings	Each	14
473	MAT02026	BMW-G.139	LIP ring 110 mm UPVC/SWR Pipe fittings	Each	65
474	MAT02027	BMW-G.140	Rubber Lubricant 100 Grams	Each	25
475	MAT02028	BMW-G.141	Rubber Lubricant 250Grams	Each	49
476	MAT02029	BMW-G.142	Rubber Lubricant 500 Grams	Each	87
477	MAT02030	BMW-G.143	Rubber Lubricant 1000 Grams	Each	207
478	MAT02031	BMW-G.144	P' Trap with lip UPVC/SWR Pipe fittings	Each	282
479	MAT02032	BMW-G.145	50 ml Solvent Cement	Each	16
480	MAT02033	BMW-G.146	100 ml Solvent Cement	Each	24
481	MAT02034	BMW-G.147	250 ml Solvent Cement	Each	57
482	MAT02035	BMW-G.148	500 ml Solvent Cement	Each	110
483	MAT02036	BMW-G.149	1000 ml Solvent Cement	Each	215
484	MAT02037	BMW-G.150	110mm x 90 mm Internal Reducer UPVC/SWR Pipe fittings	Each	85
485	MAT02038	BMW-G.151	160 mm x 110 mm Internal Reducer UPVC/SWR Pipe fittings	Each	213
486	LAB00259	BMW-G.152	Labour charges for laying, fixing and commissioning the PVC pipes including couplers/ bends/ tees etc any diameter including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with solvent jointing as per standard practice	1 RM	86
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
		H	**CENTRIFUGAL CAST IRON PIPES & FITTNGS AS PERIS: 3989 1984**		
487	MAT02039	BMW -H.01	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1420
488	MAT02040	BMW -H.02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1890
489	MAT02041	BMW -H.03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	3463
490	MAT02042	BMW -H.04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	1575
491	MAT02043	BMW -H.05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	2125
492	MAT02044	BMW -H.06	75 mm dia 9'0" (2743.2 mm) CI (Spun) pipes	Each	1276

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
493	MAT02045	BMW -H.07	100 mm dia 9'0" (2743.2 mm) CI (Spun) pipes	Each	1705
494	MAT02046	BMW -H.08	75 mm dia 8'0" (2438.4 mm) CI (Spun) pipes	Each	1142
495	MAT02047	BMW -H.09	100 mm dia 8'0" (2438.4 mm) CI (Spun) pipes	Each	1517
496	MAT02048	BMW -H.10	75 mm dia 6'0" (1828.8 mm) CI (Spun) pipes	Each	929
497	MAT02049	BMW -H.11	100 mm dia 6'0" (1828.8 mm) CI (Spun) pipes	Each	1211
498	MAT02050	BMW -H.12	75 mm dia 6'0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	976
499	MAT02051	BMW -H.13	100 mm dia 6'0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	1211
500	MAT02052	BMW -H.14	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	339
501	MAT02053	BMW -H.15	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	390
502	MAT02054	BMW -H.16	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	485
503	MAT02055	BMW -H.17	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	558
504	MAT02056	BMW -H.18	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	1065
505	MAT02057	BMW -H.19	75 mm diaCut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	670
506	MAT02058	BMW -H.20	100 mm diaCut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	738
507	MAT02059	BMW -H.21	150 mm diaCut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	1334
508	MAT02060	BMW -H.22	75 mm diaCut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	1027
509	MAT02061	BMW -H.23	100 mm diaCut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	1384
510	MAT02062	BMW -H.24	75 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1129
511	MAT02063	BMW -H.25	100 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	1689
512	MAT02064	BMW -H.26	75 mm dia Plain Bend CI (Spun) fittings	Each	348
513	MAT02065	BMW -H.27	100 mm dia Plain Bend CI (Spun) fittings	Each	411
514	MAT02066	BMW -H.28	150 mm dia Plain Bend CI (Spun) fittings	Each	976
515	MAT02067	BMW -H.29	75 mm dia Door Bend CI (Spun) fittings	Each	361
516	MAT02068	BMW -H.30	100 mm dia Door Bend CI (Spun) fittings	Each	468
517	MAT02069	BMW -H.31	150 mm dia Door Bend CI (Spun) fittings	Each	1070
518	MAT02070	BMW -H.32	75 mm dia Plain Bend 45 Degrees CI (Spun) fittings	Each	348
519	MAT02071	BMW -H.33	100 mm dia Plain Bend 45 Degrees CI (Spun) fittings	Each	411
520	MAT02072	BMW -H.34	150 mm dia Plain Bend 45 Degrees CI (Spun) fittings	Each	976
521	MAT02073	BMW -H.35	75 mm dia Door Bend 45 Degrees CI (Spun) fittings	Each	361

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
522	MAT02074	BMW -H.36	100 mm dia Door Bend 45 Degrees CI (Spun) fittings	Each	468
523	MAT02075	BMW -H.37	150 mm dia Door Bend 45 Degrees CI (Spun) fittings	Each	1070
524	MAT02076	BMW -H.38	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia CI (Spun) fittings	Each	709
525	MAT02077	BMW -H.39	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia CI (Spun) fittings	Each	829
526	MAT02078	BMW -H.40	75 mm dia Heel Rest Bend CI (Spun) fittings	Each	370
527	MAT02079	BMW -H.41	100 mm dia Heel Rest Bend CI (Spun) fittings	Each	474
528	MAT02080	BMW -H.42	150 mm dia Heel Rest Bend CI (Spun) fittings	Each	1008
529	MAT02081	BMW -H.43	75 mm dia Single Branch Plain "T" CI (Spun) fittings	Each	468
530	MAT02082	BMW -H.44	100 mm dia Single Branch Plain "T" CI (Spun) fittings	Each	630
531	MAT02083	BMW -H.45	150 mm dia Single Branch Plain "T" CI (Spun) fittings	Each	1302
532	MAT02084	BMW -H.46	75 mm dia Single Branch Door "T" CI (Spun) fittings	Each	552
533	MAT02085	BMW -H.47	100 mm dia Single Branch Door "T" CI (Spun) fittings	Each	731
534	MAT02086	BMW -H.48	150 mm dia Single Branch Door "T" CI (Spun) fittings	Each	1373
535	MAT02087	BMW -H.49	75 mm dia Single Branch plain "Y" CI (Spun) fittings	Each	552
536	MAT02088	BMW -H.50	100 mm dia Single Branch plain "Y" CI (Spun) fittings	Each	731
537	MAT02089	BMW -H.51	150 mm dia Single Branch plain "Y" CI (Spun) fittings	Each	1613
538	MAT02090	BMW -H.52	75 mm dia Single Branch Door "Y" CI (Spun) fittings	Each	604
539	MAT02091	BMW -H.53	100 mm dia Single Branch Door "Y" CI (Spun) fittings	Each	808
540	MAT02092	BMW -H.54	150 mm dia Single Branch Door "Y" CI (Spun) fittings	Each	1736
541	MAT02093	BMW -H.55	75 mm dia Double Branch Plain "T" CI (Spun) fittings	Each	637
542	MAT02094	BMW -H.56	100 mm dia Double Branch Plain "T" CI (Spun) fittings	Each	860
543	MAT02095	BMW -H.57	75 mm dia Double Branch Door "T" CI (Spun) fittings	Each	711
544	MAT02096	BMW -H.58	100 mm dia Double Branch Door "T" CI (Spun) fittings	Each	897
545	MAT02097	BMW -H.59	75 mm dia Double Branch Plain "Y" CI (Spun) fittings	Each	711
546	MAT02098	BMW -H.60	100 mm dia Double Branch Plain "Y" CI (Spun) fittings	Each	897
547	MAT02099	BMW -H.61	75 mm dia Double Branch Door "Y" CI (Spun) fittings	Each	750
548	MAT02100	BMW -H.62	100 mm dia Double Branch Door "Y" CI (Spun) fittings	Each	972
549	MAT02101	BMW -H.63	75 mm dia Shoe Bend CI (Spun) fittings	Each	441
550	MAT02102	BMW -H.64	100 mm dia Shoe Bend CI (Spun) fittings	Each	516
551	MAT02103	BMW -H.65	150 mm dia Shoe Bend CI (Spun) fittings	Each	1045
552	MAT02104	BMW -H.66	75 mm dia Collar CI (Spun) fittings	Each	301
553	MAT02105	BMW -H.67	100 mm dia Collar CI (Spun) fittings	Each	365
554	MAT02106	BMW -H.68	150 mm dia Collar CI (Spun) fittings	Each	750
555	MAT02107	BMW -H.69	75 mm dia Cowl CI (Spun) fittings	Each	267
556	MAT02108	BMW -H.70	100 mm dia Cowl CI (Spun) fittings	Each	301
557	MAT02109	BMW -H.71	150 mm dia Cowl CI (Spun) fittings	Each	675

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
558	MAT02110	BMW -H.72	75 mm dia Offset 3" (76.2 mm) projection CI (Spun) fittings	Each	345
559	MAT02111	BMW -H.73	100 mm dia Offset 3" (76.2 mm) projection CI (Spun) fittings	Each	468
560	MAT02112	BMW -H.74	150 mm dia Offset 3" (76.2 mm) projection CI (Spun) fittings	Each	944
561	MAT02113	BMW -H.75	75 mm dia Offset 6" (152.4mm) projection CI (Spun) fittings	Each	422
562	MAT02114	BMW -H.76	100 mm dia Offset 6" (152.4mm) projection CI (Spun) fittings	Each	552
563	MAT02115	BMW -H.77	150 mm dia Offset 6" (152.4mm) projection CI (Spun) fittings	Each	1098
564	MAT02116	BMW -H.78	75 mm diaLong Door Bend CI (Spun) fittings	Each	885
565	MAT02117	BMW -H.79	100 mm diaLong Door Bend CI (Spun) fittings	Each	952
566	MAT02118	BMW -H.80	75 mm dia Hand Hole pipe (Inspection pipe)	Each	508
567	MAT02119	BMW -H.81	100 mm dia Hand Hole pipe (Inspection pipe)	Each	693
568	MAT02120	BMW -H.82	150 mm dia Hand Hole pipe (Inspection pipe)	Each	923
569	MAT02121	BMW -H.83	75 mm dia P Traps CI (Spun) fittings	Each	552
570	MAT02122	BMW -H.84	100 mm dia P Traps CI (Spun) fittings	Each	755
571	MAT02123	BMW -H.85	4" x 3" (101.6 mm x 76.2mm) P. Traps 100 mm dia CI (Spun) fittings	Each	866
572	MAT02124	BMW -H.86	4" x 3" (101.6 mm x 76.2mm) Vent Traps 100 mm dia CI (Spun) fittings	Each	866
573	MAT02125	BMW -H.87	4" x 3" (101.6 mm x 76.2mm) Reducer 75 mm dia CI (Spun) fittings	Each	538
574	MAT02126	BMW -H.88	6" x 4" (152.4 mm x101.6 mm) Reducer 75 mm dia CI (Spun) fittings	Each	736
575	MAT02127	BMW -H.89	3" x 2" (76.2 mm x 50.8 mm) plain T 75 mm dia CI (Spun) fittings	Each	459
576	MAT02128	BMW -H.90	3" x 2" (76.2 mm x 50.8 mm) Door T 75 mm dia CI (Spun) fittings	Each	718
577	MAT02129	BMW -H.91	3" x 2" (76.2 mm x 50.8 mm) Plain Y 75 mm dia CI (Spun) fittings	Each	718
578	MAT02130	BMW -H.92	3" x 2" (76.2 mm x 50.8 mm) Door Y 75 mm dia CI (Spun) fittings	Each	718
579	MAT02131	BMW -H.93	4" x 3" (101.6 mm x 76.2mm) Plain T75 mm dia CI (Spun) fittings	Each	718
580	MAT02132	BMW -H.94	4" x 3" (101.6 mm x 76.2mm) Door T75 mm dia CI (Spun) fittings	Each	759
581	MAT02133	BMW -H.95	4" x 3" (101.6 mm x 76.2mm) Plain Y75 mm dia CI (Spun) fittings	Each	759
582	MAT02134	BMW -H.96	4" x 3" (101.6 mm x 76.2mm) DoorY75 mm dia CI (Spun) fittings	Each	812
583	MAT02135	BMW -H.97	6" x 4" (152.4 mm x101.6 mm) Plain T 75 mm dia CI (Spun) fittings	Each	1062

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
584	MAT02136	BMW -H.98	6" x 4" (152.4 mm x101.6 mm)Door T 75 mm dia CI (Spun) fittings	Each	1150
585	MAT02137	BMW -H.99	6" x 4" (152.4 mm x101.6 mm) Plain Y 75 mm dia CI (Spun) fittings	Each	1218
586	MAT02138	BMW-H.100	6" x 4" (152.4 mm x101.6 mm)DoorY 75 mm dia CI (Spun) fittings	Each	1487
587	MAT02139	BMW-H.101	75 mm diaPlain " T" 27 " (685.8 mm) Special Types of Long Fittings	Each	1542
588	MAT02140	BMW-H.102	100 mm dia Plain " T" 27 " (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2164
589	MAT02141	BMW-H.103	75 mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1721
590	MAT02142	BMW-H.104	100mm dia Door "T" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	2378
591	MAT02143	BMW-H.105	75 mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1721
592	MAT02144	BMW-H.106	100mm diaPlain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2378
593	MAT02145	BMW-H.107	75 mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	1918
594	MAT02146	BMW-H.108	100mm dia Door " Y" 27" (685.8 mm)Special Types of Long CI (Spun) fittings	Each	2611
In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.					
		I	**MISCELLANEOUS ITEMS**		
595	MAT02147	BMW -I.01	a) Supplying & Fixing solder joints up to 50.8 mm dia	Each	64
596	LAB00260	BMW -I.02	b) do labour charges only	Each	23
597	MAT02148	BMW -I.03	a) Supplying & Fixing solution joints up to 50.8 dia Ist quality.	Each	14
598	LAB00261	BMW -I.04	b) do labour charges only	Each	3
599	MAT02149	BMW -I.05	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	36
600	MAT02150	BMW -I.06	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	167
601	MAT02151	BMW -I.07	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	36
602	MAT02152	BMW -I.08	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete	Each	2151
603	LAB00262	BMW -I.09	b) do labour charges only	Each	509
604	MAT02153	BMW -I.10	a) S & F NP shower spray fancy with NP Flexible pipe	Each	576
605	LAB00263	BMW -I.11	b) do labour charges only	Each	169
606	MAT02154	BMW -I.12	a) S & F NP cover for Nahany trap	Each	33
607	LAB00264	BMW -I.13	b) do labour charges only	Each	23
608	MAT02155	BMW -I.14	a) Painting the flushing tank with white enamel paint	Each	122

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
609	LAB00265	BMW -I.15	b) do labour charges only	Each	82
610	MAT02156	BMW -I.16	S & F internal fittings for flush tank Parryplast wonder flush or equivalent	Each	788
611	MAT02157	BMW -I.17	Repairing and over hauling flushing tank	Each	93
612	MAT02158	BMW -I.18	a) Supplying & Fixing NP chain rubber and plug for basin	Each	43
613	LAB00266	BMW -I.19	b) do labour charges only	Each	9
614	MAT02159	BMW -I.20	a) S & F 25.4 mm dia& 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	166
615	LAB00267	BMW -I.21	b) do labour charges only	Each	57
616	MAT02160	BMW -I.22	a) S & F 19.04 mm dia& 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	148
617	LAB00268	BMW -I.23	b) do labour charges only	Each	86
618	MAT02161	BMW -I.24	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	211
619	LAB00269	BMW -I.25	b) do labour charges only	Each	71
620	MAT02162	BMW -I.26	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	69
621	LAB00270	BMW -I.27	b) do labour charges only	Each	15
622	MAT02163	BMW -I.28	a) S & F NP soap dish heavy type with NP SCREWS	Each	236
623	LAB00271	BMW -I.29	b) do labour charges only	Each	16
624	MAT02164	BMW -I.30	a) S &F NP holder brackets with screws	Each	50
625	LAB00272	BMW -I.31	b) do labour charges only	Each	18
626	MAT02165	BMW -I.32	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	237
627	LAB00273	BMW -I.33	b) do labour charges only	Each	29
628	MAT02166	BMW -I.34	a) S & F 31.75 mm C.P TRAPS	Each	311
629	LAB00274	BMW -I.35	b) do labour charges only	Each	57
630	MAT02167	BMW -I.36	a) Supplying & fixing 88.9 mm A.C cowls	Each	71
631	LAB00275	BMW -I.37	b) do labour charges only	Each	18
632	MAT02168	BMW -I.38	a)Supplying & fixing A.CCowl 63.5 mm dia	Each	49
633	LAB00276	BMW -I.39	b) do labour charges only	Each	15
634	MAT02169	BMW -I.40	Removing and refixing W.C s	Each	222
635	MAT02170	BMW -I.41	Removing and refixing wash hand basins of any size with fittings complete	Each	213
636	MAT02171	BMW -I.42	a)S & F 76.2 x 101.6 mm teak wood block complete	Each	26
637	LAB00277	BMW -I.43	b) do labour charges only	Each	13
638	LAB00278	BMW -I.44	Cutting holes in C.C; basement & repairs Labour charges only	Each	132
639	LAB00279	BMW -I.45	Cutting holes in stone masonry& basement and repairs Labour charges only	Each	88
640	LAB00280	BMW -I.46	Cutting holes in Brick masonry& repairs Labour charges	Each	59

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
			only		
641	LAB00281	BMW -I.47	Cutting holes in RCC slab floor & repairs Labour charges only	Each	88
642	MAT02172	BMW -I.48	a)Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	97
643	LAB00282	BMW -I.49	b) do labour charges only	Each	21
644	MAT02173	BMW -I.50	a) S & F 12.7 mm .M.P couplings	Each	36
645	LAB00283	BMW -I.51	b) do labour charges only	Each	15
646	MAT02174	BMW -I.52	a) S & F 19.05 mm M.P couplings	Each	43
647	LAB00284	BMW -I.53	b) do labour charges only	Each	15
648	MAT02175	BMW -I.54	a) S& F MP coupling 25.4 mm dia	Each	93
	LAB00285		b) do labour charges only	Each	15
649	MAT02176	BMW -I.55	a) S & FPVC Rubber adopter for LLC and bend	Each	20
650	LAB00286	BMW -I.56	b) do labour charges only	Each	10
651	MAT02177	BMW -I.57	a) S& F 31.75 mm Brass union nuts	Each	36
652	LAB00287	BMW -I.58	b) do labour charges only	Each	9
653	MAT02178	BMW -I.59	a) S& F 38.1 mm Brass union nuts	Each	39
654	LAB00288	BMW -I.60	b) do labour charges only	Each	13
655	MAT02179	BMW -I.61	a) Constructing Brick masonry chamber over the gully trap or peet valve and fitted with 304.8 x 228.6 m size CI frame and hinged cover.	Each	479
656	LAB00289	BMW -I.62	b) do labour charges only	Each	127
657	MAT02180	BMW -I.63	a) Constructing Brick masonry support for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size includingplastering and finishing etc. complete.	Each	78
658	LAB00290	BMW -I.64	b) do labour charges only	Each	28
659	MAT02181	BMW -I.65	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	125
660	LAB00291	BMW -I.66	b) do labour charges only	Each	45
661	MAT02182	BMW -I.67	a) Supplying & fixing CI Nahany trap grating	Each	22
662	LAB00292	BMW -I.68	b) do labour charges only	Each	15
663	MAT02183	BMW -I.69	a) Supplying & fixing CI gully trap grating	Each	51
664	LAB00293	BMW -I.70	b) do labour charges only	Each	15
665	MAT02184	BMW -I.71	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	20
666	LAB00294	BMW -I.72	b) do labour charges only	Each	13
667	MAT02185	BMW -I.73	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	19
668	LAB00295	BMW -I.74	b) do labour charges only	Each	9
669	MAT02186	BMW -I.75	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	41
670	LAB00296	BMW -I.76	b) do labour charges only	Each	15

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
671	MAT02187	BMW -I.77	Removing 12.7 mm GIpipe and refixing the same	Mr.	67
672	MAT02188	BMW -I.78	Removing 19.05 mm GIpipe and refixing the same	Mr.	74
673	MAT02189	BMW -I.79	Removing 25.4 mm GIpipe and refixing the same	Mr.	111
674	MAT02190	BMW -I.80	Removing 38.1 mm GIpipe and refixing the same	Rm	140
675	MAT02191	BMW -I.81	Removing 50.8 mm GIpipe and refixing the same	Rm	163
676	MAT02192	BMW -I.82	Cleaning the W.C with acid and Vim powder	Each	46
677	MAT02193	BMW -I.83	Cleaning the Urinal with acid and Vim power	Each	46
678	MAT02194	BMW -I.84	Cleaning the wash basin with acid and Vim powder	Each	46
679	MAT02195	BMW -I.85	Cleaning theE.W.C with acid and Vim power	Each	46
680	MAT02196	BMW -I.86	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1965
681	MAT02197	BMW -I.87	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	2909
682	LAB00297	BMW -I.88	b) do labour charges only	Each	178
683	MAT02198	BMW -I.89	a) Supplying & fixing CI steps for septic tank.	Each	65
684	LAB00298	BMW -I.90	b) do labour charges only	Each	15
685	MAT02199	BMW -I.91	a) Supplying & fixing 50.8cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (20 Kgs Light weight)	Each	1272
686	LAB00299	BMW -I.92	b) do labour charges only	Each	178
687	MAT02200	BMW -I.93	a) Supplying & fixing 50.8cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber(Medium weight) as per IS:1726 40 Kgs	Each	2639
688	LAB00300	BMW -I.94	b) do labour charges only	Each	452
689	LAB00301	BMW -I.95	Cost. 50.8 mm thick RCM baffle wall with 2.267 Kg steel & rabbit wire mesh in CM 1:3 with fine rendering in neat cement labour charges Only	1Sqm	241
690	MAT02201	BMW -I.96	a) Cost. 50.8 mm RCC partition wall	1Sqm	270
691	LAB00302	BMW -I.97	b) do labour charges only	1 Sqm	57
692	MAT02202	BMW -I.98	a)S& F double layer of bamboo matting tarred on both sides.	10 Sqm	620
693	LAB00303	BMW -I.99	b) do labour charges only	10 Sqm	155
694	MAT02203	BMW -I.100	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	36
695	MAT02204	BMW -I.101	a) Supplying & fixing 76.2 mm W.I clamps	Each	26
696	LAB00304	BMW -I.102	b) do labour charges only	Each	13
697	MAT02205	BMW -I.103	a) Supplying & fixing NP coat hook	Each	47
698	LAB00305	BMW -I.104	b) do labour charges only	Each	15
699	MAT02206	BMW -I.105	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457 .2 mm	Each	515
700	LAB00306	BMW -I.106	b) do labour charges only	Each	144
701	MAT02207	BMW -I.107	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	11

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
702	LAB00307	BMW -I.108	b) do labour charges only	Each	2
703	MAT02208	BMW -I.109	a) Supplying & fixing 19.06 mm dia GI plug	Each	15
704	LAB00308	BMW -I.110	b) do labour charges only	Each	2
705	MAT02209	BMW -I.111	a) Supplying and fixing 38.1 mm dia of GI plug	Each	71
706	LAB00309	BMW -I.112	b) do labour charges only	Each	13
707	MAT02210	BMW -I.113	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	109
708	LAB00310	BMW -I.114	b) do labour charges only	Each	15
709	MAT02211	BMW -I.115	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	195
710	LAB00311	BMW -I.116	b) do labour charges only	Each	23
711	MAT02212	BMW -I.117	a) Supplying & fixing C.P flange.	Each	26
712	LAB00312	BMW -I.118	b) do labour charges only	Each	11
713	MAT02213	BMW -I.119	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	7341
714	LAB00313	BMW -I.120	b) do labour charges only	Each	642
715	MAT02214	BMW -I.121	a) Supplying & fixing SINGLE BOWL stainless steel sink size 24"x18"x8 "(609.6 x 457.2 x 203.2mm) 1 mm thick with accessories	Each	5786
716	LAB00314	BMW -I.122	b) do labour charges only	Each	622
717	MAT02215	BMW -I.123	a) Supplying & fixing stainless steel sink size 20" x18" x 8 "(508x457.2x203.2mm) 1 mm thick with accessories	Each	5261
718	MAT02216	BMW -I.124	b) do labour charges only	Each	570
719	MAT02217	BMW -I.125	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	535
720	MAT02218	BMW -I.126	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock Indian make heavy type including all materials	Each	968
721	MAT02219	BMW -I.127	Supply & fixing 2 1/2" (63.5mm) dia Sluice valve ISI mark with 2 Nos. flanges, 8 nos, 3/4" dia nuts & bolts and all necessary washers and packing materials etc. complete	Each	5300
722	MAT02220	BMW -I.128	Supply & fixing porcelain P' trap	Each	228
723	MAT02221	BMW -I.129	Supplying & fixing oval shape basin w hite (520x410mm)parry or equivalent	Each	2426
724	MAT02222	BMW -I.130	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	718
725	MAT02223	BMW -I.131	Supply & fixing cp spl. Grating with frame and cover of 1st quality	Each	62
726	MAT02224	BMW -I.132	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	388
727	MAT02225	BMW -I.133	Supply & fixing of LLC handle set 1stquality	Each	77
728	MAT02226	BMW -I.134	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000 Lit	54
729	MAT02227	BMW -I.135	Supply & fixing 4" dia CP thimble pipe: 150 mm long	Each	405
730	MAT02228	BMW -I.136	Supply & fixing 4" dia CP thimble pipe:220 mm long	Each	604

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
731	MAT02229	BMW -I.137	Supply & fixing 4" dia CP thimble pipe: 300 mm long	Each	806
732	MAT02230	BMW -I.138	Supply & fixing CP long bend	Each	341
733	MAT02231	BMW -I.139	Supply & fixing CP short bend	Each	172
734	MAT02232	BMW -I.140	Supplying & fixing 15 mm bib tap with flange Chromeum plated	Each	1683
735	MAT02233	BMW -I.141	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook with 7 years warranty Chrome plated	Each	4263
736	MAT02234	BMW -I.142	Supply & fixing 2 in 1 bib cock cum health faucet with 1 m long flexible tube and wall hook with7 years warranty: Ivory gold	Each	7168
737	MAT02235	BMW -I.143	Supply & fixing pillar cock with 7years warranty: Chrome plated	Each	1767
738	MAT02236	BMW -I.144	Supply & fixing pillar cock with 7years warranty: Ivory gold	Each	3016
739	MAT02237	BMW -I.145	Supply & fixing Angular stop cocks with wall flange with 7 years warranty: Chrome plated	Each	1744
740	MAT02238	BMW -I.146	Supply & fixing Angular stop cocks with wall flange with 7 years warranty: Ivory gold	Each	3377
741	MAT02239	BMW -I.147	Supply & fixing Waste coupling 32 mm size full thread with 80 mm heightwith 7 years warranty: Chrome plated	Each	393
742	MAT02240	BMW -I.148	Supply & fixing of Bottle trap 225mm make with 7 years warranty: Chrome plated	Each	1667
743	MAT02241	BMW -I.149	Supply & fixing of Bottle trap with 7 years warranty: Ivory gold	Each	2818
744	MAT02242	BMW -I.150	Supply & Fixing copper pipe 450 mm long with nuts & washers with 7 years warranty: Chrome plated	Each	410
745	MAT02243	BMW -I.151	Supply & Fixing copper pipe 450 mm long with nuts & washers with 7 years warranty:Ivory gold	Each	795
746	MAT02244	BMW -I.152	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange make with 7 years warranty:Chrome plated	Each	5387
747	MAT02245	BMW -I.153	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange with 7 years warranty: Ivory gold	Each	8473
748	MAT02246	BMW -I.154	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm with 7 years warranty:Chrome plated	Each	2500
749	MAT02247	BMW -I.155	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm . with 7 years warranty: Ivory Gold	Each	3662
750	MAT02248	BMW -I.156	Supply and Fixing Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series Ivory gold colour for bath tub. with 7 years warranty	Each	14275
751	MAT02249	BMW -I.157	Supply & fixing Bath tub overflow set complete with over	Each	1739

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
			flow cap, 450 mm Ball chain with rubber plug & union bend with brass nut Jaquar make, Ivory gold colour. with 7 years warranty		
752	MAT02250	BMW -I.158	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated with 7 years warranty	Each	2498
753	MAT02251	BMW -I.159	Supply & fixingsoap dish: with 7years warranty:Chrome plated	Each	1639
754	MAT02252	BMW -I.160	Supply & fixingsoap dish : with 7 years warranty: Ivory Gold	Each	2405
755	MAT02253	BMW -I.161	Supply & fixing of toilet paper holder. with 7 years warranty: Chrome plated	Each	1321
756	MAT02254	BMW -I.162	Supply & fixing of toilet paper holder . with 7 years warranty: Ivory Gold	Each	2325
757	MAT02255	BMW -I.163	Supply & Fixing of Towel ring with 7 years warranty: Chrome plated	Each	1242
758	MAT02256	BMW -I.164	Supply & Fixing of Towel ring with 7 years warranty: Ivory Gold	Each	2028
759	MAT02257	BMW -I.165	Supply & Fixingof Robe hook with 7 years warranty:Chrome plated	Each	924
760	MAT02258	BMW -I.166	Supply & Fixingof towel coat hook with 7 years warranty:Ivory Gold	Each	1910
761	MAT02259	BMW -I.167	Supply & Fixing of Towel rod 24 " Ivory gold colour with 7 years warranty	Each	3169
762	MAT02260	BMW -I.168	Supply & Fixing of Tumbler holder , Ivory gold colour with 7 years warranty	Each	2221
763	MAT02261	BMW -I.169	Supply & fixing of Glass shelf 22" , Ivory gold colour with 7 years warranty	Each	4330
764	MAT02262	BMW -I.170	Supply & Fixing of 2 in 1 Bibcock cum Health Faucet with 1m long tube and wall hook , Chrome Finish with 7 years warranty	Each	3141
765	MAT02263	BMW -I.171	Supply & Fixing of Bibcock,Chrome Finish with 7 years warranty	Each	924
766	MAT02264	BMW -I.172	Supply & Fixing of Pillar cock Jaquar Continental series, Chrome Finish with 7 years warranty	Each	1147
767	MAT02265	BMW -I.173	Supply & Fixing of Angular stopcock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty	Each	854
768	MAT02266	BMW -I.174	Supply fixing of Waste coupling , Chrome finish with 7 years warranty	Each	371
769	MAT02267	BMW -I.175	Supply & Fixing of Bottle Trap , Chrome finish with 7 years warranty	Each	1667
770	MAT02268	BMW -I.176	Supply & Fixing of copper pipe 450mm long with nuts & washers , Chrome Finish with 7 years warranty	Each	371
771	MAT02269	BMW -I.177	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Continental series, Chrome finish with 7 years warranty	Each	4034

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
772	MAT02270	BMW -I.178	Supply & Fixing of Exclusive overhead shower with 190mm long light body shower arm Continental series, Chrome finish with 7 years warranty	Each	1723
773	MAT02271	BMW -I.179	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Continental series Chrome colour for bath tub with 7 years warranty	Each	5633
774	MAT02272	BMW -I.180	Supply & Fixing bath tub over flow set complete with over flow cap,450mm ball chain with rubber plug 7 Union bend with brass nuts , Chrome colour with 7 years warranty	Each	1315
775	MAT02273	BMW -I.181	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Continental series with 7 years warranty	Each	1624
776	MAT02274	BMW -I.182	Supply & Fixing soap dish Continental series, Chrome Finish with 7 years warranty	Each	1278
777	MAT02275	BMW -I.183	Supply & Fixing of Toilet paper holder Continental series, Chrome finish with 7 years warranty	Each	854
778	MAT02276	BMW -I.184	Supply & Fixing of Towel Ring Continental series, Chrome finish with 7 years warranty	Each	982
779	MAT02277	BMW -I.185	Supply & Fixing Double coat hook Continental series, Chrome finish with 7 years warranty	Each	733
780	MAT02278	BMW -I.186	Supply & Fixing of towel rail 24'' Continental series, Chrome finish with 7 years warranty	Each	1585
781	MAT02279	BMW -I.187	Supply & Fixing of Tumblerholder Continental series, Chrome finish with 7 years warranty	Each	1069
782	MAT02280	BMW -I.188	Supply & Fixing of Glass shelf 22'' Continental series, Chrome finish with 7 years warranty	Each	2102
783	MAT02281	BMW -I.189	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of (Quarter turn) series, Chrome Finish with 7 years warranty	Each	3758
784	MAT02282	BMW -I.190	Supply & Fixing of Bibcock (Quarter turn)series, Chrome Finish with 7 years warranty	Each	1268
785	MAT02283	BMW -I.191	Supply & Fixing of Pillar cock (Quarter turn) series, Chrome Finish with 7 years warranty	Each	1268
786	MAT02284	BMW -I.192	Supply & Fixing of Angular stopcock with wall flange (Quarter turn)series, Chrome finish with 7 years warranty	Each	1247
787	MAT02285	BMW -I.193	Supply & Fixing of Bottle Trap , Chrome finish with 7 years warranty	Each	1667
788	MAT02286	BMW -I.194	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange (Quarter turn) series, Chrome finish with 7 years warranty	Each	4868
789	MAT02287	BMW -I.195	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube (Quarter turn) series Chrome colour for bath tub with 7 years warranty	Each	7336

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
790	MAT02288	BMW -I.196	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated make (Quarter turn) series with 7 years warranty	Each	1945
791	MAT02289	BMW -I.197	Supply & Fixing of Rose shower with revolving ball joint & 115mm long shower arm with 7 years warranty	Each	2066
792	MAT02290	BMW -I.198	Supply & Fixing of make chrome plated Metro pole flush valve concealed type with cover plate 40mm size with 7 years warranty	Each	3618
793	MAT02291	BMW -I.199	Supply & Fixing of make Sensotronic sensor faucet for wash basin, Chrome plated with 7 years warranty	Each	14208
794	MAT02292	BMW -I.200	Supply & fixing of Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock, Chrome plated with 7 years warranty	Each	14208
795	MAT02293	BMW -I.201	Supply & fixing of Auto closing system pillar cock for wash basin, Chrome plated with 7 years warranty	Each	2355
796	MAT02294	BMW -I.202	Supply& Fixing of Auto Closing system Bibcock, Chrome plated with 7 years warranty	Each	2469
797	MAT02295	BMW -I.203	ITEM DELETED		
798	MAT02296	BMW -I.204	ITEM DELETED		
799	MAT02297	BMW -I.205	ITEM DELETED		
800	MAT02298	BMW -I.206	ITEM DELETED		
801	MAT02299	BMW -I.207	ITEM DELETED		
802	MAT02300	BMW -I.208	ITEM DELETED		
803	MAT02301	BMW -I.209	ITEM DELETED		
804	MAT02302	BMW -I.210	ITEM DELETED		
805	MAT02303	BMW -I.211	ITEM DELETED		
806	MAT02304	BMW -I.212	ITEM DELETED		
807	MAT02305	BMW -I.213	ITEM DELETED		

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
808	MAT02306	BMW -I.214	ITEM DELETED		
809	MAT02307	BMW -I.215	S&F PolyethyleneAluminiumPolyethylene (PEALPE) composite pressure pipes conforming to IS154502004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc16 mm OD pipe	1 RM	180
810	MAT02308	BMW -I.216	S&F PolyethyleneAluminiumPolyethylene (PEALPE) composite pressure pipes conforming to IS154502004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc**20 mm OD pipe**	1 RM	211
811	MAT02309	BMW -I.217	S&F PolyethyleneAluminiumPolyethylene (PEALPE) composite pressure pipes conforming to IS154502004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc**25mm OD pipe**	1 RM	258
812	MAT02310	BMW -I.218	S&F PolyethyleneAluminiumPolyethylene (PEALPE) composite pressure pipes conforming to IS154502004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc**32 mm OD pipe**	1 RM	332
813	MAT02311	BMW -I.219	S&F PolyethyleneAluminiumPolyethylene (PEALPE) composite pressure pipes conforming to IS154502004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc**40 mm OD pipe**	1 RM	425

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
			Supply and Fixing of Premium make CPVC Pipes and Fittings to meet the requirement of ASTMD 2846 and are produced in CTS (Copper Tube Sizes 1/2" ton 2" SDR 11 and SDR 13.5 pipes are made from idential CPVC compounds having the same physicalProperties for Hot and Cold Water (IS 15778:2007)		
814	MAT02312	BMW -I.220	15.90mm ODPipe SDR 13.5	1 RM	161
815	MAT02313	BMW -I.221	22.20mm ODPipe SDR 13.5	1 RM	189
816	MAT02314	BMW -I.222	28.60mm ODPipe SDR 13.5	1 RM	227
817	MAT02315	BMW -I.223	34.90mm ODPipe SDR 13.5	1 RM	295
818	MAT02316	BMW -I.224	41.30mm ODPipe SDR 13.5	1 RM	400
819	MAT02317	BMW -I.225	54mm ODPipe SDR 13.5	1 RM	535
820	MAT02318	BMW -I.226	15.90mm ODPipe SDR 11	1 RM	173
821	MAT02319	BMW -I.227	22.20mm ODPipe SDR 11	1 RM	203
822	MAT02320	BMW -I.228	28.60mm ODPipe SDR 11	1 RM	251
823	MAT02321	BMW -I.229	34.90mm ODPipe SDR 11	1 RM	329
824	MAT02322	BMW -I.230	41.30mm ODPipe SDR 11	1 RM	449
825	MAT02323	BMW -I.231	54mm ODPipe SDR 11	1 RM	614
826	MAT02324	BMW -I.232	Supply of 20mm x 1.9mm PN 10/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	47
827	MAT02325	BMW -I.233	Supply of 25mm x 2.3mm PN 10/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	69
828	MAT02326	BMW -I.234	Supply of 32mm x 2.9mm PN 10/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	109
829	MAT02327	BMW -I.235	Supply of 40mm x 3.7mm PN 10/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	171
830	MAT02328	BMW -I.236	Supply of 50mm x 4.6mm PN 10/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	304
831	MAT02329	BMW -I.237	Supply of 63mm x 5.8mm PN 10/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	477
832	MAT02330	BMW -I.238	Supply of 75mm x 6.8mm PN 10/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	665
833	MAT02331	BMW -I.239	Supply of 90mm x 8.2mm PN 10/PPR Pipe conforming to DIN Standards 8077/8083 conforming to IS15801	1 RM	911
834	MAT02332	BMW -I.240	Supply of 110mm x 10mm PN 10/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	1350
835	MAT02333	BMW -I.241	Supply of 20mm x 2.8mm PN 16/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	63
836	MAT02334	BMW -I.242	Supply of 25mm x 3.5mm PN 16/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	95

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
837	MAT02335	BMW -I.243	Supply of 32mm x 4.4mm PN 16/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	155
838	MAT02336	BMW -I.244	Supply of 40mm x 5.5mm PN 16/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	236
839	MAT02337	BMW -I.245	Supply of 50mm x 6.9mm PN 16/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	425
840	MAT02338	BMW -I.246	Supply of 63mm x 8.6mm PN 16/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	670
841	MAT02339	BMW -I.247	Supply of 75mm x 10.3mm PN 16/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	946
842	MAT02340	BMW -I.248	Supply of 90mm x 12.3mm PN 16/PPR Pipe conforming to DIN Standards 8077/8083 conforming to IS15801	1 RM	1348
843	MAT02341	BMW -I.249	Supply of 110mm x 15.1mm PN 16/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	2019
844	MAT02342	BMW -I.250	Supply of 20mm x 3.4mm PN 20/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	73
845	MAT02343	BMW -I.251	Supply of 25mm x 4.2mm PN 20/PPR Pipe conforming to DIN Standards 8077/8078 conforming to IS15801	1 RM	112
846	MAT02344	BMW -I.252	Supply of 32mm x 5.4mm PN 20/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	180
847	MAT02345	BMW -I.253	Supply of 40mm x 6.7mm PN 20/PPR Pipe conforming to DIN Standards 8077/8079 conforming to IS15801	1 RM	277
848	MAT02346	BMW -I.254	Supply of 50mm x 8.3mm PN 20/PPR Pipe conforming to DIN Standards 8077/8080 conforming to IS15801	1 RM	491
849	MAT02347	BMW -I.255	Supply of 63mm x 10.5mm PN 20/PPR Pipe conforming to DIN Standards 8077/8081 conforming to IS15801	1 RM	775
850	MAT02348	BMW -I.256	Supply of 75mm x 12.5mm PN 20/PPR Pipe conforming to DIN Standards 8077/8082 conforming to IS15801	1 RM	1099
851	MAT02349	BMW -I.257	Supply of 90mm x 15mm PN 20/PPR Pipe conforming to DIN Standards 8077/8083	1 RM	1494
852	MAT02350	BMW -I.258	Supply of 110mm x 18.3mm PN 20/PPR Pipe conforming to DIN Standards 8077/8084 conforming to IS15801	1 RM	2352
853	MAT02351	BMW -I.259	Supply of 20mm PPR Socket conforming to DIN Standards 8077/8084	1 RM	10
854	MAT02352	BMW -I.260	Supply of 25mm PPR Socket conforming to DIN Standards 8077/8085	1 RM	16
855	MAT02353	BMW -I.261	Supply of 32mm PPR Socket conforming to DIN Standards 8077/8086	1 RM	21
856	MAT02354	BMW -I.262	Supply of 40mm PPR Socket conforming to DIN Standards 8077/8087	1 RM	35
857	MAT02355	BMW -I.263	Supply of 50mm PPR Socket conforming to DIN Standards 8077/8088	1 RM	66
858	MAT02356	BMW -I.264	Supply of 63mm PPR Socket conforming to DIN Standards 8077/8089	1 RM	127
859	MAT02357	BMW -I.265	Supply of 75mm PPR Socket conforming to DIN Standards 8077/8090	1 RM	194

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
860	MAT02358	BMW -I.266	Supply of 90mm PPR Socket conforming to DIN Standards 8077/8091	1 RM	369
861	MAT02359	BMW -I.267	Supply of 110mm PPR Socket conforming to DIN Standards 8077/8092	1 RM	660
862	MAT02360	BMW -I.268	Supply of 32mm PPR Core Flange conforming to DIN Standards 8077/8086	Each	41
863	MAT02361	BMW -I.269	Supply of 40mm PPR Core Flange conforming to DIN Standards 8077/8087	Each	64
864	MAT02362	BMW -I.270	Supply of 50mm PPR Core Flange conforming to DIN Standards 8077/8088	Each	83
865	MAT02363	BMW -I.271	Supply of 63mm PPR Core Flange conforming to DIN Standards 8077/8089	Each	132
866	MAT02364	BMW -I.272	Supply of 75mm PPR Core Flange conforming to DIN Standards 8077/8090	Each	152
867	MAT02365	BMW -I.273	Supply of 90mm PPR Core Flange conforming to DIN Standards 8077/8091	Each	390
868	MAT02366	BMW -I.274	Supply of 110mm PPR Core Flange conforming to DIN Standards 8077/8092	Each	502
869	MAT02367	BMW -I.275	Supply of 20mm PPR Elbow conforming to DIN Standards 8077/8084	Each	18
870	MAT02368	BMW -I.276	Supply of 25mm PPR Elbow conforming to DIN Standards 8077/8085	Each	22
871	MAT02369	BMW -I.277	Supply of 32mm PPR Elbow conforming to DIN Standards 8077/8086	Each	41
872	MAT02370	BMW -I.278	Supply of 40mm PPR Elbow conforming to DIN Standards 8077/8087	Each	71
873	MAT02371	BMW -I.279	Supply of 50mm PPR Elbow conforming to DIN Standards 8077/8088	Each	134
874	MAT02372	BMW -I.280	Supply of 63mm PPR Elbow conforming to DIN Standards 8077/8089	Each	260
875	MAT02373	BMW -I.281	Supply of 75mm PPR Elbow conforming to DIN Standards 8077/8090	Each	420
876	MAT02374	BMW -I.282	Supply of 90mm PPR Elbow conforming to DIN Standards 8077/8091	Each	780
877	MAT02375	BMW -I.283	Supply of 110mm PPR Elbow conforming to DIN Standards 8077/8092	Each	1447
878	MAT02376	BMW -I.284	Supply of 20mm PPR Tee conforming to DIN Standards 8077/8084	Each	17
879	MAT02377	BMW -I.285	Supply of 25mm PPR Tee conforming to DIN Standards 8077/8085	Each	27
880	MAT02378	BMW -I.286	Supply of 32mm PPR Tee conforming to DIN Standards 8077/8086	Each	49
881	MAT02379	BMW -I.287	Supply of 40mm PPR Tee conforming to DIN Standards 8077/8087	Each	85
882	MAT02380	BMW -I.288	Supply of 50mm PPR Tee conforming to DIN Standards 8077/8088	Each	151

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
883	MAT02381	BMW -I.289	Supply of 63mm PPR Tee conforming to DIN Standards 8077/8089	Each	308
884	MAT02382	BMW -I.290	Supply of 75mm PPR Tee conforming to DIN Standards 8077/8090	Each	602
885	MAT02383	BMW -I.291	Supply of 90mm PPR Tee conforming to DIN Standards 8077/8091	Each	873
886	MAT02384	BMW -I.292	Supply of 110mm PPR Tee conforming to DIN Standards 8077/8092	Each	1511
887	MAT02385	BMW -I.293	Supply of 20mm PPR End Cap conforming to DIN Standards 8077/8084	Each	7
888	MAT02386	BMW -I.294	Supply of 25mm PPR End Cap conforming to DIN Standards 8077/8085	Each	10
889	MAT02387	BMW -I.295	Supply of 32mm PPR End Cap conforming to DIN Standards 8077/8086	Each	21
890	MAT02388	BMW -I.296	Supply of 40mm PPR End Cap conforming to DIN Standards 8077/8087	Each	35
891	MAT02389	BMW -I.297	Supply of 50mm PPR End Cap conforming to DIN Standards 8077/8088	Each	60
892	MAT02390	BMW -I.298	Supply of 63mm PPR End Cap conforming to DIN Standards 8077/8089	Each	127
893	MAT02391	BMW -I.299	Supply of 75mm PPR End Cap conforming to DIN Standards 8077/8090	Each	213
894	MAT02392	BMW -I.300	Supply of 90mm PPR End Cap conforming to DIN Standards 8077/8091	Each	339
895	MAT02393	BMW -I.301	Supply of 110mm PPR End Cap conforming to DIN Standards 8077/8092	Each	670
896	MAT02394	BMW -I.302	Supply of 25mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	13
897	MAT02395	BMW -I.303	Supply of 32mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	22
898	MAT02396	BMW -I.304	Supply of 32mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	21
899	MAT02397	BMW -I.305	Supply of 40mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	36
900	MAT02398	BMW -I.306	Supply of 40mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	35
901	MAT02399	BMW -I.307	Supply of 40mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	35
902	MAT02400	BMW -I.308	Supply of 50mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	52
903	MAT02401	BMW -I.309	Supply of 50mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	53
904	MAT02402	BMW -I.310	Supply of 50mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	53
905	MAT02403	BMW -I.311	Supply of 50mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	55

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
906	MAT02404	BMW -I.312	Supply of 63mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	117
907	MAT02405	BMW -I.313	Supply of 63mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	117
908	MAT02406	BMW -I.314	Supply of 63mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	119
909	MAT02407	BMW -I.315	Supply of 63mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	120
910	MAT02408	BMW -I.316	Supply of 63mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	121
911	MAT02409	BMW -I.317	Supply of 75mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	175
912	MAT02410	BMW -I.318	Supply of 75mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	176
913	MAT02411	BMW -I.319	Supply of 75mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	222
914	MAT02412	BMW -I.320	Supply of 90mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	425
915	MAT02413	BMW -I.321	Supply of 90mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	451
916	MAT02414	BMW -I.322	Supply of 110mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	567
917	MAT02415	BMW -I.323	Supply of 110mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	662
918	MAT02416	BMW -I.324	Supply of 110mm x 90mm PPR Reducer conforming to DIN Standards 8077/8092	Each	711
919	MAT02417	BMW -I.325	Supply of 25mm x 20mm x 25mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	35
920	MAT02418	BMW -I.326	Supply of 32mm x 25mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	59
921	MAT02419	BMW -I.327	Supply of 32mm x 20mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	59
922	MAT02420	BMW -I.328	Supply of 40mm x 20mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	95
923	MAT02421	BMW -I.329	Supply of 40mm x 25mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	97
924	MAT02422	BMW -I.330	Supply of 40mm x 32mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	100
925	MAT02423	BMW -I.331	Supply of 50mm x 20mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	139
926	MAT02424	BMW -I.332	Supply of 50mm x 25mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	141
927	MAT02425	BMW -I.333	Supply of 50mm x 32mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	145
928	MAT02426	BMW -I.334	Supply of 50mm x 40mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	146

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
929	MAT02427	BMW -I.335	Supply of 63mm x 20mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	401
930	MAT02428	BMW -I.336	Supply of 63mm x 25mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	403
931	MAT02429	BMW -I.337	Supply of 63mm x 32mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	409
932	MAT02430	BMW -I.338	Supply of 63mm x 40mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	415
933	MAT02431	BMW -I.339	Supply of 63mm x 50mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	422
934	MAT02432	BMW -I.340	Supply of 75mm x 50mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	565
935	MAT02433	BMW -I.341	Supply of 75mm x 63mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	575
936	MAT02434	BMW -I.342	Supply of 90mm x 50mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	760
937	MAT02435	BMW -I.343	Supply of 90mm x 63mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	810
938	MAT02436	BMW -I.344	Supply of 110mm x 75mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1379
939	MAT02437	BMW -I.345	Supply of 110mm x 90mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	1435
940	MAT02438	BMW -I.346	Supply of 20mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	107
941	MAT02439	BMW -I.347	Supply of 25mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	109
942	MAT02440	BMW -I.348	Supply of 25mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	191
943	MAT02441	BMW -I.349	Supply of 32mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	195
944	MAT02442	BMW -I.350	Supply of 32mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	200
945	MAT02443	BMW -I.351	Supply of 32mm x 1" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	310
946	MAT02444	BMW -I.352	Supply of 40mm x 1¼" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	458
947	MAT02445	BMW -I.353	Supply of 50mm x 1½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	639
948	MAT02446	BMW -I.354	Supply of 63mm x 2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	850
949	MAT02447	BMW -I.355	Supply of 75mm x 2½"PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1639
950	MAT02448	BMW -I.356	Supply of 20mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	165
951	MAT02449	BMW -I.357	Supply of 25mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	171

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
952	MAT02450	BMW -I.358	Supply of 25mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	249
953	MAT02451	BMW -I.359	Supply of 32mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	260
954	MAT02452	BMW -I.360	Supply of 32mm x 1" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	481
955	MAT02453	BMW -I.361	Supply of 40mm x 1¼" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	564
956	MAT02454	BMW -I.362	Supply of 50mm x 1½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	790
957	MAT02455	BMW -I.363	Supply of 63mm x 2" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1213
958	MAT02456	BMW -I.364	Supply of 75mm x 2½"PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	1940
959	MAT02457	BMW -I.365	Supply of 20mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	114
960	MAT02458	BMW -I.366	Supply of 25mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	119
961	MAT02459	BMW -I.367	Supply of 25mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	184
962	MAT02460	BMW -I.368	Supply of 32mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	176
963	MAT02461	BMW -I.369	Supply of 32mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	205
964	MAT02462	BMW -I.370	Supply of 32mm x 1" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	342
965	MAT02463	BMW -I.371	Supply of 20mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	171
966	MAT02464	BMW -I.372	Supply of 25mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	188
967	MAT02465	BMW -I.373	Supply of 25mm x ¾" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	248
968	MAT02466	BMW -I.374	Supply of 32mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	236
969	MAT02467	BMW -I.375	Supply of 32mm x1" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	512
970	MAT02468	BMW -I.376	Supply of 20mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	110
971	MAT02469	BMW -I.377	Supply of 25mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	121
972	MAT02470	BMW -I.378	Supply of 25mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	200
973	MAT02471	BMW -I.379	Supply of 32mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	212
974	MAT02472	BMW -I.380	Supply of 32mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	236

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
975	MAT02473	BMW -I.381	Supply of 32mm x 1" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	334
976	MAT02474	BMW -I.382	Supply of 20mm x ½" PPR Male Threaded Teeconforming to DIN Standards 8077/8092	Each	172
977	MAT02475	BMW -I.383	Supply of 25mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	184
978	MAT02476	BMW -I.384	Supply of 25mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	262
979	MAT02477	BMW -I.385	Supply of 32mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	270
980	MAT02478	BMW -I.386	Supply of 32mm x¾"PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	283
981	MAT02479	BMW -I.387	Supply of 32mm x 1" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	523
982	MAT02480	BMW -I.388	Supply of 20mm x ½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	441
983	MAT02481	BMW -I.389	Supply of 25mm x¾"PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	662
984	MAT02482	BMW -I.390	Supply of 32mm x1"PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	882
985	MAT02483	BMW -I.391	Supply of 40mm x1¼"PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1236
986	MAT02484	BMW -I.392	Supply of 50mm x 1½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	1985
987	MAT02485	BMW -I.393	Supply of 63mm x 2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	3153
988	MAT02486	BMW -I.394	Supply of 20mm x ½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	505
989	MAT02487	BMW -I.395	Supply of 25mm x¾"PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	672
990	MAT02488	BMW -I.396	Supply of 32mm x1"PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	882
991	MAT02489	BMW -I.397	Supply of 40mm x1¼"PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	1101
992	MAT02490	BMW -I.398	Supply of 50mm x 1½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	2096
993	MAT02491	BMW -I.399	Supply of 63mm x 2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	3529
994	MAT02492	BMW -I.400	Supply of 20mm PPR Union conforming to DIN Standards 8077/8092	Each	95
995	MAT02493	BMW -I.401	Supply of 25mm PPR Union conforming to DIN Standards 8077/8092	Each	113
996	MAT02494	BMW -I.402	Supply of 32mm PPR Union conforming to DIN Standards 8077/8092	Each	187
997	MAT02495	BMW -I.403	Supply of 20mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	176

Sl. No	CFMS Code	Item Code	Description of item	Unit	Basic Rate for SoR 2026-27 (Rs.)
998	MAT02496	BMW -I.404	Supply of 25mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	220
999	MAT02497	BMW -I.405	Supply of 32mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	232
1000	MAT02498	BMW -I.406	Supply of 40mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	474
1001	MAT02499	BMW -I.407	Supply of 50mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	553
1002	MAT02500	BMW -I.408	Supply of 63mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	894
1003	MAT02501	BMW -I.409	Supply of 75mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	1471
1004	MAT02502	BMW -I.410	Supply of 90mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	2102
1005	MAT02503	BMW -I.411	Supply of 20mm PPR Clamp conforming to DIN Standards 8077/8092	Each	10
1006	MAT02504	BMW -I.412	Supply of 25mm PPR Clamp conforming to DIN Standards 8077/8092	Each	13
1007	MAT02505	BMW -I.413	Supply of 32mm PPR Clamp conforming to DIN Standards 8077/8092	Each	16
1008	MAT02506	BMW -I.414	Supply of 40mm PPR Clamp conforming to DIN Standards 8077/8092	Each	17
1009	LAB00315	BMW -I.415	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice up to 40 mm dia	1 RM	38
1010	LAB00316	BMW -I.416	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice above 40 mm dia	1 RM	63
			Supply and fixing of UPVC Pipes and Fittings SCH40 Grade to meet the requirement of ASTMD 2846 for hot and cold water (IS 15778:2007) including cost and conveyance of all materials to site, labor charges for fixing, overheads & contractors profit complete for finished item of work at all floor levels.		
1011		BMW -I.417	65 mm OD Pipe	1 RM	826
1012		BMW -I.418	80 mm OD Pipe	1 RM	989
1013		BMW -I.419	100 mm OD Pipe	1 RM	1076

1014		BMW -I.420	125 mm OD Pipe	1 RM	1265
1015		BMW -I.421	150 mm OD Pipe	1 RM	1453

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

General Disclaimer on Recommended Brands / Manufacturers

General Note

The brands, manufacturers, trade names or product references, wherever mentioned in this Schedule of Rates (SoR), are provided only as indicative references for establishing the desired quality, performance, technical specifications and price benchmarking.

The inclusion of any particular brand or manufacturer shall **not** be construed as exclusive, mandatory, preferential, or restrictive. Equivalent products manufactured by any other reputed manufacturer, conforming to the prescribed Indian Standards (IS), BIS certifications, relevant statutory requirements, and meeting or exceeding the specified technical performance, quality, durability and functional requirements, shall also be acceptable, subject to the approval of the competent technical authority.

The Engineer-in-Charge / Estimate Preparing Authority / Technical Sanctioning Authority shall ensure that the materials proposed for use fully comply with the prescribed specifications, applicable codes and standards, and are technically equivalent or superior to the reference specifications indicated in the SoR.

The rates indicated in this Schedule of Rates are intended only for preparation of estimates and cost assessment. The final selection of materials, makes, models and manufacturers shall be based on technical suitability, availability, quality, compliance with specifications, prevailing procurement procedures and approval of the competent authority.

The mention or omission of any brand or manufacturer in this Schedule shall not confer any exclusive right, preference, restriction or disqualification upon any manufacturer, supplier or agency.

Disclaimer: The rates, technical specifications and reference brands/manufacturers indicated in this Schedule of Rates are for guidance in preparation of estimates only. Mention of any brand/manufacturer is purely indicative and shall not be construed as mandatory or exclusive. Any technically equivalent product conforming to the prescribed specifications, relevant IS/BIS standards and approved by the competent authority may also be considered. The Estimate Preparing Authority shall be responsible for the correctness of the specifications, rates and selection of materials.

In short: The rates shown are indicative ceiling rates for guidance only, and the brands named are recommendatory — not mandatory. Any equivalent brand that meets the applicable IS / BIS specifications is equally eligible for use with the approval of the compentent authority, with no preference shown to any company.

List of brands*/Manufacturers: -*

Note:

1) The following brands have been incorporated in the Schedule of Rates for 2026-27 at the request of their manufacturing units. This incorporation **does not imply exclusivity or preference for these brands**. Executive departments and engineers are free to use any other brand that meets the specific Indian Standard specifications/ BIS requirements, or other relevant codes.

2) All executive departments and engineers are requested to ensure compliance with IS specifications for material properties, design requirements, testing methods, and performance criteria as mentioned in the codes. Products meeting IS specifications are marked with the ISI mark, indicating adherence to national standards. This ensures quality and safety in project implementation.

3) For the reference of executive departments and engineers, relevant IS codes have been mentioned. Before using materials, they are requested to check quality against these IS codes mentioned below and follow specified testing methods and Requirements as per IS specifications.

Sl. No	**Section**	**Names of the Items**	**Reference IS Code for Material Properties, Design Requirements, Testing Methods, Tests to Be Conducted and Performance Criteria Mandated Before Using in the Construction**	**Names of the Brand / Manufacturer / Supplier**
1	SECTION – A	Bricks &Building Blocks	**IS- 2815** Test required: 1. Dimensions 2. Block density 3. Compressive strength 4. Thermal conductivity 5. Drying shrinkage	AAC Blocks- Smart Brix
2	SECTION – C	Wall & Floor Tiles	**IS- 13630, IS 15622** Test Required:	

			1. Measurement Of Length and Width 2. Water Absorption and Bulk Density 3. Moisture Expansion Using Boiling Water - Unglazed Tiles 4. Linear Thermal Expansion 5. Resistance to Thermal Shock 6. Modulus Of Rupture and Breaking 7. Strength 8. Chemical Resistance 9. Frost Resistance 10. Resistance Of Surface Abrasion 11. Scratch Hardness of Surface According to Mohs 12. Resistance to Deep Abrasion	Johnson, Orient Bell, Vevon, Somany, Anjani Tek, Vitero, Invoke, L&T Sufin Gravis, Hausler
3	SECTION - D	Paving and Interlocking tiles	IS 15658 : 2021- Paving Blocks Test Required: 1. Water absorption, 2. Compressive strength 3. Abrasion resistance 4. Tensile splitting strength 5. Flexural strength 6. Freeze thaw durability 7. BIS Certification Marking	Bondada blocks

4	SECTION – F	Steel Materials	IS 1161, IS 4923 Test Required: 1. Pipe Dimension 2. Wall Thickness 3. STRAIGHTNESS 4. LENGTHS 5. Tensile Test 6. Ductility Test 7. Re-Test 8. Sampling 9. MARKING a. BIS Certification Marking	MPL
5	SECTION - G	Fixtures of Doors and Windows	IS 204 Tower Bolts, IS 205 Non-ferrous Metal Butt Hinges, IS 12817 Stainless Steel Butt Hinges, IS 208 Door Handles IS 2681 Non-ferrous Sliding Door Bolts (Aldrops), IS 3564 Hydraulically Regulated Door Closers, IS 2209 Mortice Locks, IS 15834 SS Sliding Door Bolt (Aldrop), IS 15833 SS Tower Bolt Test Required: 1. Visual inspection 2. Dimensional verification 3. Smooth operation/function test 4. Alignment check 5. Workmanship inspection 6. Surface finish inspection 7. Coating/plating thickness 8. Corrosion resistance (where specified)	Global, Ebco

			9. Mechanical strength/load test (for handles, locks, door closers) 10. Endurance (cycle) test (locks and door closers)	
6	SECTION – H	Water Proofing Chemicals & Admixtures	Tile Adhesive **- IS 15477** 1. Tensile adhesion 2. Shear adhesion 3. Open Time 4. Adjustability 5. Packing and Marking a. Name of the manufacturer and the trade-mark, if any; b. Batch or Lot number; c. Month and year of manufacturer; d. Type of adhesive that is Type 1 or Type 2 6. BIS Certification Marking **Admixtures-** **IS 2645** -Integral Waterproofing Compounds for Cement Mortar and Concrete 1. Permeability to water, water 2. Initial setting time, 3. Final setting time, 4. compressive strength, 5. chloride content 6. Packaging **IS 9103** - Concrete Admixtures **Test Required**:	Armstrong, MYK Laticrete, MYK arment, Duroxz, Brick Lite, Astral, JK TYLO, Three R Joints &Seals, Clean Tech, Kunal Conchem, Somany

			1. Water content, percent of control sample 2. Slump 3. Time of setting, allowable deviation from control sample hours 4. Compressive strength 5. Flexural strength, 6. Length change, 7. Bleeding, percent 8. Loss of workability 9. Air content (%) Max, over	
8	SECTION –J	Paints & Polishes	**IS 15489** Test Required: 1. Consistency 2. Drying time, Max 3. Finish 4. Gloss @ 60° tested with gloss meter 5. Colour 6. Fastness to light 7. Resistance to alkali 8. Washability and cleanability 9. Accelerated storage stability 10. Recoating properties, 11. Volatile organic compound, gm/litre, Max	Birla Opus,Techno Paints, JK Max paints & JK White cements, Safest paints & Leebond, Surfa coats, Asian paints
9	SECTION – K	Particle Boards	**IS 14862** Test Required: 1. Measurement Of Length and Width 2. Measurement of Thickness	Kalpataru

			3. Measurement Edges 4. Bending strength 5. Apparent density (Check apparent density mentioned by manufacturer) 6. Water impermeability 7. Freeze-thaw 8. Warm water 9. Soak-dry 10. Heat-rain test	
10	SECTION – L	PLYWOODS, LAMINATES & VENEERS	**IS 303** Test Required: 1. Measurement Of Length and Width 2. Measurement of Thickness 3. Measurement Edges 4. Test For Squareness and Edge Straightness 5. Bending strength 6. Glue Adhesion 7. Glue Shear Strength in Dry State 8. Mycotogicat Test 9. Water Resistance Test 10. Moisture Content 11. Static Bending Strength	Kalpataru
11	SECTION – M	Ceilings, Wall Partitions & Wall Linings	**IS 2095: Part-1 2023** Test Required: 1. Dimensions and Tolerances 2. Taper Profile, 3. Transverse Strength, 4. Density, 5. Taper Width 6. Taper Depth	Bollard, Knauf India, Gypelite, Ahlada, Diamond Frames, Ceiling Krafts Pvt Ltd, Hi-Steel, Hiluxlite

			7. Flexural breaking load 8. Impact resistance 9. Surface hardness 10. Loading capability 11. Water absorption 12.Fire resistance	
12	SECTION –N	Doors	Steel Doors – **IS 4351, IS 1387** Test Required: 1. Impact test, 2. salt spray test 3. Atmospheric test 4. Hardness sore 5. Moisture content 6. GSM, Density 7. Thickness 8. Freedom from defects, 9. Mass of zinc coating, 10. tensile strength, 11. Yield Strength, 12. Elongation, 13. Powder coating thickness. uPVC – **IS 17953** Test Required: 1. Visual observation after heat ageing behaviour, 2. Heat Reversion, 3. Vicat softening point, 4. Flexural Modulus, 5. Weldability, 6. Resistance to impact by falling mass 7. Charpy impact strength, 8. Flammability,	Ahlada, Shakti Hormann, Ihms, Innovative Industries, Decomet Industries NCL optimus, Normet, Indowud, Kalpataru uPVC Doors- Aparna-Venster, Encraft, Plast one, ShineTech, TruVU, Spectra, Prozonic, Sudhakar, Gluven, Vlux, Hausler, JKD Pastics, GenX Windoors Jamex, NCL Zylos, NCL Build Tek

			9. Thermal conductivity, 10. Water absorption for 24 Hrs, 11. Coefficient of linear thermal expansion @ 30 to 60 degrees 12. Titanium Dioxide content 13. CaCO3 Content 14. Deviation of straightness 15.Wall Thickness a. Sight surface b. Non-Sight Surface	
13	SECTION – P	Windows	uPVC**– IS 17953** **Test Required**: 1. Visual observation after heat ageing behaviour, 2. heat Reversion, 3. Vicat softening point, 4. Flexural Modulus, 5. Weldability, 6. Resistance to impact by falling mass, 7. Charpy impact strength, 8. Flammability, 9. Thermal conductivity, 10. Water absorption for 24 Hrs, 11. Coefficient of linear thermal expansion @ 30 to 60 degrees 12. Titanium Dioxide content 13. CaCO3 Content 14. Deviation of straightness 15.Wall Thickness a. Sight surface b. Non-Sight Surface	Ahlada, NCL optimus Innovative industries, Decomet industries uPVC Windows- Aparna-Venster, Encraft, Plast one, Vlux, NCL Zylos, NCL Build Tek, Spectra, Prozonic, ShineTech, TruVU, Sudhakar, Gluven, Hausler, JKD Pastics, GenX Windoors Jamex

14	SECTION – W	Miscellaneos Items	**IS 17682** – Composite Panel Test Required: 1. Dimensions, straightness and Squareness test 2. Density of Core, 3. Tensile strength, 4. Yield Strength, 5. Elongation, 6. Peel strength, 7. Coating thickness, 8. Pencil hardness, 9. Gloss, 10. Limiting oxygen index, 11. Smoke density rating, 12. Ignitability, 13. Flame spread, 14. Sound transmission class, 15. Sound absorption coefficient	Alumaze Elite, Hausler, JKD plastics, viva.
15	SECTION – Z	EXPANSION JOINTS	ASTM B221 -02	Three R Joints &Seals

List of Brands / Manufacturers / Suppliers of Water Supply and Sanitary Items

Note:

1) The following brands have been incorporated into the Schedule of Rates for 2026-27 at the request of their manufacturing units. This incorporation **does not imply exclusivity or preference for these brands**. Executive departments and engineers are free to use any other brand that meets the specific Indian Standard specifications/ BIS requirements, or other relevant codes.

2) All executive departments and engineers are requested to ensure compliance with IS specifications for material properties, design requirements, testing methods, and performance criteria as mentioned in the codes. Products meeting IS specifications are marked with the ISI mark, indicating adherence to national standards. This ensures quality and safety in project implementation.

3) For the reference of executive departments and engineers, relevant IS codes have been mentioned. Before using materials, they are requested to check quality against these IS codes mentioned below and follow specified testing methods and Requirements as per IS specifications.

Sl. No	Section	Names of the Items	Reference IS Code for Material Properties, Design Requirements, Testing Methods, Tests to Be Conducted and Performance Criteria Mandated Before Using in the Construction	Names of the Brand / Manufacturer/ Supplier
1	SECTION – D	Vitreous Chinaware - Sanitary Appliances	**IS:2556 – 1974** Test Required: 1. Minimum Thickness 2. Tolerance 3. Warpage 4. Crazing 5. Water Absorption 6. Modulus of Rupture 7. Chemical Resistance 8. Resistance to staining and burning 9. Lead Solubility Test	Johnson, Astral, Prayag, Somany, Suki
2	SECTION – G	PVC Pipes & Fittings	IS- 4985, IS 14735, ASTM D 1785, ASTM D 2466&2467, IS 12818, IS 13592 Test Required: **IS 14735 (UPVC Fittings)** 1. Acceptance test 2. Visual appearance 3. Stress relief test 4. Colour of fittings 5. Dimension 6. Socket dimension 7. Socket depth 8. Mean inside diameter of socket at mid-point 9. Mean outside diameter of socket at mid-point 10. Workmen ship 11. Impact test	Johnson, Sentini, ASTRAL, Champion, Suki, Sudhakar, Somany

			12. Water tightness of joints **IS 13592 (UPVC Pipes)** 1. Colour of pipe 2. Dimension and wall thickness 3. Socket of pipe 4. Visual appearance 5. Revision test 6. Stress relief test 7. Resistance to external blows @ 0 degrees (Impact test) 8. Tensile strength 9. Axial shrinkage 10. Water tightness of joint	
3	SECTION – I	Miscellaneous	Test Required: **ASTM D2846 (CPVC fitting)** 1. Socket entrance diameter A 2. Socket bottom diameter B 3. Max out of Roundness C 4. Inside diameter D 5. Wall thickness Ea 6. Wall thickness Eb 7. Overall wall thickness F 8. Work menship finish and appearance 9. Sustained pressure @ 82 degrees for 6 Min (521 PSI) 10. Sustained pressure @ 82 degrees for 4 hrs (364 PSI) **ASTM F441 (CPVC Pipes)** 1. Dimension 2. Wall thickness 3. Burst pressure @ 23 degrees 4. Flattening test 5. Extrusion Quality 6. Work men ship finish and appearance **IS 15778 (CPVC Pipes)** 1. Visual Appearance 2. Opacity 3. Effect on water 4. Reversion test 5. Vicat softening temperature 6. Density 7. Thermal Stability by Hydrostatic Pressure Testing 8. Resistance to External Blow at O°C 9. Flattening Test	Johnson, Sentini, ASTRAL, Suki, Sudhakar, Prayag, Somany

SCHEDULE OF RATES

ELECTRICAL
AND
ELECTRO-MECHANICAL WORKS

PART III -BUILDINGS
FOR THE YEAR
2026-27

PREAMBLE FOR ELECTRICAL WORKS

1. Overheads and Contractor Profit and overhead charges as mentioned in the preamble for Buildings SoR 2026-27 (Civil and Electrical) is applicable to all original electrical works subject to the fulfilment of conditions mentioned in Para 4.0 of preamble.
2. Municipal Area Allowance, Agency or Tribal area allowance or any such allowance on the labour components is applicable to Electrical works as per the Preamble for Buildings SOR 2026-27.
3. The contractor is solely responsible for both quality and quantity.
4. Proposing specific make in the estimate from the SOR is within the scope of concerned field officers based on the necessity and availability of materials in such areas.
5. In case of 2way points i.e. stair case points etc. where two-way switch control is necessary, an extra at 50 % excess over each point shall be allowed
6. Where ever the light/fan point is provided at a height/length of 15 feet and above, then an extra of 50% over the point rates shall be allowed.
7. The rates for common civil items including labour rates have to be adopted from prevailing SOR.
8. The rates for all types of electrical items proposed in SOR are exclusive of GST (basic rates).
9. The rates for other items (Not covered in SoR) have to be invariably followed based on the prevailing market rates, since the rates and specification varies from manufacturer to manufacturer considerably. Hence, rates for certain items are not incorporated in the SOR. However, relevant data without rates is provided in the standard datas for electrical works.
10. In case of any addition/alteration/rectification to the proposed SOR, the approval has to be obtained from the Chief Engineer R&B Electrical. Temporary approvals for materials which are under relevant specifications of the BIS / IEC and BEE star ratings can be given by the Chief Engineer (R&B) Electrical.
11. The Superintending Engineer (R&B) Electrical will review the performance over the quality of the makes proposed in the SOR from time to time and in case any inferior quality is observed the same shall be brought to the notice of the Chief Engineer (R&B) Electrical to consider for deletion from the SOR.
12. The schedule of rates is only for guidance of officers for preparation of estimates as per the Para 113 of APPWD code. The authority that sanctioned the estimate is however responsible for adopting the proper rates in the estimates as envisaged in para 45 of APPWD code.
13. As per GO Ms No.51 Industries and commence (MSME) Dept Dt:01.06.2010, all the indenting departments / Agents should give preference to local MSME which are manufacturing quality products having ISO 9001 – 2000, GEM, BIS certification

Chief Engineer(R&B) Electrical

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SCHEDULED RATES FOR ELECTRICAL & ELECTRO MECHANICAL ITEMS SOR 2026-27

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			SECTION - 1		
		1.1	**M.S. CONDUIT PIPES**		
1		ELEC-1.1.1	Supply of ISI, …….. outer dia,…... thickness MS conduit pipe as per IS-9537 Part II. Makes: As per list of recommended brands		
	MAT-02621	a	20 mm (1.6 mm thick)	1 RM	134
	MAT-02622	b	25 mm (1.6 mm thick)	1 RM	173
	MAT-02623	c	32 mm (1.6 mm thick)	1 RM	246
	MAT-02624	d	38 mm (2.0 mm thick)	1 RM	403
	MAT-02625	e	50 mm (2.0 mm thick)	1 RM	515
2		ELEC-1.1.2	Supply of …….. MS Junction box normal range big size long neck.		
	MAT-02626	a	19/20 mm	1 No	38
	MAT-02627	b	25 mm	1 No	45
	MAT-02628	c	32 mm	1 No	104
	MAT-02629	d	40/38 mm	1 No	149
	MAT-02630	e	50 mm	1 No	284
3		ELEC-1.1.3	Supply of …….MS Junction deep box.		
	MAT-02631	a	20/25 mm	1 No	98
	MAT-02632	b	32 mm	1 No	173

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02633	c	40 mm	1 No	209
	MAT-02634	d	50 mm	1 No	254
4		ELEC-1.1.4	Supply of ……. MS Inspection Bends.		
	MAT-02635	a	19/20 mm	1 No	33
	MAT-02636	b	25 mm	1 No	38
	MAT-02637	c	32 mm	1 No	83
	MAT-02638	d	40/38 mm	1 No	119
	MAT-02639	e	50 mm	1 No	254
5		ELEC-1.1.5	Supply of …….. MS Inspection Tee.		
	MAT-02640	a	19/20 mm	1 No	38
	MAT-02641	b	25 mm	1 No	45
	MAT-02642	c	32 mm	1 No	104
	MAT-02643	d	40/38 mm	1 No	128
	MAT-02644	e	50 mm	1 No	261
6		ELEC-1.1.6	Supply of ……. MS Inspection Elbow.		
	MAT-02645	a	19/20 mm	1 No	33
	MAT-02646	b	25 mm	1 No	45
	MAT-	c	32 mm	1 No	83

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02647				
	MAT-02648	d	40/38 mm	1 No	104
	MAT-02649	e	50 mm	1 No	239
7		ELEC-1.1.7	Supply of MS Inspection 10 Gauge G.I. check nut of size ……..		
	MAT-02650	a	19/20 mm	100 Nos	298
	MAT-02651	b	25 mm	100 Nos	373
	MAT-02652	c	32 mm	100 Nos	745
	MAT-02653	d	40/38 mm	100 Nos	1081
	MAT-02654	e	50 mm	100 Nos	1804
8		ELEC-1.1.8	Supply of ……... Saddles with Base.		
	MAT-02655	a	19/20 mm	100 Nos	321
	MAT-02656	b	25 mm	100 Nos	336
	MAT-02657	c	32 mm	100 Nos	566
	MAT-02658	d	40/38 mm	100 Nos	933
	MAT-02659	e	50 mm	100 Nos	1178
9		ELEC-1.1.9	Supply of……...20-gauge Saddles.		
	MAT-02660	a	19/20 mm	100 Nos	164
	MAT-02661	b	25 mm	100 Nos	224

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02662	c	32 mm	100 Nos	358
	MAT-02663	d	40/38 mm	100 Nos	463
	MAT-02664	e	50 mm	100 Nos	566
10		ELEC-1.1.10	Supply of ……... 16 Gauge socket coupler.		
	MAT-02665	a	19/20 mm	12 Nos	90
	MAT-02666	b	25 mm	12 Nos	119
	MAT-02667	c	32 mm	12 Nos	194
	MAT-02668	d	38 mm	12 Nos	254
	MAT-02669	e	40mm	12 Nos	284
	MAT-02670	f	50 mm	12 Nos	596
11		ELEC-1.1.11	Supply of 19mm Ball Socket.		
	MAT-02671	a	19 mm	12 Nos	343
	MAT-02672	b	25 mm	12 Nos	521
		1.2	**PVC CONDUITS**		
12		ELEC-1.2.1	Supply of ISI marked ……. heavy grade with IS:9537-part 3 rigid PVC Conduit. Makes: As per list of recommended brands		
	MAT-02673	a	20 mm outer dia (1.95 - 2.10) mm thickness	1 RM	36
	MAT-02674	b	25 mm outer dia (2.00 - 2.20) mm thickness	1 RM	46

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
13		ELEC-1.2.2	Supply of ISI marked ……. medium grade with IS:9537-part 3 rigid PVC Conduit. Makes: As per list of recommended brands		
	MAT-02675	a	20mm outer dia (1.40 -1.55) mm thickness	1 RM	26
	MAT-02676	b	25mm outer dia (1.60 -1.80) mm thickness	1 RM	36
	MAT-02677	c	32mm outer dia (1.90 - 2.10) mm thickness	1 RM	56
	MAT-02678	d	40mm outer dia (2.10 - 2.30) mm thickness	1 RM	75
	MAT-02679	e	50mm outer dia (2.60 - 2.85) mm thickness	1 RM	107
		NOTE: Add 5% extra on above price for Red/Yellow/Blue/Black/Green Colour PVC pipes for specific purpose Usage			
14		ELEC-1.2.3	Supply of ISI marked ……. width and 12mm height Casing and Caping conforming to IS 14930(part 1). Makes: As per list of recommended brands		
	MAT-02680	a	19/20 mm	1 RM	28
	MAT-02681	b	25mm	1 RM	43
	MAT-02682	c	32mm	1 RM	50
	MAT-02683	d	38/40mm	1 RM	82
15		ELEC-1.2.4	Supply of …….. dia FRPP corrugated Flexible conduit. Makes: As per list of recommended brands		
	MAT-02684	a	19/20 mm	1 RM	17
	MAT-02685	b	25mm	1 RM	21
	MAT-02686	c	32mm	1 RM	33
	MAT-	d	38/40mm	1 RM	46

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02687				
	MAT-02688	e	50 mm	1 RM	76
16		ELEC-1.2.5	Supply of ……dia PVC Flexible Couplings for FRPP Corrugated conduit. Makes: As per list of recommended brands		
	MAT-02689	a	19/20 mm	1 No	14
	MAT-02690	b	25mm	1 No	21
	MAT-02691	c	32mm	1 No	36
	MAT-02692	d	40mm	1 No	43
	MAT-02693	e	50 mm	1 No	78
17		ELEC-1.2.6	Supply of……dia PVC Junction Boxes confirms to IS : 3419 Makes: As per list of recommended brands		
	MAT-02694	a	19/20 mm	1 No	27
	MAT-02695	b	25mm	1 No	28
	MAT-02696	c	32mm	1 No	50
	MAT-02697	d	40mm	1 No	52
	MAT-02698	e	50 mm	1 No	71
18		ELEC-1.2.7	Supply of ……...dia PVC deep Junction Boxes confirms to IS: 3419. Makes: As per list of recommended brands		
	MAT-02699	a	19/20 mm	1 No	32
	MAT-02700	b	25mm	1 No	36

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02701	c	32mm	1 No	57
	MAT-02702	d	40/38 mm	1 No	62
	MAT-02703	e	50 mm	1 No	90
19		ELEC-1.2.8	Supply of ……dia PVC Bends. Makes: As per list of recommended brands		
	MAT-02704	a	19/20 mm dia 1.5mm thick	1 No	9
	MAT-02705	b	25mm dia 1.5mm thick	1 No	12
	MAT-02706	c	32mm dia 2.0mm thick	1 No	26
	MAT-02707	d	40 mm dia 2.0mm thick	1 No	28
	MAT-02708	e	50 mm dia 2.0mm thick	1 No	41
20	MAT-02709	ELEC-1.2.9	Dummy Cover for PVC junction boxes	1 No	7
21		ELEC-1.2.10	Supply and fixing of ISI DLP PVC Mini trunking with independent cover on wall/ ceiling … size (width & height) as per IS 14927:part 2 including cost of all accessories like end caps,Internal/External angles, flat Angles, flat joints etc.,with all labour charges, transportation etc., complete.		
		a	32mm x 20 mm	1 RM	123
		b	105/100 x 50 mm	1 RM	587
		c	150mm x 50mm	1 RM	880
		1.3	**HOT DIP GALVANIZED METAL BOXES for switch boards**		
22		ELEC-1.3.1	Supply of ISI marked ……. Hot Dip galvanized 18 SWG Module metal box with earthing terminal conforming to IS 14772.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02710	a	1 or 2	1 No	68
	MAT-02711	b	3	1 No	95
	MAT-02712	c	4	1 No	114
	MAT-02713	d	6	1 No	155
	MAT-02714	e	8 or 9	1 No	203
	MAT-02715	f	12	1 No	245
		g	16	1 No	327
		h	18	1 No	367
			METALLIC BOXES		
23		ELEC-1.3.2	Supply of ……. size (length x width x depth)18 SWG sheet steel boxes duly finished with two coats of zinc chromate red oxide paint and enamel paint of matching colour to wall		
	MAT-02716	a	100mmx100x50mm	1 No	61
	MAT-02717	b	175mmx100x60mm	1 No	73
	MAT-02718	c	150mmx150x60mm	1 No	85
	MAT-02719	d	200mmx150x60mm	1 No	97
	MAT-02720	e	200mmx250x75mm	1 No	121
	MAT-02721	f	250mmx300x75mm	1 No	212
	MAT-02722	g	300mmx375x100mm	1 No	273
		1.4	**T.W. BOARDS**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
24		ELEC-1.4.1	Supply of T.W. Deep Box of Size		
	MAT-02723	a	4" x 4"	1 No	13
	MAT-02724	b	4" x 7	1 No	24
	MAT-02725	c	6" x 6"	1 No	26
	MAT-02726	d	6" x 8"	1 No	39
	MAT-02727	e	8" x 10"	1 No	65
	MAT-02728	f	10" x 12"	1 No	91
	MAT-02729	g	12" x 15"	1 No	142
25		ELEC-1.4.2	Supply of Decolam Board of size		
	MAT-02730	a	4" x 4"	1 No	20
	MAT-02731	b	4" x 7	1 No	33
	MAT-02732	c	6" x 6"	1 No	46
	MAT-02733	d	6" x 8"	1 No	51
	MAT-02734	e	8" x 10"	1 No	91
	MAT-02735	f	10" x 12"	1 No	142
	MAT-02736	g	12" x 15"	1 No	214
26		ELEC-1.4.3	Supply of Peeta Boards of size		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02737	a	9" x 14"	1 No	65
	MAT-02738	b	12" x 10"	1 No	72
	MAT-02739	c	15" x 20"	1 No	246
	MAT-02740	d	18" x 24"	1 No	356
	MAT-02741	e	18" x 30"	1 No	440
27		ELEC-1.4.4	Supply of No.8 Screws of		
	MAT-02742	a	12mm.	100 Nos	78
	MAT-02743	b	25mm.	100 Nos	97
	MAT-02744	c	30mm.	100 Nos	117
	MAT-02745	d	35/38mm.	100 Nos	129
	MAT-02746	e	50mm	100 Nos	151
	MAT-02747	f	63/75mm.	100 Nos	181
		1.5	**COPPER FLEXIBLE CABLES (AS PER IS:694)**		
28		ELEC-1.5.1	Supply of……. ISI marked FRLS/ FRLS-H / HFFR / ZHFR PVC insulated flexible copper cables 1100V grade conforming to IS: 694:2010 & IS:17048/2018(for HFFR/ZHFR variants). Makes: As per list of recommended brands as category I		
	MAT-02748	a	1.0 Sq mm	100 RM	1709
	MAT-02749	b	1.5 Sq mm	100 RM	2455
	MAT-	c	2.5 Sq mm	100	3966

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02750			RM	
	MAT-02751	d	4.0 Sq mm	100 RM	6055
	MAT-02752	e	6.0 Sq mm	100 RM	9265
	MAT-02753	f	10.0 Sq mm	100 RM	14304
	MAT-02754	g	16.0 Sq mm	100 RM	22594
			Note: add 7% extra on above category I rates for HFFR/ZHFR variants.		
29		ELEC-1.5.2	Supply of……. ISI marked FRLS/ FRLS-H / HFFR / ZHFR PVC insulated flexible copper cables 1100V grade conforming IS: 694:2010 & IS:17048/2018(for HFFR/ZHFR variants). Makes: As per list of recommended brands as category II		
	MAT-02755	a	1.0 Sq mm	100 RM	1505
	MAT-02756	b	1.5 Sq mm	100 RM	2144
	MAT-02757	c	2.5 Sq mm	100 RM	3479
	MAT-02758	d	4.0 Sq mm	100 RM	5364
	MAT-02759	e	6.0 Sq mm	100 RM	8290
	MAT-02760	f	10.0 Sq mm	100 RM	12598
	MAT-02761	g	16.0 Sq mm	100 RM	20968
30		ELEC-1.5.3	Supply of……. ISI marked FRLS/ FRLS-H / HFFR / ZHFR PVC insulated flexible copper cables 1100V grade conforming IS: 694:2010 & IS:17048/2018(for HFFR/ZHFR variants). Makes: As per list of recommended brands as category III		
	MAT-02762	a	1.0 Sq mm	100 RM	1300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02763	b	1.5 Sq mm	100 RM	1820
	MAT-02764	c	2.5 Sq mm	100 RM	2926
	MAT-02765	d	4.0 Sq mm	100 RM	4388
	MAT-02766	e	6.0 Sq mm	100 RM	6827
	MAT-02767	f	10.0 Sq mm	100 RM	10810
	MAT-02768	g	16.0 Sq mm	100 RM	16579
			SHEATHED FLEXIBLE COPPER CABLES		
31		ELEC-1.5.4	Supply of ……...ISI marked, PVC insulated and sheathed FRLS/FRLS-H round copper cable for voltage up to 1100V conforming to IS 694:2010. Makes: As per list of recommended brands as category I		
	MAT-05466	a	Single Core, 25 Sq mm	1 RM	358
	MAT-05467	b	Single Core, 35 Sq mm	1 RM	504
	MAT-05468	c	Single Core, 50 Sq mm	1 RM	715
	MAT-05469	d	Single Core, 70 Sq mm	1 RM	976
	MAT-02769	e	2 core, 1.5 Sq mm	1 RM	73
	MAT-02770	f	2 core, 2.5 Sq mm	1 RM	114
	MAT-02771	g	2 core, 4.0 Sq mm	1 RM	155
	MAT-05470	h	2 core, 6 Sq mm	1 RM	236
	MAT-05471	i	2 core, 10 Sq mm	1 RM	342

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-05472	j	2 core, 16 Sq mm	1 RM	407
	MAT-02772	k	3 core, 1.5 Sq mm	1 RM	98
	MAT-02773	l	3 core, 2.5 Sq mm	1 RM	163
	MAT-02774	m	3 core, 4.0 Sq mm	1 RM	228
	MAT-05473	n	3 core, 6 Sq mm	1 RM	284
	MAT-05474	o	3 core, 10 Sq mm	1 RM	376
	MAT-05475	p	3 core, 16 Sq mm	1 RM	604
	MAT-02775	q	4 core, 1.5 Sq mm	1 RM	131
	MAT-02776	r	4 core, 2.5 Sq mm	1 RM	204
	MAT-02777	s	4 core, 4.0 Sq mm	1 RM	310
	MAT-05476	t	4 core, 6 Sq mm	1 RM	454
	MAT-05477	u	4 core, 10 Sq mm	1 RM	700
	MAT-05478	v	4 core, 16 Sq mm	1 RM	887
		w	2 core, 1.0 Sq.mm	1 RM	37
		x	4 core, 0.5 sq.mm	1 RM	119
		z	12 core, 0.5 sq.mm	1 RM	242
32		ELEC-1.5.5	Supply of ……...ISI marked PVC insulated and sheathed FRLS/FRLS-H round copper cable for voltage up to 1100V conforming to IS 694:2010. Makes: As per list of recommended brands as category II		
	MAT-05479	a	Single Core, 25 Sq mm	1 RM	318

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-05480	b	Single Core, 35 Sq mm	1 RM	463
	MAT-05481	c	Single Core, 50 Sq mm	1 RM	626
	MAT-05482	d	Single Core, 70 Sq mm	1 RM	901
	MAT-02778	e	2 core, 1.5 Sq mm	1 RM	65
	MAT-02779	f	2 core, 2.5 Sq mm	1 RM	98
	MAT-02780	g	2 core, 4.0 Sq mm	1 RM	139
	MAT-05483	h	2 core, 6 Sq mm	1 RM	218
	MAT-05484	i	2 core, 10 Sq mm	1 RM	310
	MAT-05485	j	2 core, 16 Sq mm	1 RM	390
	MAT-02781	k	3 core, 1.5 Sq mm	1 RM	90
	MAT-02782	l	3 core, 2.5 Sq mm	1 RM	146
	MAT-02783	m	3 core, 4.0 Sq mm	1 RM	194
	MAT-05486	n	3 core, 6 Sq mm	1 RM	268
	MAT-05487	o	3 core, 10 Sq mm	1 RM	349
	MAT-05488	p	3 core, 16 Sq mm	1 RM	553
	MAT-02784	q	4 core, 1.5 Sq mm	1 RM	114
	MAT-02785	r	4 core, 2.5 Sq mm	1 RM	163

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02786	s	4 core, 4.0 Sq mm	1 RM	259
	MAT-05489	t	4 core, 6 Sq mm	1 RM	422
	MAT-05490	u	4 core, 10 Sq mm	1 RM	642
	MAT-05491	v	4 core, 16 Sq mm	1 RM	838
		w	2 core, 1.0 sq.mm	1 RM	31
		x	4 core, 0.5 sq.mm	1 RM	37
		y	12 core, 0.5 sq.mm	1 RM	59
33	MAT-02787	ELEC-1.5.6 a	Supply of ISI marked 23 / 0060 twin core twisted / flat heavy Copper wire. Makes: As per list of recommended brands.	100 RM	1417
34		ELEC-1.5.6 b	Supply of ISI marked 23 / 0060 three core twisted / flat heavy Copper wire. Makes: As per list of recommended brands.	100 RM	1847
35		ELEC-1.5.7	Supply and Transportation of RG 6 co-axial cable for TVs. Makes: As per list of recommended brands as category I.	1 RM	33
36		ELEC-1.5.8	Supply and Transportation of RG 6 co-axial cable for TVs. Makes: As per list of recommended brands as category II.	1 RM	18
		1.6	**SERVICE MAINS AND FLAT CABLE FOR SUBMERSIBLE MOTORS.**		
37		ELEC-1.6.1	Supply of ……...ISI marked WPSC (Weatherproof Single Core) ISI Aluminum Wire. Makes: As per list of recommended brands.		
	MAT-02788	a	2.5 Sq mm	100 RM	911
	MAT-02789	b	6 Sq mm	100 RM	1816

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02790	c	10 Sq mm	100 RM	1980
	MAT-02791	d	16 Sq mm	100 RM	3300
38		ELEC-1.6.2	Supply of ……. ISI marked WPTC (Weatherproof Twin Core) ISI Aluminum Wire. Makes: As per list of recommended brands.		
	MAT-02792		6 Sq mm	100 RM	3696
	MAT-02793		10 Sq mm	100 RM	4469
			16 Sq mm	100 RM	6900
39		ELEC-1.6.3	Supply of 3 Core……ISI marked Flat Copper cable of ISI for Submersible Motors conforming to IS 694:2010. Makes: As per list of recommended brands as category I		
	MAT-02794	a	1.5 Sq mm	1 RM	90
	MAT-02795	b	2.5 Sq mm	1 RM	131
	MAT-02796	c	4.0 Sq mm	1 RM	204
	MAT-02797	d	6.0 Sq mm	1 RM	293
	MAT-02798	e	10.0 Sq mm	1 RM	463
	MAT-02799	f	16.0 Sq mm	1 RM	608
40		ELEC-1.6.4	Supply of 3 Core……. ISI marked, Flat Copper cable of ISI for Submersible Motors conforming to IS 694:2010. Makes: As per list of recommended brands as category II		
	MAT-02800	a	1.5 Sq mm	1 RM	82
	MAT-02801	b	2.5 Sq mm	1 RM	118

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02802	c	4.0 Sq mm	1 RM	181
	MAT-02803	d	6.0 Sq mm	1 RM	259
	MAT-02804	e	10.0 Sq mm	1 RM	422
	MAT-02805	f	16.0 Sq mm	1 RM	553
		1.7	**FLUSH TYPE SWITCHES AND ACCESSORIES**		
41		ELEC-1.7.1	Supply of …… ISI marked. Makes: As per list of recommended brands.		
	MAT-02806	a	6A, 1 Way flush type Switch.	1 No	18
	MAT-02807	b	6A, 2 Way flush type Switch.	1 No	22
	MAT-02808	c	6A, 2 pin flush type Socket.	1 No	21
	MAT-02809	d	6A, 3 pin flush type Socket with shutter.	1 No	27
	MAT-02810	e	6A, flush type Neon Indicator.	1 No	21
	MAT-02811	f	6A, Triangle Plug Top of	1 No	35
	MAT-02812	g	1 Way, flush type Bed Switch / Bell Push.	1 No	22
	MAT-02813	h	16A, flush type Switch.	1 No	69
	MAT-02814	i	16A, flush type Socket with shutter.	1 No	69
	MAT-02815	j	16A, flush type Switch Socket combined (2 in one).	1 No	104
	MAT-02816	k	16A, Triangle Plug Top	1 No	53

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02817	l	Step type Electronic Regulator, Socket size of wattage 100/120W.	1 No	208
	MAT-02818	m	3 Plate Jumbo Ceiling Rose.	1 No	22
	MAT-02819	n	BH / SBH.	1 No	21
	MAT-02820	o	Pendent Holder / Adopter.	1 No	18
	MAT-02821	p	Telephone Jack with Connector.	1 No	53
	MAT-02822	q	TV Antenna Outlet.	1 No	29
	MAT-02823	r	15A/10A Flush type Fuse.	1 No	35
	MAT-02824	s	32A DP Flush type.	1 No	110
	MAT-02825	t	Calling Bell.	1 No	76
	MAT-02826	u	Buzzer.	1 No	64
	MAT-02827	v	Ding Dong Bell.	1 No	156
	MAT-02828	w	Electronic Musical Bell.	1 No	254
	MAT-02829	x	Remote Bell.	1 No	734
	MAT-02830	y	MC Holder.	1 No	23
	MAT-02831	z	Spike Guard with 1 No Switch and 4 Nos Sockets.	1 No	404
	MAT-02832	A	Spike Guard with 4 No Switches and 4 Nos Sockets.	1 No	578

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		1.8	**MODULAR SWITCHES AND ACCESSORIES**		
42		ELEC-1.8.1	Supply of …… ISI marked conforming to IS 3854:1997 for switches and IS 1293:2019 for plugs and socket-outlets. Makes: As per list of recommended brands as category I.		
	MAT-02833	a	6A / 10A, 1 Way, 1 Module, Modular Switch.	1 No	72
	MAT-02834	b	6A / 10A, 2 Way, 1 Module, Modular Switch.	1 No	80
	MAT-02835	c	6A / 10A, 2 Pin, 2 Module, Modular Socket.	1 No	80
	MAT-02836	d	6A / 10A, 3-Pin, 2 Module, Modular Socket with shutter.	1 No	122
	MAT-02837	e	6A / 10A, 1 Module, Modular Switch with Neon Indicator.	1 No	99
	MAT-02838	f	6A / 10A, Modular Bell Push with Neon Indicator.	1 No	117
	MAT-02839	g	16A / 10A, Modular Flush Fuse with Neon Indicator.	1 No	124
	MAT-02840	h	16A / 20A, 1 Way, 1 Module, Modular Switch.	1 No	124
	MAT-02841	i	16A / 20A, 2 Way, 1 Module, Modular Switch.	1 No	135
	MAT-02842	j	20A, 1 Way, 1 Module, Modular Switch with Indicator.	1 No	135
	MAT-02843	k	20A, Modular Socket with shutter.	1 No	189
	MAT-02844	l	16A/6A, 1 way, Combi Socket Modular Socket with shutter	1 No	193
	MAT-02845	m	Deleted	1 No	
	MAT-02846	n	2 Module Modular type electronic step type Fan Regulator.	1 No	421
	MAT-02847	o	Modular socket type Telephone jack with Connector	1 No	84
	MAT-	p	Modular co-Axial socket type TV Antenna outlet.	1 No	84

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02848				
	MAT-02849	q	Push type button motor starter for A.C Units	1 No	678
	MAT-08755	r	32A Modular type Double pole Switch with indicator	1 No	298
	MAT-08756	s	One Module PVC Blanking plate	1 No	21
	MAT-08757	t	Skirting Light with LED 230V 3 Module	1 No	149
43		ELEC-1.8.2	Supply of …… ISI marked conforming to IS 3854:1997 for switches and IS 1293:2019 for plugs and socket-outlets. Makes: As per list of recommended brands as category II		
	MAT-02850	a	6A / 10A, 1 Way, 1 Module Modular Switch.	1 No	52
	MAT-02851	b	6A / 10A, 2 Way, 1 Module Modular Switch.	1 No	61
	MAT-02852	c	6A / 10A, 2 Pin, 2 Module Modular Socket.	1 No	61
	MAT-02853	d	6A / 10A, 3- Pin, 2 Module Modular Socket with shutter.	1 No	94
	MAT-02854	e	6A / 10A, 1 Module, Modular Switch with Neon Indicator.	1 No	65
	MAT-02855	f	6A / 10A, Modular Bell Push with Neon Indicator.	1 No	75
	MAT-02856	g	16A / 10A, Modular Flush Fuse with Neon Indicator.	1 No	82
	MAT-02857	h	16A / 20A, 1 Way, 1 Module Modular Switch.	1 No	82
	MAT-02858	i	16A / 20A, 2 Way, 1 Module Modular Switch.	1 No	92
	MAT-02859	j	20A, 1 Way, 1 Module, Modular Switch with Indicator.	1 No	86
	MAT-02860	k	20A Modular Socket with shutter.	1 No	159

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02861	l	16A/6A, 1 way, Combi Socket Modular Socket with shutter	1 No	159
	MAT-02862	m	Deleted	1 No	
	MAT-02863	n	2 Module, Modular type, electronic step type Fan Regulator.	1 No	342
	MAT-02864	o	Modular socket type Telephone jack with Connector	1 No	56
	MAT-02865	p	Modular co-Axial socket type TV Antenna outlet.	1 No	56
	MAT-02866	q	Push type button motor starter for A.C Units	1 No	632
	MAT-08758	r	32A Modular type Double pole Switch with indicator	1 No	255
	MAT-08759	s	One Module PVC Blanking plate	1 No	17
	MAT-08760	t	Skirting Light with LED 230V 3 Module	1 No	128
			COVER FRAMES		
44		ELEC-1.8.3	Supply of …… Makes: As per list of recommended brands as category I.		
	MAT-02867	a	1 or 2 Modular Cover Frame.	1 No	76
	MAT-02868	b	3 Modular Cover Frame.	1 No	89
	MAT-02869	c	4 Modular Cover Frame.	1 No	101
	MAT-02870	d	6 Modular Cover Frame.	1 No	152
	MAT-02871	e	8 Modular Horizontal / Vertical Cover Frame.	1 No	197
	MAT-02872	f	12 Modular Vertical Cover Frame.	1 No	240
		g	16 Modular Cover Frame.	1 No	320

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		h	18 Modular Cover Frame.	1 No	360
45		ELEC-1.8.4	Supply of …… Makes: As per list of recommended brands as category II		
	MAT-02873	a	1 or 2 Modular Cover Frame.	1 No	63
	MAT-02874	b	3 Modular Cover Frame.	1 No	76
	MAT-02875	c	4 Modular Cover Frame.	1 No	89
	MAT-02876	d	6 Modular Cover Frame.	1 No	127
	MAT-02877	e	8 Modular Horizontal / Vertical Cover Frame.	1 No	159
	MAT-02878	f	12 Modular Vertical Cover Frame.	1 No	190
		g	16 Modular Cover Frame.	1 No	253
		h	18 Modular Cover Frame.	1 No	285
			SECTION - 2		
		2.1	**PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS (SDFU)**		
46		ELEC-2.1.1	Supply of ……ISI marked TPN Switch Disconnector Fuse Unit, Cubical type without fuses as per IS: 13947/IEC 60947-3 Makes: As per list of recommended brands as category I.		
	MAT-02879	a	32A	1 No	1543
	MAT-02880	b	63A	1 No	2635
	MAT-02881	c	125A	1 No	6291
	MAT-02882	d	200A	1 No	8249
	MAT-02883	e	250A	1 No	9851

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02884	f	400A	1 No	15192
	MAT-02885	g	630A	1 No	25756
47		ELEC-2.1.2	Supply of ……. ISI marked TPN Switch Disconnector Fuse Unit, Cubical type without fuses as per IS: 13947/IEC 60947-3 Makes: As per list of recommended brands as category II		
	MAT-02886	a	32A	1 No	1306
	MAT-02887	b	63A	1 No	1935
	MAT-02888	c	125A	1 No	4332
	MAT-02889	d	200A	1 No	6528
	MAT-02890	e	250A	1 No	7359
	MAT-02891	f	400A	1 No	11276
	MAT-02892	g	630A	1 No	18872
		2.2	**ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION)**		
48		ELEC-2.2.1	Supply of ……. ISI marked 4 Pole Change Over Switch on Load with open Execution as per IS:13947 Makes: As per list of recommended brands as category I.		
	MAT-02893	a	63A	1 No	5839
	MAT-02894	b	125A	1 No	10967
	MAT-02895	c	200A	1 No	14670
	MAT-02896	d	250A	1 No	20936
	MAT-	e	400A	1 No	31619

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02897				
	MAT-02898	f	630A	1 No	37744
49		ELEC-2.2.2	Supply of …….. ISI marked 4 Pole Change Over Switch on Load with open Execution as per IS:13947 Makes: As per list of recommended brands as category II.		
	MAT-02899	a	32 A	1 No	2136
	MAT-02900	b	63A	1 No	5270
	MAT-02901	c	125A	1 No	10397
	MAT-02902	d	200A	1 No	13531
	MAT-02903	e	250A	1 No	19228
	MAT-02904	f	400A	1 No	29626
	MAT-02905	g	630A	1 No	34895
		2.3	**OFF LOAD CHANGE OVER SWITCHES IN SS ENCLOUSURE**		
50		ELEC-2.3.1	Supply of ……... Off load Changeover Switch in sheet steel enclosure as per IS:13947 Makes : As per list of recommended brands as category I		
		a	32A 240V DP	1 No	1632
		b	63A 415V FP	1 No	5614
		c	100A 415V FP	1 No	9857
51		ELEC-2.3.2	Supply of ……... Off load Changeover Switch in sheet steel enclosure as per IS:13947 Makes : As per list of recommended brands as category II		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		a	32A 240V DP	1 No	947
		b	63A 415V FP	1 No	3264
		c	100A 415V FP	1 No	6136
			ON LOAD CHANGE OVER SWITCHES IN SS ENCLOUSURE		
52		ELEC-2.3.3	Supply of ……...ISI marked 4 pole On load Changeover Switch in sheet steel enclosure as per IS:13947 Makes: As per list of recommended brands as category I		
	MAT-02906	a	63A	1 No	7380
	MAT-02907	b	125A	1 No	13564
	MAT-02908	c	200A	1 No	17084
53		ELEC-2.3.4	Supply of ……. ISI marked 4 pole On load Changeover Switch in sheet steel enclosure as per IS:13947 Makes: As per list of recommended brands as category II		
	MAT-02909	a	63A	1 No	6642
	MAT-02910	b	125A	1 No	12208
	MAT-02911	c	200A	1 No	15376
		2.4	**AUTO TRANSFER SWITCH**		
54		ELEC-2.4.1	Supply of …… auto transfer switch for instantaneous switching between sources as per IEC 60947-6-1, Closed transition, (bare unit-without enclosure) with voltage surge suppressor, communication interface etc., complete. Makes: As per list of recommended brands.		
	MAT-02912	a	125A, 415VAC, FP	1 No	44450

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02913	b	160A, 415VAC FP	1 No	46355
	MAT-02914	c	200A 415VACFP	1 No	57785
	MAT-02915	d	250A, 415VAC FP	1 No	64811
	MAT-02916	e	315A, 415VAC FP	1 No	67750
	MAT-02917	f	400A, 415VAC FP	1 No	77559
55		ELEC-2.4.2	Supply of ……. auto transfer switch for instantaneous switching between sources as per IEC 60947-6-1, Closed transition, (bare unit-without enclosure) with voltage surge suppressor, communication interface etc., complete. Makes: As per list of recommended brands.		
	MAT-02918	a	630A,415VAC FP	1 No	99523
	MAT-02919	b	800A, 415VAC FP	1 No	126998
	MAT-02920	c	1000A,415VAC FP	1 No	157478
	MAT-02921	d	1250A, 415VAC FP	1 No	195578
	MAT-02922	e	1600 A, 415VAC FP	1 No	242567
	MAT-02923	f	2000 A, 415VAC FP	1 No	354325
	MAT-02924	g	2500 A, 415VAC FP	1 No	391155
	MAT-02925	h	3200 A, 415VAC FP	1 No	502913
		2.5	**REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE**		
56		ELEC-2.5.1	Supply of …….. ISI marked Rewireable Fuse Switch in SS enclosure as per IS:13947 Makes: As per list of recommended brands as category I		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02926	a	32A 240V SPN	1 No	1080
	MAT-02927	b	32A 415V TPN	1 No	2413
	MAT-02928	c	63A 415V TPN	1 No	4953
	MAT-02929	d	100A 415V TPN	1 No	9144
57		ELEC-2.5.2	Supply of ……. Double Break Switch in SS enclosure without fuses as per IS:13947 Makes: As per list of recommended brands as category I		
	MAT-02930	a	100A 415V TPN	1 No	8226
	MAT-02931	b	200A 415V TPN	1 No	11834
58		ELEC-2.5.3	Supply of ……. …. Rewireable Fuse Switch in SS enclosure as per IS:13947 Makes: As per list of recommended brands as category II		
	MAT-02932	a	32A 240V SPN	1 No	762
	MAT-02933	b	32A 415V TPN	1 No	1168
	MAT-02934	c	63A 415V TPN	1 No	2794
	MAT-02935	d	100A 415V TPN	1 No	5334
59		ELEC-2.5.4	Supply of ……...Double Break Switch in SS enclosure without fuse as per IS:13947 Makes: As per list of recommended brands as category II		
	MAT-02936	a	100A 415V TPN	1 No	5461
	MAT-02937	b	200A 415V TPN	1 No	8890

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		2.6	**HRC FUSE LINKS (DIN/BOLTED TYPE)**		
60		ELEC-2.6.1	Supply of……ISI marked HRC Fuse Links as per IS 13703-Part 2/IEC 60269- Part 2 Makes: As per list of recommended brands as category I		
	MAT-02938	a	6A to 35 A	1 No	63
	MAT-02939	b	45A to 63A	1 No	96
	MAT-02940	c	100 A to 160 A	1 No	299
	MAT-02941	d	250A to 350A	1 No	444
	MAT-02942	e	400A	1 No	845
	MAT-05457	f	630A	1 No	1690
		2.7	**PORCELAIN REWIRABLE FUSE UNITS.**		
61		ELEC-2.7.1	Supply of …... Porcelain Rewireable Fuse Units. Makes: As per list of recommended brands.		
	MAT-02943	a	32A, 240V	1 No	161
	MAT-02944	B	32A, 415V	1 No	240
	MAT-02945	C	63A, 415V	1 No	403
	MAT-02946	D	100A, 415V	1 No	835
62		ELEC-2.7.2	Supply of…….. Porcelain Rewireable Fuse Units with extension strip. Makes: As per list of recommended brands.		
	MAT-02947	A	200A, 415V	1 No	1366
	MAT-02948	B	300A, 415V	1 No	1678

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		2.8	VOLTAGE SURGE PROTECTORS		
63		ELEC-2.8.1	Supply of …….... Voltage Surge Protector, confirms to IEC/EN 61643-11. Makes: As per list of recommended brands.		
	MAT-02949	A	2 Pole 2 Module 40 KA, 1.4 KV	1 No	8308
	MAT-02950	B	4 Pole 4 Module 40 KA, 1.4 KV	1 No	15579
	MAT-02951	C	2 Pole 2 Module 15 KA, 1.2 KV	1 No	6647
	MAT-02952	D	4 Pole 4 Module 15 KA, 1.2 KV	1 No	12462
		2.9	PANEL MOUNTING MCCBs		
64		ELEC-2.9.1	Supply of ……., adjustable, confirms to IEC 60947-2 and IS 13947-Part 1 & 2, having Breaking Capacity ……. with thermal magnetic release Panel Mounted. Makes: As per list of recommended brands as category I		
	MAT-02953	A	63-100A 3 Pole MCCB,16 KA	1 No	8286
	MAT-02954	B	63-100A 4 Pole MCCB,16 KA	1 No	8933
	MAT-02955	C	125A 3 Pole MCCB,25 KA	1 No	9710
	MAT-02956	D	125A 4 Pole MCCB,25 KA	1 No	11264
	MAT-02957	E	160A 3 Pole MCCB,25 KA	1 No	12300
	MAT-02958	F	160A 4 Pole MCCB,25 KA	1 No	15795
	MAT-02959	G	250A 3 Pole MCCB,36/35 KA	1 No	20068
	MAT-02960	H	250A 4 Pole MCCB,36/35 KA	1 No	26477
	MAT-02961	I	400A 3 Pole MCCB,36/35 KA	1 No	26336

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02962	J	400A 4 Pole MCCB,36/35 KA	1 No	33015
	MAT-02963	K	630A 3 Pole MCCB,50 KA	1 No	39488
	MAT-02964	L	630A 4 Pole MCCB,50 KA	1 No	48551
	MAT-02965	M	800A 3 Pole MCCB,50 KA	1 No	72503
	MAT-02966	N	800A 4 Pole MCCB,50 KA	1 No	77682
		O	16 - 50A 3 Pole MCCB, 16KA	1 No	6562
		P	16 - 50A 4 Pole MCCB, 16KA	1 No	8239
		Q	200A 3 Pole MCCB,25 KA	1 No	14428
		R	200A 4 Pole MCCB,25 KA	1 No	18351
		S	300/320A 3 Pole MCCB,36/35 KA	1 No	26659
		T	300/320A 4 Pole MCCB,36/35 KA	1 No	31308
		U	500A 3 Pole MCCB,50 KA	1 No	37645
		V	500A 4 Pole MCCB,50 KA	1 No	47661
65		ELEC-2.9.2	Supply of ……., adjustable, confirms to IEC 60947-2 and IS 13947-Part 1 & 2, having Breaking Capacity ……. with thermal magnetic release Panel Mounted. Makes: As per list of recommended brands as category II		
	MAT-02967	A	63-100A 3 Pole MCCB,16 KA	1 No	5826
	MAT-02968	B	63-100A 4 Pole MCCB,16 KA	1 No	7575
	MAT-02969	C	125A 3 Pole MCCB,25 KA	1 No	7380
	MAT-02970	D	125A 4 Pole MCCB,25 KA	1 No	9646
	MAT-02971	E	160A 3 Pole MCCB,25 KA	1 No	10099
	MAT-	F	160A 4 Pole MCCB,25 KA	1 No	13335

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	02972				
	MAT-02973	G	250A 3 Pole MCCB,36/35 KA	1 No	19679
	MAT-02974	H	250A 4 Pole MCCB,36/35 KA	1 No	23822
	MAT-02975	I	400A 3 Pole MCCB,36/35 KA	1 No	24729
	MAT-02976	J	400A 4 Pole MCCB,36/35 KA	1 No	29649
	MAT-02977	K	630A 3 Pole MCCB,50 KA	1 No	34957
	MAT-02978	L	630A 4 Pole MCCB,50 KA	1 No	42207
	MAT-02979	M	800A 3 Pole MCCB,50 KA	1 No	60204
	MAT-02980	N	800A 4 Pole MCCB,50 KA	1 No	67324
		O	16 - 50A 3 Pole MCCB, 16KA	1 No	3918
		P	16 - 50A 4 Pole MCCB, 16KA	1 No	4625
		Q	200A 3 Pole MCCB,25 KA	1 No	13486
		R	200A 4 Pole MCCB,25 KA	1 No	17322
		S	300/320A 3 Pole MCCB,36/35 KA	1 No	23530
		T	300/320A 4 Pole MCCB,36/35 KA	1 No	28910
		U	500A 3 Pole MCCB,50 KA	1 No	31346
		V	500A 4 Pole MCCB,50 KA	1 No	38828
			PANEL MOUNTING ACBs (Microprocessor Based)		
66		ELEC-2.9.3	Supply of Air Circuit Breaker confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having overload, shot circuit and earth fault protection with display and 20 faults History backup with BMS compatible communication ports. Makes: As per list of recommended brands as category I		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02981	a	630A, 3 Pole, 50kA, electrically operated, fixed type	1 No	138220
	MAT-02982	b	630A, 3 Pole, 50kA, electrically operated, manually draw out type	1 No	158458
	MAT-02983	c	630A, 4 Pole, 50kA, electrically operated, fixed type	1 No	165297
	MAT-02984	d	630A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	198847
	MAT-02985	e	800A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	158458
	MAT-02986	f	800A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	200542
	MAT-02987	g	1000A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	164805
	MAT-02988	h	1000A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	208263
	MAT-02989	i	1250A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	181805
	MAT-02990	j	1250A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	229424
	MAT-02991	k	1600A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	206771
	MAT-02992	l	1600A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	254297
	MAT-02993	m	2000A, 3 Pole, 75kA electrically operated, manually draw out type	1 No	242873
	MAT-02994	n	2000A, 4 Pole, 75kA electrically operated, manually draw out type	1 No	298322
	MAT-02995	o	2500A, 3 Pole, 75kA electrically operated, manually draw out type	1 No	300246
	MAT-02996	p	2500A, 4 Pole, 75kA electrically operated, manually draw out type	1 No	361814
	MAT-02997	q	3200A, 3 Pole, 75kA electrically operated, manually draw out type	1 No	339653

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-02998	r	3200A, 4 Pole, 75kA electrically operated, manually draw out type	1 No	401220
67		ELEC-2.9.4	Supply of Air Circuit Breaker confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having overload, shot circuit and earth fault protection with display and 20 faults History backup with BMS compatible communication ports. Makes: As per list of recommended brands as category II		
	MAT-02999	a	630A, 3 Pole, 50kA, electrically operated, fixed type	1 No	124398
	MAT-03000	b	630A, 3 Pole, 50kA, electrically operated, manually draw out type	1 No	142612
	MAT-03001	c	630A, 4 Pole, 50kA, electrically operated, fixed type	1 No	148767
	MAT-03002	d	630A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	178963
	MAT-03003	e	800A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	142612
	MAT-03004	f	800A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	180488
	MAT-03005	g	1000A, 3 Pole, 50kA electrically operated, manually draw out type	1 No	148325
	MAT-03006	h	1000A, 4 Pole, 50kA electrically operated, manually draw out type	1 No	187436
			AIR INSULATED BUS DUCT		
68		ELEC-2.9.5	Supply, installation, testing and commissioning of .....Amp, ...KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains/Bus Duct system made of CRCA sheet/Hot Galvanized steel encloser of thickness not less than 0.8 mm having degree of protection of IP 55 as per IEC/EN 61439-6, PVC/Plastic insulated reinforced with glass fibre four strip ALUMINIUM busbar in convenient sections including necessary end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System etc., with necessary joints Fire barrier at each floor Provision of tapping at each floor/every meter, continuous earthing with 2 no aluminum strip of suitable size (one on each side0 including GI clamping brackets, angle iron brackets, steel fasteners, connecting to earth system as required . Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03007	a	400Amp, 50 - 53KA	RM	14118
	MAT-03008	b	630Amp, 50 - 63KA	RM	16781
	MAT-03009	c	800 Amp, 50 - 76KA	RM	18394
	MAT-03010	d	1000 Amp, 50 - 76KA	RM	21137
	MAT-03011	e	1250 Amp, 50 - 76KA	RM	22106
	MAT-03012	f	1600 Amp, 50 - 76KA	RM	27754
69	MAT-03013	ELEC-2.9.6	Supply and Fixing of Spring Bracket with fixing kit for Air Insulated Busduct / Raising Mains. Makes: As per list of recommended brands.	1 No	8390
70		ELEC-2.9.7	Supply and fixing of ……. Amps Horizontal / Vertical bends for Air Insulated Bus Duct. Makes: As per list of recommended brands.		
	MAT-03014	a	400 Amps	1 No	16136
	MAT-03015	b	630 Amps	1 No	18394
	MAT-03016	c	800 Amps	1 No	19201
	MAT-03017	d	1000Amps	1 No	22509
	MAT-03018	e	1250 Amps	1 No	24202
	MAT-03019	f	1600 Amps	1 No	27431
71		ELEC-2.9.8	Supply and fixing of ……Amps Tap off box for Air Insulated Busduct. Makes: As per list of recommended brands.		
	MAT-03020	a	125A	1 No	19201
	MAT-	b	250A	1 No	22267

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03021				
	MAT-03022	c	400A	1 No	32915
	MAT-03023	d	630 A	1 No	35819
			SANDWICH BUSDUCT		
72		ELEC-2.9.9	Supply, installation, testing and commissioning of .....Amp, ...KA breaking capacity (100% Neutral busbar) Aluminum sandwich busduct system, Class F, made of CRCA sheet/Hot Galvanized steel encloser of thickness not less than 1.5mm having degree of protection of IP 55/IP 65 as per IEC/EN 61439-6, Halogen free and Fire retardant in compliance with standard EN 60332-3, insulated and separated by from each other by double layer of polyester film Class F, self-extinguishing material, non-desiccant, with high dielectric strength in convenient sections including end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. system etc., with necessary joints, provision of tapping at each floor/every meter, continuous earthing with 50x6mm of 2 of aluminum strip (one on each side0 including GI clamping brackets, angle iron brackets, steel fasteners, connecting to earth system as required . Makes: As per list of recommended brands.		
	MAT-03024	a	630Amp, 36/40	RM	17264
	MAT-03025	b	800Amp, 42/50KA	RM	19363
	MAT-03026	c	1000Amp, 50KA	RM	21298
	MAT-03027	d	1250 Amp,75kA	RM	22267
	MAT-03028	e	1600 Amp,80 kA	RM	27913
	MAT-03029	f	2000 Amp ,80kA	RM	34206
	MAT-03030	g	2500 Amp ,150 kA	RM	49051
	MAT-03031	h	3200 Amp,160kA	RM	56797

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03032	i	4000 Amp,160kA	RM	75996
73		ELEC-2.9.10	Supply and fixing of ……. Amps Horizontal / Vertical bends for sandwich Bus Duct. Makes: As per list of recommended brands.		
	MAT-03033	a	630A	1 No	17588
	MAT-03034	b	800A	1 No	19040
	MAT-03035	c	1000A	1 No	19846
	MAT-03036	d	1250 A	1 No	21461
	MAT-03037	e	1600 A	1 No	24527
	MAT-03038	f	2000 A	1 No	28559
	MAT-03039	g	2500 A	1 No	35982
	MAT-03040	h	3200 A	1 No	43727
	MAT-03041	i	4000 A	1 No	49051
74		ELEC-2.9.11	Supply and fixing of ……. Amps Copper Flexibles for three phases and neutral for **Air Insulated / sandwich** Busduct. Makes: As per list of recommended brands.		
	MAT-03042	a	400A	1 No	37596
	MAT-03043	b	630A	1 No	39854
	MAT-03044	c	800A	1 No	43405
	MAT-03045	d	1000A	1 No	45662
	MAT-	e	1250 A	1 No	48406

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03046				
	MAT-03047	f	1600 A	1 No	52116
	MAT-03048	g	2000 A	1 No	56797
	MAT-03049	h	2500 A	1 No	64540
	MAT-03050	i	3200 A	1 No	69058
	MAT-03051	j	4000 A	1 No	73738
75		ELEC-2.9.12	Supply and fixing of Flange end for ……. Amps for Air insulated Bus ducts. Makes: As per list of recommended brands.		
	MAT-03052	a	400A	1 No	14521
	MAT-03053	b	630A	1 No	19846
	MAT-03054	c	800A	1 No	24527
76		ELEC-2.9.13	Supply and fixing of Flange end for ……. Amps for sandwich bus ducts Makes: As per list of recommended brands.		
	MAT-03055	a	400A	1 No	17588
	MAT-03056	b	630A	1 No	25172
	MAT-03057	c	800A	1 No	29205
	MAT-03058	d	1000 A	1 No	30819
	MAT-03059	e	1250 A	1 No	33657
	MAT-03060	f	1600 A	1 No	35277
	MAT-	g	2000 A	1 No	37434

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03061				
	MAT-03062	h	2500 A	1 No	63411
	MAT-03063	i	3200 A	1 No	69382
	MAT-03064	j	4000 A	1 No	72931
77		ELEC-2.9.14	Supply and fixing of ……Amps Tap off box for Sandwich Busduct. Makes: As per list of recommended brands.		
	MAT-03065	a	160A	1 No	24202
	MAT-03066	b	250A	1 No	40661
	MAT-03067	c	400A	1 No	51471
	MAT-03068	d	630A	1 No	74705
	MAT-03069	e	800A	1 No	112140
		2.10	**MCBs (AS PER IS:60898-1:2002)**		
78		ELEC-2.10.1	Supply of …... 10KA C/D Curve ISI Mark. Makes: As per list of recommended brands as category I		
	MAT-03070	a	6-32A, SP MCB	1 No	228
	MAT-03071	b	40-63A, SP MCB	1 No	481
	MAT-03072	c	6-32A, DP MCB	1 No	692
	MAT-03073	d	40-63A, DP MCB	1 No	1100
	MAT-03074	e	6-32A, TP MCB	1 No	1100

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03075	f	40-63A, TP MCB	1 No	1767
	MAT-03076	g	6-32A, FP MCB	1 No	1514
	MAT-03077	h	40-63A, FP MCB	1 No	2206
79		ELEC-2.10.2	Supply of …….. 10KA C/D Curve ISI Mark. Makes: As per list of recommended brands as category II		
	MAT-03078	a	6-32A, SP MCB	1 No	192
	MAT-03079	b	40-63A, SP MCB	1 No	415
	MAT-03080	c	6-32A, DP MCB	1 No	583
	MAT-03081	d	40-63A, DP MCB	1 No	842
	MAT-03082	e	6-32A, TP MCB	1 No	908
	MAT-03083	f	40-63A, TP MCB	1 No	1370
	MAT-03084	g	6-32A, FP MCB	1 No	1238
	MAT-03085	h	40-63A, FP MCB	1 No	1719
80		ELEC-2.10.3	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark. Makes: As per list of recommended brands as category III		
	MAT-03086	a	6-32A, SP MCB	1 No	156
	MAT-03087	b	40-63A, SP MCB	1 No	264
	MAT-03088	c	6-32A, DP MCB	1 No	409
	MAT-03089	d	40-63A, DP MCB	1 No	601
	MAT-	e	6-32A, TP MCB	1 No	733

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03090				
	MAT-03091	f	40-63A, TP MCB	1 No	1142
	MAT-03092	g	6-32A, FP MCB	1 No	961
	MAT-03093	h	40-63A, FP MCB	1 No	1226
		2.11	**ISOLATORS CONFIRMS TO I E C 60947 PART-III**		
81		ELEC-2.11.1	Supply of …….. Isolator. Makes: As per list of recommended brands as category I.		
	MAT-03094	a	32A, DP	1 No	391
	MAT-03095	b	40A, DP	1 No	432
	MAT-03096	c	63A, DP	1 No	571
	MAT-03097	d	40A, TP	1 No	733
	MAT-03098	e	63A, TP	1 No	865
	MAT-03099	f	40A, FP	1 No	961
	MAT-03100	g	63A, FP	1 No	1082
	MAT-03101	h	100A, FP	1 No	1142
82		ELEC-2.11.2	Supply of ……. Isolator. Makes: As per list of recommended brands as category II		
	MAT-03102	a	32A, DP	1 No	379
	MAT-03103	b	40A, DP	1 No	396
	MAT-03104	c	63A, DP	1 No	481

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03105	d	40A, TP	1 No	685
	MAT-03106	e	63A, TP	1 No	697
	MAT-03107	f	40A, FP	1 No	793
	MAT-03108	g	63A, FP	1 No	853
	MAT-03109	h	100A, FP	1 No	1052
83		ELEC-2.11.3	Supply of……. Isolator. Makes: As per list of recommended brands as category III		
	MAT-03110	a	32A, DP	1 No	253
	MAT-03111	b	40A, DP	1 No	300
	MAT-03112	c	63A, DP	1 No	409
	MAT-03113	d	40A, TP	1 No	439
	MAT-03114	e	63A, TP	1 No	504
	MAT-03115	f	40A, FP	1 No	679
		2.12	**RCCBs (ELCB/RCD) CONFIRMS TO IEC:61008 AND IS:12640-1**		
84		ELEC-2.12.1	Supply of ……. RCCB for earth leakage protection. Makes: As per list of recommended brands as category I.		
	MAT-03116	a	40A, 2 Pole,30mA	1 No	3434
	MAT-03117	b	40A, 2 Pole,100mA	1 No	3639
	MAT-03118	c	40A, 4 Pole30mA	1 No	3780
	MAT-	d	40A, 4 Pole ,100mA	1 No	3922

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03119				
	MAT-03120	e	63A, 2 Pole,30mA,	1 No	4244
	MAT-03121	f	63A, 2 Pole,100mA	1 No	4178
	MAT-03122	g	63A, 4 Pole,30mA	1 No	4372
	MAT-03123	h	63A, 4 Pole,100mA	1 No	4861
85		ELEC-2.12.2	Supply of ……. RCCB for earth leakage protection. Makes: As per list of recommended brands as category II		
	MAT-03124	a	40A, 2 Pole,30mA	1 No	2893
	MAT-03125	b	40A, 2 Pole,100mA	1 No	2959
	MAT-03126	c	40A, 4 Pole30mA	1 No	3215
	MAT-03127	d	40A, 4 Pole ,100mA	1 No	3344
	MAT-03128	e	63A, 2 Pole,30mA,	1 No	3613
	MAT-03129	f	63A, 2 Pole,100mA	1 No	3703
	MAT-03130	g	63A, 4 Pole,30mA	1 No	3845
	MAT-03131	h	63A, 4 Pole,100mA	1 No	3857
			RCBO CONFIRMS TO IEC:61009-1		
86		ELEC-2.12.3	Supply of ……RCBO for overload, short-circuit and earth leakage protection. Makes: As per list of recommended brands.		
	MAT-03132	a	40A, 2 Pole, 30mA	1 No	5851
	MAT-	b	40A, 2 Pole,100mA	1 No	6391

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03133				
	MAT-03134	c	40A, 4 Pole, 30mA	1 No	6648
	MAT-03135	d	40A, 4 Pole,100mA	1 No	7034
	MAT-03136	e	63A, 2 Pole,30mA,	1 No	6996
	MAT-03137	f	63A, 2 Pole,100mA	1 No	7407
	MAT-03138	g	63A, 4 Pole,30mA	1 No	7844
	MAT-03139	h	63A, 4 Pole,100mA	1 No	7998
	MAT-08761	i	Supply of MCB type Changeover Switch 20A, Double Pole, 2 Way 400V AC suitable to fix on Din Channel		2163
		2.13	**MCB DISTRIBUTION BOARDS (AS PER IS 8623; IS 13032; IEC 61439-3)**		
			SPN DBs		
87		ELEC-2.13.1	Supply of ……. Protection suitable for ……. S.P outgoings and for 1 No incomer etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I.		
	MAT-03140	a	4 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	1105
	MAT-03141	b	8 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	1199
	MAT-03142	c	12 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1451
	MAT-03143	d	4 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	1514
	MAT-03144	e	8 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	1641
	MAT-03145	f	12 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1988

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
88		ELEC-2.13.2	Supply of ……. Protection suitable for ……. S.P outgoings and for 1 No incomer etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II.		
	MAT-03146	a	4 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	947
	MAT-03147	b	8 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	1009
	MAT-03148	c	12 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1262
	MAT-03149	d	4 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	1325
	MAT-03150	e	8 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	1451
	MAT-03151	f	12 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1704
89		ELEC-2.13.3	Supply of ……. Protection suitable for ……. S.P outgoings and for 1 No incomer etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category III.		
	MAT-03152	a	4 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	820
	MAT-03153	b	8 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	884
	MAT-03154	c	12 Way SPN DB with IP 30, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1105
	MAT-03155	d	4 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 2 Nos	1 No	1187
	MAT-03156	e	8 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs - 6 Nos	1 No	1262
	MAT-03157	f	12 Way SPN DB with IP 43, DP Incomer-1 No, SP MCBs -10 Nos	1 No	1514
			TPN DBs		
90		ELEC-2.13.4	Supply of …….... protection suitable for installation of ……of SP outgoing MCBs and for 1 No 4 pole, MCB/Isolator incomer along with provision for 1 No of 4 Pole RCCB/ELCB etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03158	a	(8 +12) 4 Way TPN DB Horizontal with IP 30, 12 Nos	1 No	2145
	MAT-03159	b	(8 +18) 6 Way TPN DB Horizontal with IP 30, 18 Nos	1 No	3028
	MAT-03160	c	(8 +12) 4 Way TPN DB Horizontal with IP 43, 12 Nos	1 No	3407
	MAT-03161	d	(8 +18) 6 Way TPN DB Horizontal with IP 43, 18 Nos	1 No	4795
	MAT-03162	e	(8 +24) 8 Way TPN DB Horizontal with IP 43, 24 Nos	1 No	5426
91		ELEC-2.13.5	Supply of …….... protection suitable for installation of ……of SP outgoing MCBs and for 1 No 4 pole, MCB/Isolator incomer along with provision for 1 No of 4 Pole RCCB/ELCB etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II.		
	MAT-03163	a	(8 +12) 4 Way TPN DB Horizontal with IP 30, 12 Nos	1 No	1956
	MAT-03164	b	(8 +18) 6 Way TPN DB Horizontal with IP 30, 18 Nos	1 No	2713
	MAT-03165	c	(8 +12) 4 Way TPN DB Horizontal with IP 43, 12 Nos	1 No	3028
	MAT-03166	d	(8 +18) 6 Way TPN DB Horizontal with IP 43, 18 Nos	1 No	4164
	MAT-03167	e	(8 +24) 8 Way TPN DB Horizontal with IP 43, 24 Nos	1 No	4795
92		ELEC-2.13.6	Supply of …….... protection suitable for installation of ……of SP outgoing MCBs and for 1 No 4 pole, MCB/Isolator incomer along with provision for 1 No of 4 Pole RCCB/ELCB etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category III.		
	MAT-03168	a	(8 +12) 4 Way TPN DB Horizontal with IP 30, 12 Nos	1 No	1766
	MAT-03169	b	(8 +18) 6 Way TPN DB Horizontal with IP 30, 18 Nos	1 No	2398
	MAT-03170	c	(8 +12) 4 Way TPN DB Horizontal with IP 43, 12 Nos	1 No	2334

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03171	d	(8 +18) 6 Way TPN DB Horizontal with IP 43, 18 Nos	1 No	3028
	MAT-03172	e	(8 +24) 8 Way TPN DB Horizontal with IP 43, 24 Nos	1 No	3533
			VTPN DBs		
93		ELEC-2.13.7	Supply of …….... Protection suitable for TP/SP out going MCBs and for 1 No of 4 pole MCB/Isolator incomer etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I .		
	MAT-03173	a	4 Way, VTPN DB with IP 43	1 No	8744
	MAT-03174	b	6 Way, VTPN DB with IP 43	1 No	10133
	MAT-03175	c	8 Way, VTPN DB with IP 43	1 No	11242
94		ELEC-2.13.8	Supply of 7 Segment ……with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and ……. Nos SPMCB's as outgoing MCBs as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I		
	MAT-03176	a	4 Way TPN DB, 12 Nos	1 No	9023
		b	6 Way TPN DB, 18 Nos	1 No	9373
	MAT-03177	c	8 Way TPN DB, 24 Nos	1 No	10285
		d	12 Way TPN DB, 36 Nos	1 No	12012
95		ELEC-2.13.9	Supply of ……. suitable for accommodating 125A / 160A 4 Pole MCCB as incomer and TP/SP MCBs as outgoings etc., as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I.		
	MAT-03178	a	4 Way VTPN MCCB DB with IP 43 Protection.	1 No	11382
		b	**6 Way VTPN MCCB DB with IP 43 Protection.**	**1 No**	12838
	MAT-03179	c	8 Way VTPN MCCB DB with IP 43 Protection.	1 No	14296

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
96		ELEC-2.13.10	Supply of …….. Protection suitable for TP/SP out going MCBs and for 1 No of 4 pole MCB/Isolator incomer etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II		
	MAT-03180	a	4 Way VTPN DB with IP 43	1 No	7698
	MAT-03181	b	6 Way VTPN DB with IP 43	1 No	8203
	MAT-03182	c	8 Way VTPN DB with IP 43	1 No	9590
97		ELEC-2.13.11	Supply of 7 Segment ……with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and ……. Nos SPMCB's as outgoing MCBs as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II		
	MAT-03183	a	4 Way TPN DB,12 Nos	1 No	8076
	MAT-03184	b	8 Way TPN DB,24 Nos	1 No	9212
98		ELEC-2.13.12	Supply of ……. suitable for accommodating 125A / 160A 4 Pole MCCB as incomer and TP/SP MCBs as outgoings etc., as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II		
	MAT-03185	a	4 Way VTPN MCCB DB with IP 43 Protection.	1 No	9212
		b	6 Way VTPN MCCB DB with IP 43 Protection.	1 No	10411
	MAT-03186	c	8 Way VTPN MCCB DB with IP 43 Protection.	1 No	11609
99		ELEC-2.13.13	Supply of ……. Metallic Plug and Socket with provision for 1 No of SP/TP MCB for control in SS enclosure as per IS 8623; IS 13032; IEC 61439-3 Makes: As per list of recommended brands as category I.		
	MAT-03187	a	20A SP	1 No	1368
	MAT-03188	b	20A TP	1 No	2589

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03189	c	32A TP	1 No	3054
100		ELEC-2.13.14	Supply of ……. Metallic Plug and Socket with provision for 1 No of SP/TP MCB for control in SS enclosure as per IS 8623; IS 13032; IEC 61439-3 Makes: As per list of recommended brands as category II.		
	MAT-03190	a	20A SP	1 No	884
	MAT-03191	b	20A TP	1 No	1577
	MAT-03192	c	32A TP	1 No	2082
101		ELEC-2.13.15	Supply of ……. Metallic Plug and Socket with provision for 1 No of SP/TP MCB for control in SS enclosure as per IS 8623; IS 13032; IEC 61439-3 Makes: As per list of recommended brands as category III.		
	MAT-03193	a	20A SP	1 No	664
	MAT-03194	b	20A TP	1 No	1262
	MAT-03195	c	32A TP	1 No	1766
102		ELEC-2.13.16	Supply of …. 1-way Sheet Steel enclosure with IP 20 Protection etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category I.		
	MAT-03196	a	SP	1 No	379
	MAT-03197	b	DP/TP/FP	1 No	505
103		ELEC-2.13.17	Supply of …. 1-way Sheet Steel enclosure with IP 20 Protection etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category II.		
	MAT-03198	a	SP	1 No	290
	MAT-03199	b	DP/TP/FP	1 No	416

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
104		ELEC-2.13.18	Supply of …. 1-way Sheet Steel enclosure with IP 20 Protection etc., complete as per IS 8623; IS 13032; IEC 61439-3. Makes: As per list of recommended brands as category III.		
	MAT-03200	a	SP	1 No	266
	MAT-03201	b	DP/TP/FP	1 No	391
		2.14	**Over voltage& Low voltage release**		
105		ELEC-2.14.1	Supply of Over voltage + Low Voltage release, 230V AC, 60V AC< U <170V AC, U> 267V AC, 1 module. Makes: As per list of recommended brands	1 No	3017
		ELEC-2.14.2	Supply of Over voltage, 230V AC, U >275V AC, 3 phase in 1 module suitable for 3Ph+N. Makes: As per list of recommended brands	1 No	4390
		2.15	**BUSBAR CHAMBERS(TPN)**		
106		ELEC-2.15.1	Supply and fixing of ……..4 Way Busbar chamber made of ETP Copper. Makes: As per list of recommended brands		
		a	63A	1 No	7632
		b	100A	1 No	8455
		c	200A	1 No	10459
			SECTION - 3		
		3.1	**STREET LIGHT LUMINAIRES**		
	MAT-03202	ELEC-3.1.1	deleted	1 No	
	MAT-03203	ELEC-3.1.2	deleted	1 No	
	MAT-03204	ELEC-3.1.3 a	Deleted	1 No	
	MAT-03205	ELEC-3.1.3 b	Deleted	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03206	ELEC-3.1.3 c	Deleted	1 No	
	MAT-03207	ELEC-3.1.4a	Deleted	1 No	
	MAT-03208	ELEC-3.1.4 b	Deleted	1 No	
	MAT-03209	ELEC-3.1.4 c	Deleted	1 No	
	MAT-03210	ELEC-3.1.5 a	Deleted	1 No	
	MAT-03212	ELEC-3.1.6 a	Deleted	1 No	
	MAT-03214	ELEC-3.1.7 a	Deleted	1 No	
	MAT-03215	ELEC-3.1.7 b	Deleted	1 No	
		3.2	**LED POST TOP LANTERN LUMINAIRES**		
107	MAT-03218	ELEC-3.2.1	Supply and Transportation of 40W LED Post top lantern made with cast Aluminum with decorative opal polycarbonate diffuser with IP 65 protection etc., complete with all accessories with not less than two years warranty. Makes: As per list of recommended brands.	1 No	7820
108	MAT-03219	ELEC-3.2.2	Supply and Transportation of 25 W Post Top lantern made with high Pressure die cast aluminum body with polycarbonate / high impact Poly carbonate protector for optimal luminous flux, IP66 suitable for vertical mounting of 76 mm dia, the luminaire shall have CCT 3000-4000K with internal surge protection of 4KV and External Surge Protection of 10 KV, p.f. >0.95 etc., with not less than two years warranty. Makes: As per list of recommended brands.	1 No	17480

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
109	MAT-03220	ELEC-3.2.3	Supply and Transportation of 35/40 W Post Top lantern made with high Pressure die cast aluminum body with polycarbonate / high impact PMMA protector for optimal luminous flux, IP66 suitable for vertical mounting of 76 mm dia. the luminaire shall have CCT 3000-4000K with internal surge protection of 4KV and External Surge Protection of 10 KV, p.f>0.95 etc., complete with not less than two years warranty. Makes: As per list of recommended brands.	1 No	21620
110	MAT-08762	ELEC-3.2.4	Supply and Transportation of 20 W LED Post top lantern made with cast Aluminum with decorative opal polycarbonate diffuser with IP 65 protection etc., complete with all accessories with not less than two years warranty. Makes: As per list of recommended brands.	1 No	4200
		3.3	**ACCESSORIES FOR MV / SV / MH LUMINAIRES**		
			COPPER BALLASTS		
	MAT-03221	ELEC-3.3.1 a	Deleted	1 No	
	MAT-03222	ELEC-3.3.1 b	Deleted	1 No	
	MAT-03223	ELEC-3.3.1 c	Deleted	1 No	
	MAT-03224	ELEC-3.3.1 d	Deleted	1 No	
	MAT-03225	ELEC-3.3.2 a	Deleted	1 No	
	MAT-03226	ELEC-3.3.2 b	Deleted	1 No	
	MAT-03227	ELEC-3.3.2 c	Deleted	1 No	
	MAT-03228	ELEC-3.3.2 d	Deleted	1 No	
			IGNITOR		
	MAT-	ELEC-	Deleted	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03229	3.3.3			
			HPF CAPACITORS		
	MAT-03230	ELEC-3.3.4 a	Deleted	1 No	
	MAT-03231	ELEC-3.3.4 b	Deleted	1 No	
	MAT-03232	ELEC-3.3.4 c	Deleted	1 No	
	MAT-03233	ELEC-3.3.4 d	Deleted	1 No	
	MAT-03234	ELEC-3.3.4 e	Deleted	1 No	
	MAT-03235	ELEC-3.3.4 f	Deleted	1 No	
		3.4	**LAMPS**		
	MAT-03236	ELEC-3.4.1 a	Deleted	1 No	
	MAT-03237	ELEC-3.4.1 b	Deleted	1 No	
	MAT-03238	ELEC-3.4.1 c	Deleted	1 No	
	MAT-03239	ELEC-3.4.1 d	Deleted	1 No	
	MAT-03240	ELEC-3.4.1 e	Deleted	1 No	
	MAT-03241	ELEC-3.4.1 f	Deleted	1 No	
	MAT-03242	ELEC-3.4.1 g	Deleted	1 No	
	MAT-03243	ELEC-3.4.1 h	Deleted	1 No	
	MAT-03244	ELEC-3.4.1 i	Deleted	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03245	ELEC-3.4.2 a	Deleted	1 No	
	MAT-03246	ELEC-3.4.2 b	Deleted	1 No	
	MAT-03247	ELEC-3.4.2 c	Deleted	1 No	
	MAT-03248	ELEC-3.4.2 d	Deleted	1 No	
	MAT-03249	ELEC-3.4.2 e	Deleted	1 No	
	MAT-03250	ELEC-3.4.2 f	Deleted	1 No	
	MAT-03251	ELEC-3.4.2 g	Deleted	1 No	
	MAT-03252	ELEC-3.4.2 h	Deleted	1 No	
	MAT-03253	ELEC-3.4.2 i	Deleted	1 No	
		3.5	**AUTOMATIC STREET LIGHT CONTROL SYSTEMS**		
111		ELEC-3.5.1	Supply of Automatic Street Light Control System with Optical Micro Sensor, Low voltage / High voltage trip and reset, operating voltage 150 - 280V AC, 50 HZ with suitable SMC enclosure of IP 54 protection, MCBs and contactor suitable to control the load of ..... of single-phase load with necessary clamping arrangements. Makes: As per list of recommended brands.		
	MAT-03254	a	1 KW	1 No	9900
	MAT-03255	b	3 KW	1 No	12430
	MAT-03256	c	5 KW	1 No	12980
	MAT-03257	d	8 KW	1 No	14850

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
112		ELEC-3.5.2	Supply of Automatic Street Light Control System with Optical Micro Sensor, Low voltage / High voltage trip and reset, operating voltage 150 - 280V AC per Phase, 50 HZ with suitable SMC enclosure of IP 54 protection, MCBs and contactor suitable to control the load of ..... of Three phase load with necessary clamping arrangements. Makes: As per list of recommended brands.		
	MAT-03258	a	5 KW	1 No	16280
	MAT-03259	b	8 KW	1 No	16830
	MAT-03260	c	12 KW	1 No	20350
	MAT-03261	d	25KW	1 No	32340
	MAT-03262	e	50KW	1 No	46200
113		ELEC-3.5.3	Supply and fixing of Automatic Street Light Controller with optical micro sensor low voltage/ High Voltage trip and reset operating voltage 150 - 280V AC, withstands up to 440V, 50 HZ with suitable ABS enclosure of IP 54 protection, suitable to control the load of 10A of single phase with necessary arrangements etc complete. Makes: As per list of recommended brands.		
	MAT-08763	a	SLASM-01-10A /equivalent (Dusk to Dawn)	1 No	3500
	MAT-08764	b	SLASM-02-10A /equivalent (Time setting after 4hr)	1 No	4500
	MAT-08765	c	SLASM-03-10A /equivalent (Time setting 4hr,6Hr, 8Hr)	1 No	4200
114		ELEC-3.5.4	Supply, installation testing and commissioning of single-phase Automatic Street Light Control system with smart energy meter/ CCMS to schedule the timing of lights (Reprogrammed based on astronomical clock or on field or through central control), ON / OFF switch (On field or centrally). CCMS system to capture the energy usage and other parameters at predetermined interval and store data for 30 days, download data in field via mobile		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			app or mobile dash board, system protection against surges,upgrade firmware on field using a communication device via WIFI / GSM and GPRS, MCB Reset mechanism for temporary fault rectification, inbuilt GPS for location identification, emergency on/off, with suitable rating of latching relay, door tamper sensing, instant load on/off functionality to support maintenance activity, low voltage/high voltage trip, overload cutoff and operating voltage 150-240 volts, 50Hz with CRCA power coated enclose of IP55 protection. Single pole C curve breaking capacity 10KA MCB and suitable to control the load ….KW of single phase with necessary clamping arrangements etc., Makes: As per list of recommended brands.		
		a	3 KW	1 No	14175
		b	5 KW	1 No	17010
		c	8 KW	1 No	20790
		d	12 KW	1 No	24570
		e	15 KW	1 No	27405
		f	18 KW	1 No	31185
		g	25 KW	1 No	39690
115		ELEC-3.5.5	Supply, installation Testing and commissioning of Three Phase Automatic Street Light Control system with smart energy meter / CCMS to schedule the timing of lights (Reprogrammed based on astronomical clock or on field or through central control), ON / OFF switch (On field or centrally). CCMS system to capture the energy usage and other parameters at predetermined interval and store data for 30 days, download data in field via mobile app or mobile dash board, system protection against surges, upgrade firmware on field using a communication device via WIFI / GSM and GPRS, MCB Reset mechanism for temporary fault rectification, inbuilt GPS for location identification, emergency on/off, with suitable rating of latching relay, door tamper sensing, instant load		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			on/off functionality to support maintenance activity, low voltage/high voltage trip, overload cutoff and operating voltage 350-450 volts, 50Hz with CRCA power coated enclose of IP55 protection. Single pole C curve breaking capacity 10KA MCB and suitable to control the load ….KW of three phase with necessary clamping arrangements etc., Makes: As per list of recommended brands.		
		a	3 KW	1 No	23625
		b	5 KW	1 No	26460
		c	8 KW	1 No	30240
		d	12 KW	1 No	34020
		e	15 KW	1 No	36855
		f	18 KW	1 No	40365
		g	25 KW	1 No	49140
		3.6	**INTERNAL LUMINAIRES**		
	MAT-03263	ELEC-3.6.1 a	Deleted	1 No	
	MAT-03264	ELEC-3.6.1 b	Deleted	1 No	
	MAT-03265	ELEC-3.6.2 a	Deleted	1 No	
	MAT-03266	ELEC-3.6.2 b	Deleted	1 No	
	MAT-03267	ELEC-3.6.3	Deleted	1 No	
			ACCESSORIES		
	MAT-03268	ELEC-3.6.4	Deleted	1 No	
	MAT-03269	ELEC-3.6.5	Deleted	1 No	
	MAT-	ELEC-	Deleted	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03270	3.6.6			
	MAT-03271	ELEC-3.6.7	Deleted	1 No	
	MAT-03272	ELEC-3.6.8	Deleted	1 No	
	MAT-03273	ELEC-3.6.9	Deleted	1 No	
	MAT-03274	ELEC-3.6.10	Deleted	1 No	
	MAT-03275	ELEC-3.6.11	Deleted	1 No	
		3.7	**FLOURSCENT TUBES / CFL LAMPS / LED BULBS**		
	MAT-03276	ELEC-3.7.1	Deleted	1 No	
	MAT-03277	ELEC-3.7.2	Deleted	1 No	
	MAT-03278	ELEC-3.7.3	Deleted	1 No	
116		ELEC-3.7.4	Supply of …. Pin type CFL Lamp. Makes: As per list of recommended brands.		
	MAT-03279	a	9W	1 No	66
	MAT-03280	b	11W	1 No	77
	MAT-03281	c	13W	1 No	99
	MAT-03282	d	18W	1 No	105
	MAT-03283	e	36W	1 No	138

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			LED BULBS		
117		ELEC-3.7.5	Supply of ……. Lamp with input voltage 90 to 300V, Color temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base. Makes: As per list of recommended brands.		
	MAT-03284	a	0.5W LED	1 No	46
	MAT-03285	b	3.0W LED	1 No	101
	MAT-03286	c	5.0W LED	1 No	110
	MAT-03287	d	(7 to 9)W LED	1 No	129
118	MAT-03292	ELEC-3.7.6	Supply of 3W to 5W 3000K, AC 160-260V, LED Candle Lamp for chandeliers. Makes: As per list of recommended brands.	1 No	184
119	MAT-08797	ELEC-3.7.7	Supply of 9W/10W LED Mirror Light fitting with decorative grey end caps, polycarbonate body and opal acrylic diffuser etc. Makes: As per list of recommended brands.	1 No	550
		3.8	**LED LUMINAIRES INDOOR**		
			DOWN LIGHTERS		
120		ELEC-3.8.1	Supply and fixing of..... heavy duty LED Down lighter, suitable for Recessed mounting made of pressure diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltage of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of >= 100 lumens / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03294	a	6W	1 No	549
	MAT-03295	b	9W	1 No	695
	MAT-	c	12W	1 No	1005

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03296				
	MAT-03297	d	15W	1 No	1079
	MAT-03298	e	18W	1 No	1153
121		ELEC-3.8.2	Supply and fixing of ..... heavy duty LED Down lighter, suitable for Recessed / Surface mounting made of pressure diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of > =90 lumens / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03299	a	6W	1 No	512
	MAT-03300	b	9W	1 No	652
	MAT-03301	c	12W	1 No	944
	MAT-03302	d	15W	1 No	1013
	MAT-03303	e	18W	1 No	1084
122		ELEC-3.8.3	Supply and fixing of..... heavy duty LED Down lighter, suitable for Recessed / Surface mounting made of pressure diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of >=80 lumens / watt, CCT: 3000K - 5700K, minimum CRI > 70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category III.		
	MAT-03304	a	6W	1 No	446
	MAT-03305	b	9W	1 No	573

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03306	c	12W	1 No	813
	MAT-03307	d	15W	1 No	874
	MAT-03308	e	18W	1 No	940
			LED PANEL LIGHTS		
123		ELEC-3.8.4	Supply and fixing of..... LED Slim Panel Round /Square suitable for Recessed / Surface mounting made of diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012, operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10%, with high power LEDs, having System Efficacy of >=100 lumens /watt, CCT: 3000K - 5700K, minimum CRI>70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) .etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03309	a	3W	1 No	227
	MAT-03310	b	6W	1 No	392
	MAT-03311	c	12W	1 No	651
	MAT-03312	d	15W	1 No	822
	MAT-03313	e	18W	1 No	900
	MAT-03314	f	24W	1 No	1136
	MAT-03315	g	40W (600mm x 600mm) square type	1 No	2779
		h	36W/40W (1200mm x 300mm) rectangle type	1 No	2893

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
124		ELEC-3.8.5	Supply and fixing of..... LED Slim Panel Round /Square suitable for Recessed / Surface mounting made of diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012, operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10%, with high power LEDs, having System Efficacy of >=90 lumens /watt, CCT: 3000K - 5700K, minimum CRI>70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03316	a	3W	1 No	220
	MAT-03317	b	6W	1 No	383
	MAT-03318	c	12W	1 No	626
	MAT-03319	d	15W	1 No	802
	MAT-03320	e	18W	1 No	861
	MAT-03321	f	24W	1 No	1057
	MAT-03322	g	40W (600mm x 600mm) square type	1 No	2701
		h	36W/40W (1200mm x 300mm) rectangle type	1 No	2814
125		ELEC-3.8.6	Supply and fixing of..... LED Slim Panel Round /Square suitable for Recessed / Surface mounting made of diecast aluminum body with powder coating, acrylic diffuser with driver as per IS: 15885 (Part 2/ Sec 13) : 2012, operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10%, with high power LEDs, having System Efficacy of >=80 lumens /watt, CCT: 3000K - 5700K, minimum CRI>70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category III.		
	MAT-03323	a	3W	1 No	208
	MAT-03324	b	6W	1 No	360

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03325	c	12W	1 No	588
	MAT-03326	d	15W	1 No	783
	MAT-03327	e	18W	1 No	810
	MAT-03328	f	24W	1 No	1018
			COB DOWN LIGHTS		
126		ELEC-3.8.7	Supply and fixing of..... LED COB Down lighter, suitable for Recessed mounting made of pressure diecast aluminum housing with powder coating, with high efficiency reflector , operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of > =100 lumens/watt, CCT: 3000K - 5700K, minimum CRI>70, .etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03329	a	9 / 10 W	1 No	1155
	MAT-03330	b	15 / 16 W	1 No	1497
	MAT-03331	c	18 / 20 W	1 No	1668
	MAT-03332	d	30 W	1 No	2652
	MAT-03333	f	45 W	1 No	2909
127		ELEC-3.8.8	Supply and fixing of ..... LED COB Down lighter, suitable for Recessed mounting made of pressure diecast aluminum housing with powder coating, with high efficiency reflector , operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of >=90 lumens / watt, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-	a	9 / 10 W	1 No	1112

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03334				
	MAT-03335	b	15/ 16W	1 No	1412
	MAT-03336	c	18 / 20W	1 No	1583
	MAT-03337	d	30W	1 No	2567
			SPOTLIGHTS / WALL WASHERS		
128		ELEC-3.8.9	Supply and Transportation of ..... LED COB Spotlight suitable for Recessed mounting made of diecast aluminum body with powder coating, high efficiency reflector, with driver, operating voltage range of 150 to 265 Volts AC, P.F > 0.9, surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of > =100 lumens/watt, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03338	a	2/3 W	1 No	385
	MAT-03339	b	5/6 W	1 No	471
	MAT-03340	c	7 W	1 No	898
129		ELEC-3.8.10	Supply and Transportation of ..... LED COB Spotlight suitable for Recessed mounting made of diecast aluminum body with powder coating, high efficiency reflector, with driver, operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10% with high power LEDs, having System Efficacy of > =90 lumens/watt, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03341	a	2/3 W	1 No	342
	MAT-03342	b	5/6 W	1 No	428
	MAT-03343	c	7 W	1 No	856

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
130		ELEC-3.8.11	Supply and fixing of..... LED single colour Wall washer, 1000mm length, IP65, made of diecast aluminum body with powder coating, with driver, operating voltage range of 150 to 265 Volts AC, with high power LEDs, having System Efficacy of >=100 lumens/watt, CCT: 3000-4000K , beam angle 25/45 degrees, minimum CRI>70, .etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03344	a	18W	1 No	3508
	MAT-03345	b	24W	1 No	4107
131		ELEC-3.8.12	Supply and fixing of..... LED single colour Wall washer, 1000mm length, IP65, made of diecast aluminum body with powder coating, with driver, operating voltage range of 150 to 265 Volts AC, with high power LEDs, having System Efficacy of >=90 lumens/watt, CCT: 3000-4000K , beam angle 25/45 degrees, minimum CRI>70, .etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03346	a	18W	1 No	3251
	MAT-03347	b	24W	1 No	3979
			LED BATTENs AND 2' x 2' LUMINARIES		
132	MAT-03348	ELEC-3.8.13	Supply and fixing of 20-24W, not less than 1100mm length LED batten light with extruded aluminum housing and polycarbonate cover, input voltage AC 220 - 260 Volts, with high power LEDs, having System Efficacy of >=100 lumens/watt , PF>0.9, Surge protection: 2KV, THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.	1 No	585

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
133	MAT-03349	ELEC-3.8.14	Supply and fixing of 20-24W, not less than 1100mm length LED batten light with extruded aluminum housing and polycarbonate cover, input voltage AC 220 - 260 Volts, with high power LEDs, having System Efficacy of >=90 lumens/watt , PF>0.9, Surge protection: 2KV, THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.	1 No	526
134	MAT-03350	ELEC-3.8.15	Supply and fixing of 20-24W, not less than 1100mm length LED batten light with extruded aluminum housing and polycarbonate cover, input voltage AC 220 - 260 Volts, with high power LEDs, having System Efficacy of >=80 lumens/watt , PF>0.9, Surge protection: 2KV, THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category III.	1 No	439
135	MAT-03351	ELEC-3.8.16	Supply and fixing of 20W, 2400 lumens, T8 not less than 1100 mm length LED retrofit tube light with aluminum anodized body, input voltage AC 220 - 260 Volts, having luminous efficacy >=100 lumens/ watt, with PF>0.9, surge protection: 2KV, THD<10%, with inbuilt driver and frosted cover CCT: 3000K-5700K, minimum CRI>70, etc., as per IS 10322 (Part 5/ Sec 1), 2012, complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.	1 No	520
136	MAT-03352	ELEC-3.8.17	Supply and fixing of 20W, 2400 lumens, T8 not less than 1100 mm length LED retrofit tube light with aluminum anodized body, input voltage AC 220 - 260 Volts, having luminous efficacy >=90 lumens/ watt, with PF>0.9, surge protection: 2KV, THD<10%, with inbuilt driver and frosted cover CCT: 3000K-5700K, minimum CRI>70, etc., as per IS 10322 (Part 5/ Sec 1), 2012, complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.	1 No	475

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
137	MAT-03353	ELEC-3.8.18	Supply of not less than 1100mm length, Box type powder coated tube light luminaire with necessary wiring suitable for fixing 2 Nos retrofit T8 LED tubes but without tube and choke. Makes: As per list of recommended brands as Category-I.	1 No	248
138	MAT-03354	ELEC-3.8.19	Supply of not less than 1100mm length, Box type powder coated tube light luminaire with necessary wiring suitable for fixing 1 No retrofit T8 LED tube but without tube and choke. Makes: As per list of recommended brands as Category-II.	1 No	214
139		ELEC-3.8.20	Supply, transportation and fixing of ..... Recessed / Surface mounting 2' x 2' (600x600 mm) LED luminaire made of CRCA sheet housing with powder coated with acrylic diffuser, constant current driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , with operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10%, with high power LEDs, having System Efficacy of >=100 lumens / watt, CCT: 3000K - 5700K, minimum CRI>70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03355	a	36 W	1 No	2646
	MAT-03356	b	45 W	1 No	2948
140		ELEC-3.8.21	Supply, transportation and fixing of ..... Recessed / Surface mounting 2' x 2' (600x600 mm) LED luminaire made of CRCA sheet housing with powder coated with acrylic diffuser, constant current driver as per IS: 15885 (Part 2/ Sec 13) : 2012 , with operating voltage range of 150 to 265 Volts AC, P.F > 0.9, Surge protection: 2KV, THD<10%, with high power LEDs, having System Efficacy of > =90 lumens / watt, CCT: 3000K - 5700K, minimum CRI>70, Luminaire performance complies to IS 10322 (Part 5 / Sec-2) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03357	a	36 W	1 No	2494
	MAT-03358	b	45 W	1 No	2797

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
141	MAT-03359	ELEC-3.8.22	Supply of 10W LED Bulkhead fitting with Pressure die cast aluminum with opal diffuser with IP 65 protection etc., complete. Makes: As per list of recommended brands as category I.	1 No	941
142		ELEC-3.8.22	Supply, Transportation and Fixing of ....., 1100mm length Linear Profile LED Luminaire recessed/surface mounted with Aluminum extrusion, powder coated cover, input voltage AC 90-270 volts with PF>0.95, with high power LEDs, having system efficacy of >=100 lumens / watt, surge protection: 2KV, THD<15%, with inbuilt driver and frosted cover CCT: 3000K - 5700K, minimum CRI>70, .etc., complete including fixing of 23W Linear light duly recessed in the ceiling/surface mounted by hanging from ceiling with necessary mounting arrangements, jointing kit, connecting wire leads etc., and all accessories, giving connections and all labour charges etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands.		
	MAT-08766	a	20/25W	1 No	3222
	MAT-08767	b	40W	1 No	5524
			LED STREET LIGHTS		
143		ELEC-3.8.23	Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminum body with powder coated, having protective toughened glass/ temperature protective polycarbonate diffuser, supply input voltage 120 - 270V AC, P.F > 0.90, high power LEDs having System Efficacy >=120 lumens/watt and junction temperature < 70°C, with Ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5/Sec-3), driver surge protection 4KV, in-house additional Surge protection 10 KV with optics distribution, THD<10% at 110 Volts AC, driver efficiency >90%, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03360	a	20W	1 No	1167
	MAT-03361	b	30W	1 No	1826

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03362	c	45W	1 No	2768
	MAT-03363	d	60W	1 No	3476
144		ELEC-3.8.24	Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminum body with powder coated, having protective toughened glass / temperature protective polycarbonate diffuser, supply input voltage 120 - 270V AC, P.F > 0.90, high power LEDs having System Efficacy >= 120 lumens/watt and junction temperature < 70°C, with Ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5/Sec-3), driver surge protection 4KV, in-house additional Surge protection 10 KV with optics distribution, THD<10% at 110 Volts AC, driver efficiency >90%, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I		
	MAT-03364	a	90W	1 No	5420
	MAT-03365	b	120W	1 No	7011
	MAT-03366	c	150W	1 No	8101
	MAT-03367	d	180W	1 No	9131
	MAT-03368	e	210W	1 No	11782
145		ELEC-3.8.25	Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminum body with powder coated, having protective toughened glass / temperature protective polycarbonate diffuser, supply input voltage 120 - 270V AC, P.F > 0.90, high power LEDs having System Efficacy >= 100 lumens/watt and junction temperature < 70°C, with Ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5/Sec-3), driver surge protection 4KV, in-house additional Surge protection 10 KV with optics distribution, THD<10% at 110 Volts AC, driver efficiency >90%, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II		
	MAT-03369	a	20W	1 No	1091

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03370	b	30W	1 No	1697
	MAT-03371	c	45W	1 No	2651
	MAT-03372	d	60W	1 No	3299
	MAT-03373	e	90W	1 No	5126
	MAT-03374	f	120W	1 No	6185
	MAT-03375	g	150W	1 No	7423
	MAT-03376	h	180W	1 No	8483
	MAT-03377	i	210W	1 No	10339
146		ELEC-3.8.26	Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminum body with powder coated, having protective toughened glass / temperature protective polycarbonate diffuser, supply input voltage 120 - 270V AC, P.F > 0.90, high power LEDs having System Efficacy >= 90 lumens/watt and junction temperature < 70°C, with Ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5/Sec-3), driver surge protection 4KV, in-house additional Surge protection 10 KV with optics distribution, THD<10% at 110 Volts AC, driver efficiency >90%, CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category III		
	MAT-03378	a	20W	1 No	1034
	MAT-03379	b	30W	1 No	1503
	MAT-03380	c	45W	1 No	2475
	MAT-03381	d	60W	1 No	3063
	MAT-03382	e	90W	1 No	4771

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03383	f	120W	1 No	5596
			FLOOD LIGHTS		
147		ELEC-3.8.27	Supply and transportation of ..... LED Flood light Luminaire made of pressure diecast aluminum housing with powder coated, having protective toughened glass, supply Input voltage 120 - 270 V AC, P.F > 0.90, high power LEDs, with a System Efficacy >=120 lumens/watt and junction temperature < 70°C, with ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5 / Sec-5), IK05, driver surge protection 4KV, In-house additional surge protection ≥ 10KV with wide/ narrow beam optics, THD<10% at 110 Volts AC, driver efficiency >90%, , CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03384	a	50/60W	1 No	3447
	MAT-03385	b	90/100W	1 No	6097
	MAT-03386	c	120W	1 No	7899
	MAT-03387	d	150W	1 No	9278
	MAT-03388	e	200W	1 No	11134
	MAT-03389	f	250W	1 No	12989
	MAT-03390	g	300 W	1 No	15375
	MAT-03391	h	400W	1 No	17760
148		ELEC-3.8.28	Supply and transportation of ..... LED Flood light Luminaire made of pressure diecast aluminum housing with powder coated, having protective toughened glass, supply Input voltage 120 - 270 V AC, P.F > 0.90, high power LEDs, with a System Efficacy >=100 lumens/watt and junction temperature < 70°C, with ingress protection IP66, Luminaire performance complies to IS 10322 (Part 5 / Sec-5), IK05, driver surge protection 4KV, In-house additional surge protection ≥ 10KV with wide/ narrow beam optics, THD<10% at 110 Volts AC, driver efficiency >90%, ,		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03392	a	50/60W	1 No	3074
	MAT-03393	b	90/100W	1 No	5567
	MAT-03394	c	120W	1 No	7157
	MAT-03395	d	150W	1 No	8483
	MAT-03396	e	200W	1 No	10073
			HIGH BAY LIGHTS		
149		ELEC-3.8.29	Supply and transportation of ..... LED High Bay Luminaire with high power COB LED made of pressure diecast aluminum housing with powder coated, supply input voltage 120 - 270 V AC, P.F > 0.90, high power LEDs, having system efficacy >=120 lumens/watt and junction temperature < 70°C, with ingress protection IP66, IK05, Driver surge protection 4KV, in-house additional surge protection ≥ 5KV with wide/narrow beam optics, THD<10% at 110 Volts AC, driver efficiency >90%, , CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category I.		
	MAT-03400	a	60W	1 No	5007
	MAT-03401	b	90W	1 No	6480
	MAT-03402	c	120W	1 No	7364
	MAT-03403	d	150W	1 No	8542

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
150		ELEC-3.8.30	Supply and transportation of ..... LED High Bay Luminaire with high power COB LED made of pressure diecast aluminum housing with powder coated, supply input voltage 120 - 270 V AC, P.F > 0.90, high power LEDs, having system efficacy >=100 lumens/watt and junction temperature < 70°C, with ingress protection IP66, IK05, Driver surge protection 4KV, in-house additional surge protection ≥ 5KV with wide/narrow beam optics, THD<10% at 110 Volts AC, driver efficiency >90%, , CCT: 3000K - 5700K, minimum CRI>70, etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands as category II.		
	MAT-03404	a	60W	1 No	4713
	MAT-03405	b	90W	1 No	5773
	MAT-03406	c	120W	1 No	6775
	MAT-03407	d	150W	1 No	7953
151		ELEC-3.8.31	Supply and transportation of ..... LED Linear Wall washer of size ..... mm with high power LEDs, made of pressure diecast aluminum housing with powder coated, supply Input voltage 120 - 270 V AC, leads to 24 V DC output voltage drives with beam angle of 15/25/45/60, P.F > 0.90, having system efficacy >=120 lumens/wat and junction temperature < 70°C, with ingress protection IP66, IK05, with multi colour (Red or Yellow or Green or blue or White) etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands.		
	MAT-05492	a	18 W, 1000 X 38 X 58 mm	1 No	8043
	MAT-05493	b	24 W, 1000 X 38 X 58 mm	1 No	8470
	MAT-05494	c	36 W, 1000 X 38 X 86 mm	1 No	9839
	MAT-05495	d	48 W, 1000 X 60 X 100 mm	1 No	11893
			RGB/RGBW LED Lighting		
152		ELEC-3.8.32	Supply and transportation of ……..IP-66, RGBW LED Flood light Luminaries made of pressure die cast aluminum housing with powder		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			coated, having protective toughened glass, with a system efficacy of >=120 lumens/watt, supply input voltage 120 - 270 V AC, leads to 24 V DC output voltage drives RGB LEDs with light angle 60°, surge protection 6KV and junction temperature < 70°C, CRI>70, P.F>0.9, suitable for RGB DMX 512 controller etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands.		
	MAT-05496	a	90W	1 No	23460
	MAT-05497	b	120W	1 No	26680
153		ELEC-3.8.33	Supply and transportation of ..... RGB LED Linear Wall washer of Size ..... mm with high power LEDs, made of pressure diecast aluminum housing with powder coated, supply input voltage 120 - 270 V AC, leads to 24 V DC output voltage drives, with beam angle of 15/25/45/60, P.F > 0.90, having system efficacy >=100 lumens/watt and junction temperature < 70°C, with ingress protection IP66, IK05, suitable for RGB DMX 512 controller etc., complete with earth connection and not less than two years warranty. Makes: As per list of recommended brands.		
	MAT-05498	a	18 W, 1000 X 38 X 58 mm	1 No	10304
	MAT-05499	b	24 W, 1000 X 38 X 58 mm	1 No	10856
	MAT-05500	c	36 W, 1000 X 38 X 58 mm	1 No	12144
	MAT-05501	d	48 W, 1000 X 60 X 100 mm	1 No	15364
154	MAT-05502	ELEC-3.8.34	Supply, transportation and installation of stand-alone USB -DMX controller to control a wide variety of different DMX systems from RGB/RGBW, including 1024 DMX channels, input power 5-5.5 V DC 0.6 A with programmability on PC, MAC, tablet, smart phone with micro SD card etc complete Makes: As per list of recommended brands.	1 No	78000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
155	MAT-05503	ELEC-3.8.35	Supply, Transportation and Installation of DMX splitter/booster in the existing junction box with necessary connections. Makes: As per list of recommended brands.	1 No	16000
156	MAT-05504	ELEC-3.8.36	Supply, Transportation and Installation of DMX-DC-5A, decoder in the existing junction box with necessary connections. Makes: As per list of recommended brands.	1 No	5200
157	MAT-05505	ELEC-3.8.37	Supply, Transportation and Installation of DC 24V input DMX Data Repeater in the existing junction box with necessary connections. Makes: As per list of recommended brands.	1 No	3900
158	MAT-05506	ELEC-3.8.38	Supply, Transportation and Installation of 350W, non-waterproof, DC 24V, Constant Voltage Power Supply (driver) unit in the existing junction box with necessary connections. Makes: As per list of recommended brands.	1 No	4900
159	MAT-05507	ELEC-3.8.39	Supply, Transportation and Installation of 350W, non-water proof, DC 12V,1.25 A Constant Voltage Power Supply (driver) Unit in the existing junction box with necessary connections. Makes: As per list of recommended brands.	1 No	3200
			LED DRIVERS		
160		ELEC-3.8.40	Supply and transportation of LED Driver as per IS 15885 (Part 2 / Sec 13)..2012 with input line voltage 120V-270V AC, 50Hz with surge protection more than 2.5 KV, IP20, suitable for …….. LED indoor luminaire, with 2 Years Warranty. Makes: As per list of recommended brands.		
	MAT-03408	a	6/9 W	1 No	259
	MAT-03409	b	12/15/18/20 W	1 No	374
	MAT-03410	c	36 W	1 No	700
	MAT-03411	d	40/45 W	1 No	800

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
161		ELEC-3.8.41	Supply and transportation of LED Driver as per IS 15885 (Part 2 / Sec 13)..2012 with input line voltage 120V-270V AC, 50Hz with surge protection of 4.0 KV, IP20, suitable for …….. LED street light fitting with 2 Years Warranty. Makes: As per list of recommended brands.		
	MAT-03412	a	15-30 W	1 No	403
	MAT-03413	b	45-90 W	1 No	920
	MAT-03414	c	120-180 W	1 No	1610
		ELEC-3.8.41	Supply and transportation of Surge Protection Device (SPD) conforming to IEC 61643-11 / IS/IEC 61643-11, suitable for 230 V AC, 50 Hz LED luminaires of any approved make, complete with all accessories, with a minimum warranty of 2 years.		
		a	10KV	1 No	200
		b	20KV	1 No	200
			SECTION - 4		
		4.1	**U.G. CABLES**		
162		ELEC-4.1.1	Supply and transportation of following XLPE insulated,1100V grade armoured aluminum cable as per specification confirming to IS:7098 (Part – I). Makes: As per list of recommended brands as category I.		
	MAT-03415	a	4 Sq mm X 2 core	1 RM	99
	MAT-03416	b	6 Sq mm X 2 core	1 RM	121
	MAT-03417	c	10 Sq mm X 2 core	1 RM	146
	MAT-03418	d	6 Sq mm X 4 core	1 RM	161
	MAT-03419	e	10Sq mm X 4 core	1 RM	189

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03420	f	16 Sq mm X 4 core	1 RM	222
	MAT-03421	g	25 Sq mm X 3.5 core	1 RM	272
	MAT-03422	h	35Sq mm X 3.5 core	1 RM	337
	MAT-03423	i	50 Sq mm X 3.5 core	1 RM	446
	MAT-03424	j	70 Sq mm X 3.5 core	1 RM	600
	MAT-03425	k	95 Sq mm X 3.5 core	1 RM	748
	MAT-03426	l	120 Sq mm X 3.5 core	1 RM	931
	MAT-03427	m	150 Sq mm X 3.5 core	1 RM	1084
	MAT-03428	n	185 Sq mmX 3.5 core	1 RM	1372
	MAT-03429	o	240 Sq mm X 3.5 core	1 RM	1746
	MAT-03430	p	300Sq mm X 3.5 core	1 RM	2124
	MAT-03431	q	400Sq mm X 3.5 core	1 RM	2734
163		ELEC - 4.1.2	Supply and transportation of following XLPE insulated, 1100V grade armoured aluminum cable as per specification confirming to IS:7098 (Part - I). Makes: As per list of recommended brands as category II.		
	MAT-03432	a	4 Sq mm X 2 core	1 RM	94
	MAT-03433	b	6 Sq mm X 2 core	1 RM	106
	MAT-03434	c	10 Sq mm X 2 core	1 RM	129
	MAT-	d	6 Sq mm X 4 core	1 RM	135

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03435				
	MAT-03436	e	10Sq mm X 4 core	1 RM	147
	MAT-03437	f	16 Sq mm X 4 core	1 RM	165
	MAT-03438	g	25 Sq mm X 3.5 core	1 RM	210
	MAT-03439	h	35Sq mm X 3.5 core	1 RM	275
	MAT-03440	i	50 Sq mm X 3.5 core	1 RM	364
	MAT-03441	j	70 Sq mm X 3.5 core	1 RM	469
	MAT-03442	k	95 Sq mm X 3.5 core	1 RM	613
	MAT-03443	l	120 Sq mm X 3.5 core	1 RM	752
	MAT-03444	m	150 Sq mm X 3.5 core	1 RM	864
	MAT-03445	n	185 Sq mm X 3.5 core	1 RM	1034
	MAT-03446	o	240 Sq mm X 3.5 core	1 RM	1308
	MAT-03447	p	300Sq mm X 3.5 core	1 RM	1583
	MAT-03448	q	400Sq mm X 3.5 core	1 RM	2054
			33 KV HT XLPE CABLES		
164		ELEC-4.1.3	Supply and Transportation of XLPE insulated IS:7098/II/85 H.T. cable for working voltage **33 KV** Earthed with Stranded Compacted Circular Aluminum Conductor Screened with Extruded Semi-conducting compound, XLPE Insulated Screened with extruded semi-conducting compound in combination with Copper Tape, cores laid up, inner sheath of Thermoplastic tape, galvanized flat steel strip armoured and overall Extruded PVC Type ST- 2 Outer Sheathed cable etc., complete. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03449	a	3C X 95 Sq mm	1 RM	2277
	MAT-03450	b	3C X 120 Sq mm	1 RM	2499
	MAT-03451	c	3C X 150 Sq mm	1 RM	2760
	MAT-03452	d	3C X 185 Sq mm	1 RM	3058
	MAT-03453	e	3C X 240 Sq mm	1 RM	3485
	MAT-03454	f	3C X 300 Sq mm	1 RM	3936
	MAT-03455	g	3C X 400 Sq mm	1 RM	4578
			11 KV HT XLPE CABLES		
165		ELEC-4.1.4	Supply and Transportation of XLPE insulated IS:7098/II/85 H.T. cable for working voltage **11 KV** Earthed with Stranded Compacted Circular Aluminium Conductor Screened with Extruded Semi-conducting compound, XLPE Insulated Screened with extruded semi-conducting compound in combination with Copper Tape, cores laid up, inner sheath of Thermoplastic tape, galvanized flat steel strip armoured and overall Extruded PVC Type ST- 2 Outer Sheathed cable etc., complete. Makes: As per list of recommended brands.		
	MAT-03456	a	3C X 35 Sq mm	1 RM	754
	MAT-03457	b	3C X 50 Sq mm	1 RM	865
	MAT-03458	c	3C X 70 Sq mm	1 RM	1029
	MAT-03459	d	3C X 95 Sq mm	1 RM	1231
	MAT-03460	e	3C X 120 Sq mm	1 RM	1420
	MAT-03461	f	3C X 150 Sq mm	1 RM	1592
	MAT-	g	3C X 185 Sq mm	1 RM	1860

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03462				
	MAT-03463	h	3C X 240 Sq mm	1 RM	2239
	MAT-03464	i	3C X 300 Sq mm	1 RM	2654
	MAT-03465	j	3C X 400 Sq mm	1 RM	3242
			Unarmoured and Armoured Copper Control Cables		
166		ELEC-4.1.5	Supply and Transportation of XLPE/PVC insulated & PVC sheathed unarmoured control cables of 1.1 KV grade with copper conductor as per IS 7098 Part-I:1988 for XLPE insulated / IS 1554 Part 1:1988 for PVC insulated. Makes: As per list of recommended brands.		
	MAT-03466	a	2C x 1.5 sq.mm	1 RM	135
	MAT-03467	b	3C x 1.5 sq.mm	1 RM	141
	MAT-03468	c	4C x 1.5 sq.mm	1 RM	166
	MAT-03469	d	5C x 1.5 sq.mm	1 RM	171
	MAT-03470	e	6C x 1.5 sq.mm	1 RM	194
	MAT-03471	f	8C x 1.5 sq.mm	1 RM	224
	MAT-03472	g	10C x 1.5 sq.mm	1 RM	283
	MAT-03473	h	12C x 1.5 sq.mm	1 RM	314
	MAT-03474	i	14C x 1.5 sq.mm	1 RM	350
	MAT-03475	j	19C x 1.5 sq.mm	1 RM	439
	MAT-	k	2C x 2.5 sq.mm	1 RM	150

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03476				
	MAT-03477	l	3C x 2.5 sq.mm	1 RM	171
	MAT-03478	m	4C x 2.5 sq.mm	1 RM	200
	MAT-03479	n	5C x 2.5 sq.mm	1 RM	224
	MAT-03480	o	6C x 2.5 sq.mm	1 RM	314
	MAT-03481	p	8C x 2.5 sq.mm	1 RM	374
	MAT-03482	q	10C x 2.5 sq.mm	1 RM	432
	MAT-03483	r	12C x 2.5 sq.mm	1 RM	484
	MAT-03484	s	14C x 2.5 sq.mm	1 RM	544
	MAT-03485	t	19C x 2.5 sq.mm	1 RM	633
167		ELEC-4.1.5 A	Supply and Transportation of stranded/solid copper conductor XLPE/PVC insulated & PVC sheathed, unarmoured and Overall Shielded instrumentation/control cables of 1.1 KV grade with copper conductor as per IS 7098 Part-I:1988 for XLPE insulated / IS 1554 Part 1:1988 for PVC insulated. Makes: As per list of recommended brands.		
		a	2 Core, 1.5 Sq.mm	1 RM	70
		b	4 Core, 1.0 Sq.mm	1 RM	118
168		ELEC-4.1.5 B	Supply, Laying, Termination of ISI Certified (for Signal & Field devices, Third Party Integration etc....) ATSC, PVC insulated, armored, Tinned Copper, twisted, shielded, PE insulated, Cable with proper ferrules, lugs, and other necessary accessories. The spec shall meet the system manufacturer specifications including all charges complete etc., as directed by Engineer in Charge/ departmental authorities. Makes: As per list of recommended brands.		
		a	2 Core 1.5 sq.mm	1 RM	65

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		b	4 Core 1.5 sq.mm	1 RM	94
169		ELEC-4.1.5 C	Supply of Shielded unarmoured Cable, as per the survey done, Rate shall include required accessories, tools and tackles, transportation, material, and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.		
		a	2 Core .75 Sq mm	1 RM	94
		b	4 Core .75 Sq mm	1 RM	126
		c	8 Core .75 Sq mm	1 RM	176
170		ELEC-4.1.6	Supply and Transportation of XLPE/PVC insulated & PVC sheathed armoured cables of 1.1 KV grade with copper conductor as per IS 7098 Part-I:1988 for XLPE insulated / IS 1554 Part 1:1988 for PVC insulated. Makes: As per list of recommended brands.		
	MAT-03486	a	2Cx1.5 sq.mm	1 RM	141
	MAT-03487	b	2Cx2.5 sq.mm	1 RM	150
	MAT-03488	c	2C x 4 sq.mm	1 RM	187
	MAT-03489	d	2C x 6 sq.mm	1 RM	268
	MAT-03490	e	2C x 10 sq.mm	1 RM	374
	MAT-03491	f	2C x 16 sq.mm	1 RM	515
	MAT-03492	g	3C x 4 sq.mm	1 RM	236
	MAT-03493	h	3C x 6 sq.mm	1 RM	314
	MAT-03494	i	3C x 10 sq.mm	1 RM	391
	MAT-03495	j	3C x 16 sq.mm	1 RM	547
	MAT-03496	k	4C x 4 sq.mm	1 RM	328

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03497	l	4C x 6 sq.mm	1 RM	469
	MAT-03498	m	4C x 10 sq.mm	1 RM	704
	MAT-03499	n	4C x 16 sq.mm	1 RM	1171
	MAT-03500	o	4C x 25 sq.mm	1 RM	1877
	MAT-03501	p	4C x 35 sq.mm	1 RM	2504
	MAT-03502	q	4C x 50 sq.mm	1 RM	3597
	MAT-03503	r	4C x 70 sq.mm	1 RM	5475
			CABLE TERMINATIONS AND ACCESSORIES		
171		ELEC-4.1.7	Supply and Making heat shrinkable type indoor/ outdoor/straight through terminations/joint kit of approved make suitable for XLPE insulated 33 KV cable, with required components, preparation of cable ends, testing etc. as required of following sizes. Makes: As per list of recommended brands.		
			INDOOR		
	MAT-03504	a	3 Core 95/120/150/185 sq mm	Set	14611
	MAT-03505	b	3 core 240/300/400 Sq mm	Set	20328
			OUTDOOR		
	MAT-03506	c	3 Core 95/120/150/185 sq mm	Set	20328
	MAT-03507	d	3 core 240/300/400 Sq mm	Set	28587
			STRAIGHT THROUGH		
	MAT-03508	e	3 Core 95/120/150/185 sq mm	Set	41292
	MAT-	f	3 core 240/300/400 Sq mm	Set	60349

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03509				
172		ELEC-4.1.8	Supply and Making heat shrinkable type indoor /outdoor/straight through terminations/ joint kit of approved make suitable for XLPE insulated 11 KV cable, with required components, preparation of cable ends, testing etc. as required of following sizes. Makes: As per list of recommended brands.		
			INDOOR		
	MAT-03510	a	3 core 35/50 Sq mm	Set	6353.00
	MAT-03511	b	3 core 70/95 Sq mm	Set	9529.00
	MAT-03512	c	3 core120/150/185 Sq mm	Set	10800.00
	MAT-03513	d	3 core 240/300 Sq mm	Set	11308.00
	MAT-03514	e	3 core 400/500 Sq mm	Set	11943.00
			OUTDOOR		
	MAT-03515	f	3 core 35/50 Sq mm	Set	10800
	MAT-03516	g	3 core 70/95 Sq mm	Set	13341
	MAT-03517	h	3 core 120/150/185 Sq mm	Set	14611
	MAT-03518	i	3 core 240/300 Sq mm	Set	15882
	MAT-03519	j	3 core400/500 Sq mm	Set	17787
			STRAIGHT THROUGH		
	MAT-03520	k	3 core 35/50 Sq mm	Set	17152
	MAT-03521	l	3 core 70/95 Sq mm	Set	20328
	MAT-	m	3 core 120/150/185 Sq mm	Set	23505

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03522				
	MAT-03523	n	3 core 240/300 Sq mm	Set	25410
173		ELEC-4.1.9	Supply & Making heat shrinkable outdoor straight through joint for following size of PVC/ XLPE insulated aluminum conductor cable of 1.1 KV grade including cost of compound, sleeves etc. as required. Makes: As per list of recommended brands.		
	MAT-03524	a	3.5core x 25/35/50 sq.mm	Set	1906
	MAT-03525	b	3.5 core x 70/95/120 sq.mm	Set	3049
	MAT-03526	c	3.5 core x 150/185/240 sq.mm	Set	4447
	MAT-03527	d	3.5 core x 300/400 sq.mm	Set	6988
	MAT-03528	e	4 core x 6/10/16 sq.mm	Set	1016
174		ELEC-4.1.10	Supply and making one end termination with heavy duty double compression brass gland as per BS 6121:2005, IP 66 complete, SIBG type, heavy duty Aluminum lugs duly crimped with crimping tool, PVC tape etc., for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminum conductor cable of 1100 volt grade as required of size. Makes: As per list of recommended brands.		
	MAT-03529	a	3.5 core x 25 sq.mm	Set	328
	MAT-03530	b	3.5 core x 35 sq.mm	Set	436
	MAT-03531	c	3.5 core x 50 sq.mm	Set	509
	MAT-03532	d	3.5 core x 70 sq.mm	Set	755
	MAT-03533	e	3.5 core x 95 sq.mm	Set	865
	MAT-03534	f	3.5 core x 120 sq.mm	Set	1090
	MAT-	g	3.5 core x 150 sq.mm	Set	1307

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03535				
	MAT-03536	h	3.5 core x 185 sq.mm	Set	1452
	MAT-03537	i	3.5 core x 240sq.mm	Set	2178
	MAT-03538	j	3.5 core x 300 sq.mm	Set	2614
	MAT-03539	k	3.5 core x 400 sq.mm	Set	3485
	MAT-03540	l	4 core x 6/10/16 sq.mm	Set	334
175		ELEC-4.1.11	Supply and making **one end termination** with heavy duty single compression brass gland as per BS 6121:2005 ,IP 66 complete, SIBG type, heavy duty Aluminum lugs duly crimped with crimping tool, PVC tape etc., for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminum conductor cable of 1100 volt grade as required of size. Makes: As per list of recommended brands.		
	MAT-03541	a	2 core X 4/6/10 Sq mm	Set	95
	MAT-03542	b	4 core X 6/10/16 Sq mm	Set	124
	MAT-03543	c	3.5 core X 25 Sq mm	Set	145
	MAT-03544	d	3.5 core X 35Sq mm	Set	218
	MAT-03545	e	3.5 core X 50 Sq mm	Set	233
	MAT-03546	f	3.5 core X 70 Sq mm	Set	254
	MAT-03547	g	3.5 core X 95 Sq mm	Set	305
	MAT-03548	h	3.5 core X 120 Sq mm	Set	364
	MAT-03549	i	3.5 coreX150 Sq mm	Set	654

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03550	j	3.5 coreX185 Sq mm	Set	799
	MAT-03551	k	3.5 coreX240 Sq mm	Set	944
	MAT-03552	l	3.5 coreX300Sq mm	Set	1307
	MAT-03553	m	3.5 coreX400Sq mm	Set	1742
176		ELEC-4.1.12	Supply and making **end termination** with heavy copper lugs (pin/ ring type) as per IS specification, duly crimped with crimping tool, PVC tape etc., of following size Makes: As per list of recommended brands.		
	MAT-03554	a	up to 16 Sq mm	each	30
	MAT-03555	b	25 Sq mm	each	41
	MAT-03556	c	35Sq mm	each	47
	MAT-03557	d	50 Sq mm	each	68
	MAT-03558	e	70 Sq mm	each	103
	MAT-03559	f	95 Sq mm	each	133
177		ELEC-4.1.13	Supply and making end termination with heavy Aluminum lugs (pin/ ring type) as per IS specification duly crimped with crimping tool, PVC tape etc., of following size: Makes: As per list of recommended brands.		
	MAT-03560	a	up to 16 Sq mm	each	14
	MAT-03561	b	25 Sq mm	each	23
	MAT-03562	c	35Sq mm	each	29
	MAT-03563	d	50 Sq mm	each	37

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03564	e	70 Sq mm	each	43
	MAT-03565	f	95 Sq mm	each	52
	MAT-03566	g	120 Sq mm	each	58
	MAT-03567	h	150 Sq mm	each	66
	MAT-03568	i	185 Sq mm	each	80
	MAT-03569	j	240 Sq mm	each	116
	MAT-03570	k	300 Sq mm	each	145
	MAT-03571	l	400 Sq mm	each	247
		4.2	**CABLE TRAYS**		
178		ELEC-4.2.1	Supply, transportation & installation of following sizes of Hot Dipped Galvanized Iron **perforated cable trays** without cover, including horizontal and vertical bends, reducers tees, cross members and other accessories as required and duly suspended from the ceiling/Wall with suspenders etc., complete. (NB: Add 30% Extra for perforated cable tray with cover)		
	MAT-03572	a	100mm x 50mm x 1.6mm	1 RM	429
	MAT-03573	b	150mm x 50mm x 1.6mm	1 RM	498
	MAT-03574	c	300mm x 50mm x 1.6mm	1 RM	879
	MAT-03575	d	450mm x 50mm x 2.0mm	1 RM	1274
	MAT-03576	e	600mm x 50mm x 2.0mm	1 RM	1459
	MAT-03577	f	300mm x 62.5mm x 2.0mm	1 RM	1054

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03578	g	450mm x 62.5mm x 2.0mm	1 RM	1414
	MAT-03579	h	600mm x 62.5mm x 2.0mm	1 RM	1751
	MAT-03580	i	750mm x 62.5mm x 2.0mm	1 RM	2072
	MAT-03581	j	900mm x 62.5mm x 2.0mm	1 RM	2460
	MAT-03582	k	600mm x 75mm x 2.0mm	1 RM	1956
	MAT-03583	l	750mm x 75mm x 2.0mm	1 RM	2153
	MAT-03584	m	900mm x 75mm x 2.0mm	1 RM	2532
179		ELEC-4.2.2	Supply, transportation & installation of following sizes of Hot Dipped Galvanized Iron **ladder type cable trays** with rungs at span of 250 mm including horizontal and vertical bends, reducers tees, cross members and other accessories as required and duly suspended from the ceiling/wall with suspenders and etc., complete		
	MAT-03585	a	150mm x 50mm x 2.0mm	1 RM	601
	MAT-03586	b	300mm x 50mm x 2.0mm	1 RM	755
	MAT-03587	c	450mm x 50mm x 2.0mm	1 RM	996
	MAT-03588	d	600mm x 75mm x 2.0mm	1 RM	1230
	MAT-03589	e	750mm x 75mm x 2.0mm	1 RM	1304
	MAT-03590	f	900mm x 75mm x 2.0mm	1 RM	1384
		4.3	**DOUBLE WALLED CORRUGATED HDPE PIPE**		
180		ELEC-4.3.1	Supply and Transportation of ……..…. double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03591	a	Outer dia 50mm and Inner dia 38mm	1 RM	120
	MAT-03592	b	Outer dia 63mm and Inner dia 51mm	1 RM	154
	MAT-03593	c	Outer dia 78mm and Inner dia 63mm	1 RM	186
	MAT-03594	d	Outer dia 90mm and Inner dia 76mm	1 RM	200
	MAT-03595	e	Outer dia 120mm and Inner dia 103.5mm	1 RM	314
	MAT-03596	f	Outer dia 160 mm and Inner dia 136 mm	1 RM	466
	MAT-03597	g	Outer dia 180 mm and Inner dia 152 mm	1 RM	613
	MAT-03598	h	Outer dia 200 mm and Inner dia 170 mm	1 RM	726
			SECTION - 5		
		5.1	**FANS**		
181	MAT-05508	ELEC-5.1.1	Supply of 48" (1200mm) Sweep 5 star rated BLDC (Brush less Direct Current) Ceiling Fan with double ball bearings, input voltage 230V AC converted to 24 V DC, power input not more than 30W, air delivery not less than 220 cubic meter/min and a minimum service value of 7.0, with remote and without Regulator. Makes: As per list of recommended brands.	1 No	3102
182	MAT-05509	ELEC-5.1.2	Supply of 56" (1400mm) Sweep 5 star rated BLDC (Brush less Direct Current) Ceiling Fan with double ball bearings, input voltage 230V AC converted to 24 V DC, power input not more than 32W, air delivery not less than 240 cubic meter/min and a minimum service value of 7.0, with remote and without Regulator. Makes: As per list of recommended brands.	1 No	3619

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
183	MAT-03599	ELEC-5.1.3	Supply of 48" (1200mm) Sweep star rated Ceiling Fan, with double ball bearings, air delivery more than 200 cubic meter/min, but without Regulator. Makes: As per list of recommended brands.	1 No	2405
184	MAT-03600	ELEC-5.1.4	Supply of 48" (1200mm) Sweep decorative Ceiling Fan, with double ball bearings with all accessories without Regulator. Makes: As per list of recommended brands.	1 No	2904
185	MAT-03602	ELEC-5.1.5	Supply of 56" (1400mm) Sweep Ceiling Fan, with double ball bearings, but without Regulator. Makes: As per list of recommended brands.	1 No	2887
186	MAT-03603	ELEC-5.1.6	Supply of 16" (400mm) Wall mounted Fan. Makes: As per list of recommended brands.	1 No	2766
187	MAT-03604	ELEC-5.1.7	Supply of 16" (400mm) Pedestal Fan. Makes: As per list of recommended brands.	1 No	3068
188	MAT-03605	ELEC-5.1.8	Supply of 18" (450mm) Wall mounting / Pedestal Air Circulators. Makes: As per list of recommended brands.	1 No	6950
189	MAT-03606	ELEC-5.1.9	Supply of 24" (600mm) Wall mounting / Pedestal Air Circulators. Makes: As per list of recommended brands.	1 No	8366
190	MAT-03607	ELEC-5.1.10	Supply of 12" (300mm) Cabin fan. Makes: As per list of recommended brands.	1 No	2044
191	MAT-03608	ELEC-5.1.11	Supply of 12" (300mm) Light duty exhaust fan with metallic blades and wire guard etc complete. Makes: As per list of recommended brands.	1 No	1744
192	MAT-03609	ELEC-5.1.12	Supply of 9" (225mm), Light duty exhaust fan with double ball bearing and wire guard etc complete. Makes: As per list of recommended brands.	1 No	1552
193	MAT-03610	ELEC-5.1.13	Supply of 12" (300mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with mark. Makes: As per list of recommended brands.	1 No	3308
194	MAT-03611	ELEC-5.1.14	Supply of 15" (375mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with ISI Mark. Makes: As per list of recommended brands.	1 No	3849

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
195	MAT-03612	ELEC-5.1.15	Supply of 18" (450mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with ISI Mark. Makes: As per list of recommended brands.	1 No	4931
196		ELEC-5.1.16	Supply of 6" (150mm), Light duty exhaust fan with double ball bearing and wire guard etc complete. Makes: As per list of recommended brands.	1 No	1207
197		ELEC-5.1.17	Supply of 8" (200mm), Light duty exhaust fan with double ball bearing and wire guard etc complete. Makes: As per list of recommended brands.	1 No	1340
198		ELEC-5.1.18	Supply of 48" (1200mm) Sweep 5 star rated BLDC (Brush less Direct Current) Ceiling Fan with double ball bearings, input voltage 230V AC converted to 24 V DC, power input not more than 30W, air delivery not less than 220 cubic meter/min and a minimum service value of 7.0, without Remote and without regulator. Makes: As per list of recommended brands.	1 No	3050
		5.2	**WATER HEATERS (Conventional & Solar)**		
199		ELEC-5.2.1	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with Glass/SS tank and ABS plastic body of ..... capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on outlet side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes: As per list of recommended brands.		
	MAT-03613	a	15 Ltrs	1 No	11600
	MAT-03614	b	25 Ltrs	1 No	13800
200		ELEC-5.2.2	Supply, Transportation, erection and Commissioning of MNRE approved and confirming to IS 12933 P-1,2,3&5..... Tube Collector type Solar Water heating System with temperature application of 60 degrees with Stain less steel - 304L grade inner tank with PUF Insulation and Aluminum Cladding for Outer Cover, suitable EPDM rubber pipe connection from Collector to Solar Tank with electrical Heating back up etc., with 3 years Guarantee for Solar system and additional 2 years warranty. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03615	a	250 LPD	1 No	55660
	MAT-03616	b	375LPD	1 No	77050
	MAT-03617	c	500 LPD	1 No	87400
	MAT-03618	d	1000 LPD	1 No	170200
201		ELEC-5.2.3	Supply, Transportation, erection and Commissioning of MNRE approved and confirming to IS 12933 P-1,2,3&5..... **Flate plate Collector** type Solar Water heating System with temperature application of 60 degrees with Stain less steel - 304L grade inner tank with PUF Insulation and Aluminum Cladding for Outer Cover, suitable EPDM rubber pipe connection from Collector to Solar Tank with electrical Heating back up etc., with 3 years Guarantee for Solar system and additional 2 years warranty. Makes: As per list of recommended brands.		
	MAT-03619	a	250 LPD	1 No	59800
	MAT-03620	b	375 LPD	1 No	82800
	MAT-03621	c	500 LPD	1 No	96025
	MAT-03622	d	1000 LPD	1 No	189750
			HEAT PUMP		
202		ELEC-5.2.4	Supply, Transportation and fixing of Energy Efficient Heat pump(Hybrid) water heater of Mono block storage / type Vertical / 230/250V single phase 50 Hz rated water heater with SS tank coated with Enamel and stain less body with IP X 4 water proof grade of ..... capacity Mono Block unit to withstand up to 0.8 - 1.0 MPa bar of water pressure including 2 Kw Heating element and Auto Defrosting and with 50 MM puf insulation with all standard accessories and dead weight pressure reducing valve on out let side, including cost of CPVC Piping / Metallic hose pipe, testing and all labour charges etc., complete. Makes: As per list of recommended brands.		
	MAT-03623	a	200 Ltr	1 No	125580

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03624	b	300 Ltr	1 No	159390
203		ELEC-5.2.5	Supply, Transportation and fixing of Energy Efficient Heat pump(Hybrid) water heater of split type storage / type Vertical / 230/250V single phase 50 Hz rated water heater with SS tank coated with Enamel and preprinted steel body with IP X 4 water proof grade of .....capacity Mono Block unit to withstand up to 0.8 - 1.0 MPa bar of water pressure including 2 Kw Heating element and Auto Defrosting and with 50 MM Puf insulation with all standard accessories and dead weight pressure reducing valve on out let side, including cost of CPVC Piping / Metallic hose pipe, testing and all labour charges etc., complete. Makes: As per list of recommended brands.		
	MAT-03625	a	400 Ltr	1 No	154675
	MAT-03626	b	500 Ltr	1 No	189336
		5.3	**ACCESSORIES FOR WATER HEATERS**		
204		ELEC-5.3.1	Supply and fixing of stem type ISI marked (IS 3017 / 85) snap action adjustable thermostat storage water heater including making connection testing etc. as required.		
	MAT-03627	a	11" stem thermostat	1 No	230
	MAT-03628	b	7" stem thermostat	1 No	206
205	MAT-03629	ELEC-5.3.2	Supply and fixing of stem type, ISI marked, push to reset type auto thermal cut off and rated at 20 A 250 V including testing etc. as required.	1 No	273
206		ELEC-5.3.3	Supply and fixing of ISI marked (IS:4159) marked copper sheathed, nickel plated, mineral filled heating element including making connection testing etc as required		
	MAT-03630	a	3.0 KW	1 No	787
	MAT-03631	b	2.0 KW	1 No	750
207		ELEC-5.3.4	Supply and fixing of twin ceramic cartridge, shock and hard waterproof heating element including making connection testing etc as required		
	MAT-	a	3.0 KW	1 No	908

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03632				
	MAT-03633	b	2.0 KW	1 No	787
208		ELEC-5.3.5	Supply and fixing of base plate assembly with neoprene rubber gasket, inlet socket with inbuilt NRV/ PRV and drain out system and outlet socket pipe, fusible plug assembly, mounting hardware complete etc. as required.		
	MAT-03634	a	15 Ltr. To 50 Ltr. Capacity SWH	1 No	1694
209	MAT-03635	ELEC-5.3.5	Supply and fixing of heavy duty C.P. connection for storage water heater for inlet and outlet of length 300-600 mm including the cost of nuts, washers etc as required.	1 set	303
210	MAT-03636	ELEC-5.3.6	Charges for brass welding of inner copper tank for storage water heater including opening, refixing, testing etc. as required	job	484
211	MAT-03637	ELEC-5.3.7	Charges for descaling of storage water heater including required chemical, opening, refixing, testing as complete	job	363
212	MAT-03638	ELEC-5.3.8	Charges for Fixing of storage water heater including four nos. rag bolts of suitable size, supply & making heavy gauge inlet, outlet C.P. connection, testing, carrying from store to site, etc. as required	job	787
		5.4	**PUMPSETS**		
			SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS		
213		ELEC-5.4.1	Supply and Transportation of ……., 4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with waterproof winding, pump shall be suitable for various delivery head and discharge with stainless steel shaft motor suitable for working on 240V ± 10%, single phase 50 Hz AC supply, etc complete for 4" Bore well. Makes: As per list of recommended brands as category I.		
	MAT-03639	a	0.75HP 8 Stage	1 No	20717
	MAT-03640	b	1.00HP 10 Stage	1 No	23718

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03641	c	1.00HP 15 Stage	1 No	24451
	MAT-03642	d	1.50HP 21 Stage	1 No	29648
	MAT-03643	e	2.00HP 25 Stage	1 No	35577
214		ELEC-5.4.2	Supply and Transportation of ……..,4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with water proof winding, pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 240V ± 10% , Single Phase 50 Hz AC supply, etc complete for 4" Bore well. Makes: As per list of recommended brands as category II.		
	MAT-03644	a	0.75HP 8 Stage	1 No	18594
	MAT-03645	b	1.00HP 10 Stage	1 No	21230
	MAT-03646	c	1.00HP 15 Stage	1 No	21962
	MAT-03647	d	1.50HP 21 Stage	1 No	26646
	MAT-03648	e	2.00HP 25 Stage	1 No	31991
			THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.		
215		ELEC-5.4.3	Supply and Transportation of ……..,4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with water proof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V ± 10% , Three Phase 50 Hz AC supply, etc complete for 4" Bore well. Makes: As per list of recommended brands as category I.		
	MAT-03649	a	3.00HP 15Stage	1 No	28843
	MAT-03650	b	4.00HP 20Stage	1 No	33674

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03651	c	5.00HP 25Stage	1 No	39823
216		ELEC-5.4.4	Supply and Transportation of ……..,4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with water proof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V ± 10%, Three Phase 50 Hz AC supply, etc complete for 4" Bore well. Makes: As per list of recommended brands as category II.		
	MAT-03652	a	3.00HP 15Stage	1 No	27086
	MAT-03653	b	4.00HP 20Stage	1 No	31625
	MAT-03654	c	5.00HP 25Stage	1 No	37481
217		ELEC-5.4.5	Supply and Transportation of ……..,4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with waterproof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V ± 10%, Three Phase 50 Hz AC supply etc complete for 6" Bore well. Makes: As per list of recommended brands as category I.		
	MAT-03655	a	3.00HP 5-10 Stage	1 No	43923
	MAT-03656	b	5.00HP, 5-10Stage	1 No	49414
	MAT-03657	c	5.00HP, 12-16 Stage	1 No	56368
	MAT-03658	d	7.50HP, 5-10 Stage	1 No	55490
	MAT-03659	e	7.50HP, 12-16 Stage	1 No	61492
	MAT-03660	f	7.50HP, 20-24 Stage	1 No	62956
	MAT-03661	g	10HP, 5-10 Stage	1 No	65153
	MAT-03662	h	10HP, 12-16 Stage	1 No	67349

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03663	i	10HP, 20-24 Stage	1 No	76133
	MAT-03664	j	12.5HP, 8-12 Stage	1 No	67349
	MAT-03665	k	12.5HP, 16-24 Stage	1 No	79061
	MAT-03666	l	15HP, 8-12 Stage	1 No	84772
	MAT-03667	m	15HP, 16-24 Stage	1 No	87553
	MAT-03668	n	20HP 10-20 Stage	1 No	101756
	MAT-03669	o	20HP 30-40 Stage	1 No	106148
	MAT-05510	p	25HP 20-25 Stage	1 No	115664
218		ELEC-5.4.6	Supply and Transportation of ……..,4/5star rated submersible motor pumpset, confirming to IS 8034 and motor confirming to IS 9283 with water proof winding, Pump shall be suitable for various delivery head and discharge with stainless steel shaft. Motor suitable for working on 415V ± 10% , Three Phase 50 Hz AC supply, etc complete for 6" Bore well. Makes: As per list of recommended brands as category II.		
	MAT-03670	a	3.00HP 5-10 Stage	1 No	39531
	MAT-03671	b	5.00HP, 5-10Stage	1 No	44362
	MAT-03672	c	5.00HP, 12-16 Stage	1 No	50732
	MAT-03673	d	7.50HP, 5-10 Stage	1 No	49926
	MAT-03674	e	7.50HP, 12-16 Stage	1 No	55343
	MAT-03675	f	7.50HP, 20-24 Stage	1 No	56661
	MAT-03676	g	10HP, 5-10 Stage	1 No	58564

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03677	h	10HP, 12-16 Stage	1 No	60761
	MAT-03678	i	10HP, 20-24 Stage	1 No	68520
	MAT-03679	j	12.5HP, 8-12 Stage	1 No	60761
	MAT-03680	k	12.5HP, 16-24 Stage	1 No	71156
	MAT-03681	l	15HP, 8-12 Stage	1 No	76280
	MAT-03682	m	15HP, 16-24 Stage	1 No	78769
	MAT-03683	n	20HP 10-20 Stage	1 No	91507
	MAT-03684	o	20HP 30-40 Stage	1 No	95459
			SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS		
219		ELEC-5.4.7	Supply and Transportation of …….Single phase open well submersible motor pump set confirms to IS 14220 : 1994. Makes: As per list of recommended brands as category I.		
	MAT-03685	a	1.00HP	1 No	18038
	MAT-03686	b	1.50HP	1 No	20293
	MAT-03687	c	3.00HP	1 No	27700
220		ELEC-5.4.8	Supply and Transportation of …….Single phase open well ISI submersible motor pumpset confirms to IS 14220 : 1994. Makes: As per list of recommended brands as category II.		
	MAT-03688	a	1.00HP	1 No	16911
	MAT-03689	b	1.50HP	1 No	19326
	MAT-	c	3.00HP	1 No	26332

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03690				
			THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS		
221		ELEC-5.4.9	Supply and Transportation of …….. Three phase open well ISI submersible motor pumpset confirms to IS 14220: 1994. . Makes: As per list of recommended brands as category I.		
	MAT-03691	a	3.00HP (65x50)	1 No	27700
	MAT-03692	b	5.00HP (75x65)	1 No	34627
	MAT-03693	c	7.50HP (100x75)	1 No	41069
	MAT-03694	d	10.00HP (100x75)	1 No	52342
222		ELEC-5.4.10	Supply and Transportation of …….. Three phase open well ISI submersible motor pumpset confirms to IS 14220 : 1994. Makes: As per list of recommended brands as category II.		
	MAT-03695	a	3.00HP(65x50)	1 No	26574
	MAT-03696	b	5.00HP(75x65)	1 No	32533
	MAT-03697	c	7.50HP(100x75)	1 No	38652
	MAT-03698	d	10.00HP(100x75)	1 No	49926
			SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.		
223		ELEC-5.4.11	Supply and Transportation of ……. Single phase Mono block CI body motor pumpset confirms to IS 9079:2002 Makes: As per list of recommended brands as category I.		
	MAT-03699	a	0.5HP(25x25mm)	1 No	8053
	MAT-03700	b	1.0HP (25x25mm)	1 No	11516
	MAT-	c	1.5HP(32x25mm)	1 No	15462

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03701				
224		ELEC-5.4.12	Supply and Transportation of ……. Single phase Mono block CI body motor pumpset confirms to IS 9079:2002 Makes: As per list of recommended brands as category II.		
	MAT-03702	a	0.5HP(25x25mm)	1 No	7570
	MAT-03703	b	1.0HP (25x25mm)	1 No	10952
	MAT-03704	c	1.5HP(32x25mm)	1 No	14737
225		ELEC-5.4.13	Supply and Transportation of……. Three phase ISI self priming Mono block IP44 motor pumpset . Makes: As per list of recommended brands as category I.		
	MAT-03705	a	2.00HP(40x40mm)	1 No	22869
	MAT-03706	b	3.0HP (50x50mm)	1 No	30922
	MAT-03707	c	5.00HP(80x80mm)	1 No	37364
226		ELEC-5.4.14	Supply and Transportation of……. Three phase ISI self priming Mono block IP44 motor pumpset . Makes: As per list of recommended brands as category II.		
	MAT-03708	a	2.00HP(40x40mm)	1 No	21743
	MAT-03709	b	3.0HP (50x50mm)	1 No	29472
	MAT-03710	c	5.00HP(80x80mm)	1 No	35753
			CONTROL PANEL BOARD FOR MOTOR PUMPSETS		
227	MAT-03711	ELEC-5.4.15	Fabrication, transportation and supply of suitable size panel board for single phase submersible motor up to 1.5 HP consisting of relay, Contactor, starting and running capacitors, Voltmeter, Ammeter, indicator lamps, MCB, on/off switch including supply and fixing of DOL starter of complete., Makes: As per list of recommended brands.	1 No	6589

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
228	MAT-03712	ELEC-5.4.16	Fabrication, transportation and supply of suitable size panel board for single phase submersible motor 2 to 3HP consisting of relay, Contactor, starting and running capacitors, Voltmeter, Ammeter, indicator lamps, MCB, on/off switch including supply and fixing of DOL starter of complete.,. Makes: As per list of recommended brands.	1 No	8785
229		ELEC-5.4.17	Fabrication ,transportation and supply of wall mounted control panel board of size 600x600x250mm made of 18 SWG CRCA sheet steel enclosure, 14 SWG mounting plate for cable entry fabricated , painted with two coats of Red oxide primer and two coats of Grey paint, lock and key arrangements two side louvres with weld mesh inside etc., complete consisting of the following equipment with all internal wiring using LAURITZ KNUDSEN (FORMERLY L&T) / Finolex copper FRLS cables of suitable size and capacity and cable clamp etc. complete for 3 phase motor pump sets. Makes: As per list of recommended brands.		
			Voltmeter: 0-500 V 96x96mm size.		
			0 to 20 Amps / 0 50 Amps Ammeter (96x96mm size)-1No.		
			Single phase preventor of suitable range - 1No.		
			32 A TP, 10KA MCB. - 1No		
			Indication lamps (R-Y-B) with switch control - 1set		
			Voltmeter & Ammeter selector switch - 2 Nos		
			Supply and fixing of ISI Mark suitable capacitor		
	MAT-03713	a	Up to 7.5 HP with DOL Starter of.	1 No	11713
	MAT-03714	b	above 7.5 HP to 12.5 HP with Star- Delta Starter	1 No	20497
	MAT-03715	c	From 15 HP up to 20 HP with Automatic Star Delta Starter	1 No	27086
230		ELEC-5.4.18	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS enclosure comprising of contactor with bi-metallic relay with necessary push buttons, etc., complete suitable for…..		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
	MAT-03716	a	up to 3 HP	1 No	1531
231		ELEC-5.4.19	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz..enclosed with no volt coil and overload protection with necessary materials, etc., complete suitable for…... Makes: As per list of recommended brands.		
	MAT-03717	a	up to 3 HP	1 No	2738
	MAT-03718	b	5 to 7.5 HP	1 No	3060
	MAT-03719	c	10 HP	1 No	3383
232		ELEC-5.4.20	Supply & Fixing of Star-Delta Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil, overload protection and single phase preventor , etc., complete suitable for Makes: As per list of recommended brands.		
	MAT-03720	a	12.50 to 15HP.	1 No	9956
	MAT-03721	b	25HP to 30HP	1 No	16427
			UPVC PIPES AND FITTINGS		
233		ELEC-5.4.21	Supply and delivery of ..... for submersible motors with both ends square threaded, with rubber 'O' rings with smooth inner surface which can take the minimum load of 2100 to 4000 Kgs weights. Makes: As per list of recommended brands.		
	MAT-03722	a	42 / 32mm dia UPVC raising column pipe, with standing upto 20 Kgs / CM2 upto 200 Mts	1RM	157
	MAT-03723	b	48 / 40mm UPVC pipe with standing upto 20 Kgs / CM2 upto 200 Mts	1RM	194
	MAT-03724	c	60/50 mm UPVC pipe with standing upto 20 Kgs / CM2 upto 200 Mts	1RM	278

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03725	d	75/65 mm UPVC pipe with standing upto 20 Kgs / CM2 upto 200 Mts	1RM	375
	MAT-03726	e	88/80 mm UPVC pipe with standing upto 20 Kgs / CM2 upto 200 Mts	1RM	539
234	MAT-03727	ELEC-5.4.22	Supply and delivery of heavy duty couplings 42/32 mm UPVC pipe (27 Kgs / CM 2) capable of with standing up to 27 Kgs / CM2 above 200 mts and upto 300 mts	1NO	48
235	MAT-03728	ELEC-5.4.23	Supply and delivery of heavy duty couplings 48/40 mm UPVC pipe (27 Kgs / CM 2) capable of with standing up to 27 Kgs / CM2 above 200 mts and upto 300 mts	1NO	67
236	MAT-03729	ELEC-5.4.24	Supply and delivery of heavy duty couplings 60/50 mm UPVC pipe (27 Kgs / CM 2) capable of with standing up to 27 Kgs / CM2 above 200 mts and upto 300 mts	1NO	73
237	MAT-03730	ELEC-5.4.25	Supply and delivery off heavy duty couplings 75/65 mm UPVC pipe (27 Kgs / CM 2) capable of with standing up to 27 Kgs / CM2 above 200 mts and upto 300 mts	1NO	85
238	MAT-03731	ELEC-5.4.26	Supply and delivery of heavy duty couplings 88/80 mm UPVC pipe (27 Kgs / CM 2) capable of with standing up to 27 Kgs / CM2 above 200 mts and upto 300 mts	1NO	97
239		ELEC-5.4.27	Supply and Delivery of CI Adopter Assembly Makes: As per list of recommended brands.		
	MAT-03732	a	1/2" (48/40mm)	1NO	696
	MAT-03733	b	2" (60/50mm)	1NO	920
	MAT-03734	c	2 1/2" (75/65 mm)	1NO	1186
240		ELEC-5.4.28	Supply and Delivery of pump guard assembly with 2Nos SS Powder coated flange and 2Nos SS Rods with nut and colter pin. Makes: As per list of recommended brands.		
	MAT-03735	a	1 1/2" (48/40mm)	1NO	436

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03736	b	2" (60/50mm)	1NO	484
	MAT-03737	c	2 1/2" (75/65 mm)	1NO	666
	MAT-03738	d	3"(88/80 mm)	1NO	968
		5.5	**AIR CONDITIONERS**		
	MAT-03743	5.5.1 a	Deleted		
	MAT-03744	5.5.1 b	Deleted		
	MAT-03747	5.5.1 c	Deleted		
	MAT-03748	5.5.1 d	Deleted		
			Inverter Split AC Units (Cooling Only)		
241		ELEC-5.5.1 A	Supply of .....INVERTER Model Cool type split AC unit with high wall mounted Single Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidifying air circulating and filtering with cooling and condensing units with 3 mts of copper piping, insulation kit and 4 mts of 4 core copper flexible chord with cordless remote control etc., dual barrier coating in order to protect coil form oxidation with copper condenser.		
			1.5TR Split ACs		
		a	1.5 TR, 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-32/ R-410A. Makes: As per list of recommended brands as category I.	1 No	56421

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		b	1.5 TR, 3 Star capable of delivering 18000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category II.	1 No	42845
			2.0 TR Split ACs		
		c	1.8/1.9/2.0TR, 3 Star capable of delivering not less than 21600 BTU/hr and above with operating on refrigerant R-410A / R-32 Makes: As per list of recommended brands as category I.	1 No	69708
		d	1.8/1.9/2.0TR, 3 Star capable of delivering not less than 21600 BTU/hr and above with operating on refrigerant R-410A / R-32 Makes: As per list of recommended brands as category II.	1 No	56912
242		ELEC-5.5.2	Supply of .....INVERTER Model Cool type split AC unit with high wall mounted Single Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidifying air circulating and filtering with cooling and condensing units with 3 mts of copper piping, insulation kit and 4 mts of 4 core copper flexible chord with cordless remote control etc., dual barrier coating in order to protect coil form oxidation with copper condenser.		
			0.8/ 1.0TR Split ACs		
	MAT-05511	a	0.8 TR, 5 Star capable of delivering 9600 BTU/hr and above with operating on refrigerant R-32/ R-410A. Makes: As per list of recommended brands as category I.		45825
	MAT-05512	b	0.8 TR, 5 Star capable of delivering 9600 BTU/hr and above with operating on refrigerant R-32/ R-410A. Makes: As per list of recommended brands as category II.		37225
	MAT-05513	c	1.0 TR, 5 Star capable of delivering 12000 BTU/hr and above with operating on refrigerant R-32/ R-410A. Makes: As per list of recommended brands as category I.		51138
	MAT-05514	d	1.0 TR 5 Star capable of delivering 12000 BTU/hr and above with operating on refrigerant R-32/ R-410A. Makes: As per list of recommended brands as category II.		42272

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			1.5, 1.8 & 2.0TR Split ACs		
	MAT-03753	e	1.5 TR, 5 star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-32/ R-410A, COP not less than 4.5. Makes: As per list of recommended brands as category I.	1 No	67642
	MAT-03754	f	1.5 TR, 5 star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-32/ R-410A, COP not less than 4.5. Makes: As per list of recommended brands as category II.	1 No	52809
	MAT-05515	g	1.8/1.9/2.0TR, 4/5 star capable of delivering not less than 21600 BTU/hr and above with operating on refrigerant R-410A / R-32 Makes: As per list of recommended brands as category I.	1 No	81010
	MAT-05516	h	1.8/1.9/2.0TR, 4/5 Star capable of delivering not less than 21600 BTU/hr and above with operating on refrigerant R-410A / R-32 Makes: As per list of recommended brands as category II.	1 No	65966
	MAT-03757	i	2.2 TR, 4/5 star capable of delivering 26400 BTU/hr and above with operating on refrigerant R-410A / R-32 Makes: As per list of recommended brands as category I.	1 No	90012
	MAT-03758	j	Deleted	1 No	
			INVERTER CASSETTE TYPE AC UNITS		
243		ELEC-5.5.35	Supply **of ..... inverter Cassette type** AC unit with ceiling mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc. complete with Wireless remote controller, without refrigerant piping and cable with copper condenser.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03759	a	1.5 TR, 4-star Single Phase capable of delivering 18000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category I.	1 No	96962
	MAT-03760	b	2.0TR, 4-star Single Phase capable of delivering 24000 BTU / hr and above with operating on refrigerant R-32 / R-410A, . Makes: As per list of recommended brands as category I.	1 No	108784
	MAT-03761	c	2.0TR 4-star Single Phase capable of delivering 24000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category II.	1 No	94875
	MAT-03762	d	3.5 TR 4-star Three Phase capable of delivering 42000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category I.	1 No	183299
	MAT-03763	e	3.5 TR 4-star Three Phase capable of delivering 42000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category II.	1 No	171408
	MAT-03764	f	4.0 TR 4-star Three Phase capable of delivering 48000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category I.	1 No	198043
	MAT-03765	g	4.0 TR 4-star Three Phase capable of delivering 48000 BTU / hr and above with operating on refrigerant R-32 / R-410A. Makes: As per list of recommended brands as category II.	1 No	163185
			TOWER MODEL (Vertical) TYPE AC UNITS		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
244		ELEC-5.5.36	Supply **of Slim line / Tower Model/Verticool type .....**split AC unit with indoor unit and floor mounted outdoor condensing unit with 3.5 mtr of copper piping, insulation kit and 4 mtr of 4 core copper flexible card with refrigerant 410A/R32, Hermetically sealed Scroll compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete **with cordless remote control**		
	MAT-03766	a	3.0/ 3.3TR Three Phase capable of delivering 39600 BTU/hr and above with operating on refrigerant R-32/R-410. Makes: As per list of recommended brands.	1 No	120871
	MAT-03767	b	3.8 /4.0TR Three Phase capable of delivering 45600 BTU/hr and above with operating on refrigerant R-32/R-410. Makes: As per list of recommended brands.	1 No	128177
	MAT-03768	c	4.5/ 4.6TR Three Phase capable of delivering 55200 BTU/hr and above with operating on refrigerant R-32/R-410. Makes: As per list of recommended brands.	1 No	139466
			HVAC SYSTEMS(VRV/VRF)		
245		ELEC-5.6.1	Supply of Air cooled VRV / VRF Air Conditioning system of having high COP complete with indoor and outdoor units duly charged with refrigerant R-410A and oil (first charge) suitable for cooling with individual controller, (suitable for 415 +/- 10% for outdoor and 230 +/- 5% for indoor units) and complete with all accessories, fittings etc. The units shall be BMS Compatible. Outdoor Units shall be fully inverter system complete with 100% scroll/rotary compressor and drive arrangement, initial charge of refrigerant (R-410A), refrigerant piping, drier, sight glass, dual pressure cutout all housed and supported properly in cabinet, air cooled condenser & its controller for following capacities. The VRV system shall be cooling only system. Makes: As per list of recommended brands as category I.		
			Type of Compressor: Hermitic sealed Inverter **Scroll/Twin Rotary**		
			ODU should deliver the required capacity at the ambient conditions of the place as per ISHRAE Standards.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			The System should be highly energy efficient, and COP shall not be less than 3.7. The outdoor units shall be suitable for operation between 5 and 53 deg C in cooling mode.		
			VRV/VRF OUTDOOR UNITS		
	MAT-03769	a	6 HP	1 No	220110
	MAT-03770	b	8 HP	1 No	239844
	MAT-03771	c	10 HP	1 No	297528
	MAT-03772	d	12 HP	1 No	333960
	MAT-03773	e	14 HP	1 No	377982
	MAT-03774	f	16 HP	1 No	431112
	MAT-03775	g	18 HP	1 No	473616
	MAT-03776	h	20 HP	1 No	520674
246		ELEC-5.6.2	Supply of Air cooled VRV / VRF Air Conditioning system of having high COP complete with indoor and outdoor units duly charged with refrigerant R-410A and oil (first charge) suitable for cooling with individual controller, (suitable for 415 +/- 10% for outdoor and 230 +/- 5% for indoor units) and complete with all accessories, fittings etc. The units shall be BMS Compatible. Outdoor Units shall be fully inverter system complete with 100% scroll/rotary compressor and drive arrangement, initial charge of refrigerant (R-410A), refrigerant piping, drier, sight glass, dual pressure cutout all housed and supported properly in cabinet, air cooled condenser & its controller for following capacities. The VRV system shall be cooling only system. Makes: As per list of recommended brands as category II.		
			Type of Compressor: Hermitic sealed Inverter **Scroll/Twin Rotary**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			ODU should deliver the required capacity at the ambient conditions of the place as per ISHRAE Standards.		
			The System should be highly energy efficient, and COP shall not be less than 3.7. The outdoor units shall be suitable for operation between 5 and 53 deg C in cooling mode.		
	MAT-05517	a	6 HP	1 No	202653
	MAT-05518	b	8 HP	1 No	220110
	MAT-05519	c	10 HP	1 No	273695
	MAT-05520	d	12 HP	1 No	307243
	MAT-05521	e	14 HP	1 No	347622
	MAT-05522	f	16 HP	1 No	396198
	MAT-05523	g	18 HP	1 No	435666
	MAT-05524	h	20 HP	1 No	478170
247	MAT-03777	ELEC-5.6.3	Supply and Installation of Ref Nets for Double ODU connections	1 No	6679
248	MAT-03778	ELEC-5.6.4	Supply and Installation of Ref Nets for Triple ODU connections	1 No	12802
249	MAT-03779	ELEC-5.6.5	Supply and Installation of Multi Connection Joint / Ref Nets for IDUs	1 No	5844
			VRV/VRF INDOOR UNITS		
250		ELEC-5.6.6	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category I.		
			Type Of Units : Hi Wall type units		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03780	a	1.0 TR	1 No	38267
	MAT-03781	b	1.6 TR	1 No	41745
	MAT-03782	c	2.0 TR	1 No	43137
251		ELEC-5.6.7	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category II.		
			Type Of Units : Hi Wall type units	1 No	
	MAT-05525	a	1.0 TR	1 No	38405
	MAT-05526	b	1.6 TR	1 No	39658
	MAT-05527	c	2.0 TR	1 No	40858
252		ELEC-5.6.8	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category I.		
			Type Of Units : Round flow/4 way Cassette units		
	MAT-03783	a	1.0/1.3 TR	1 No	50929
	MAT-03784	b	1.5/1.6 TR	1 No	57052
	MAT-03785	c	2.0 TR	1 No	58443
	MAT-03786	d	2.6 TR	1 No	64009
	MAT-03787	e	3.2 TR	1 No	65401

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03788	f	4.0 TR	1 No	66792
	MAT-03789	g	4.5 TR	1 No	69993
253		ELEC-5.6.9	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category II.		
			Type Of Units : Round flow/4 way Cassette units		
	MAT-05528	a	1.0 TR	1 No	46754
	MAT-05529	b	1.5/1.6 TR	1 No	52460
	MAT-05530	c	2.0 TR	1 No	53712
	MAT-05531	d	2.6 TR	1 No	58861
	MAT-05532	e	3.2 TR	1 No	60113
	MAT-05533	f	4.0 TR	1 No	61226
	MAT-05534	g	4.5 TR	1 No	64287
254		ELEC-5.6.10	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category I.		
			Type Of Units : High Static Duct Units		
	MAT-03790	a	3.2 TR	1 No	63630
	MAT-03791	b	4.0 TR	1 No	66792
	MAT-	c	4.5 TR	1 No	79063

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03792				
	MAT-03793	d	5.5 TR	1 No	106513
	MAT-03794	e	6.3 TR	1 No	112206
	MAT-03795	f	8.0 TR	1 No	118278
255		ELEC-5.6.11	Supply of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls and duly wired, thermostatic control. Makes: As per list of recommended brands as category II.		
			Type Of Units : High Static Duct Units		
	MAT-05535	a	3.2 TR	1 No	58190
	MAT-05536	b	4.0 TR	1 No	60720
	MAT-05537	c	4.5 TR	1 No	72738
	MAT-05538	d	5.5 TR	1 No	97405
	MAT-05539	e	6.3 TR	1 No	102465
	MAT-05540	f	8.0 TR	1 No	108790
256	MAT-03796	ELEC-5.6.12	Supply, Installation, Testing & Commissioning Simple wireless remote controller to control the IDUs with Machine coding, ON-OFF & Temp. setting of individual IDU and group of IDU.		1771
257		ELEC-5.6.13	Supply of Indoor Units consisting of 3/4 row deep DX coil, drain pan, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls, duly wired, thermostatic control corded/cordless remote controller supports for indoor units etc. Makes: As per list of recommended brands as category I.		
			Type of Units: Ductable TFA Units		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03797	a	4TR	1 No	104553
	MAT-03798	b	6TR	1 No	125994
	MAT-03799	c	8TR	1 No	132825
258		ELEC-5.6.14	Supply of Indoor Units consisting of 3/4 row deep DX coil, drain pan, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls, duly wired, thermostatic control corded/cordless remote controller supports for indoor units etc. Makes: As per list of recommended brands as category II.		
			Type of Units: Ductable TFA Units		
	MAT-05541	a	4TR	1 No	96140
	MAT-05542	b	6TR	1 No	115115
	MAT-05543	c	8TR	1 No	122073
			HVAC-LOW SIDE WORKS		
259		ELEC-5.6.15	Lifting, shifting, positioning, Installation and testing of the ODUs including all accessories with Vibration Isolators for ODUs etc., complete		
	MAT-03800	A	6 to 8 HP	1 No	8694
	MAT-03801	B	10 to 12 HP	1 No	12420
	MAT-03802	c	14 to 20 HP	1 No	14904
260		ELEC-5.6.16	Lifting Shifting, Positioning, Installation Testing and commissioning of the following indoor units with including all required accessories etc complete.,		
			Type Of Units : Hi Wall Units	1 No	
	MAT-03803	a	1.0 TR to 2.0 TR	1 No	1490

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
261		ELEC-5.6.17	Lifting Shifting, Positioning, Installation Testing and commissioning of the following indoor units with including all required accessories etc complete.,		
			Type Of Units : Round Flow /4 way Cassette units		
	MAT-03804	a	1.0 TR to 2.0 TR	1 No	1863
	MAT-03805	b	2.6 TR to 4.5 TR	1 No	3105
262		ELEC-5.6.18	Lifting Shifting, Positioning, Installation Testing and commissioning of the following indoor units with including all required accessories etc complete.,		
			Type Of Units : High Static Duct Units		
	MAT-03806	a	3.2 TR to 4.5 TR	1 No	3726
	MAT-03807	b	5.5 TR to 8.0 TR	1 No	5589
263		ELEC-5.6.19	Installation, testing & commissioning of Indoor Units consisting of 2/3/4 row deep DX coil, filter, blower section and drive arrangement, initial charge of refrigerant & oil, integral refrigerant piping, electronic expansion valve, electrical panel with controls duly wired, thermostatic control corded/cordless remote controller supports for indoor units etc.		
			Type of Units: Ductable TFA Units		
	MAT-03808	a	4 TR to 8 TR	1 No	5693
			Refrigerant Piping		
264		ELEC-5.6.20	Supply, installation and testing of Refrigerant Piping consisting of copper tubes of wall thickness 20G/22G with class "O" nitrile rubber Insulation with finish as required. The piping to be mounted & supported properly with suitable size of clamp, M.S. hanger, tray etc., as required at site Makes: As per list of recommended brands.		
			The insulation shall be closed cell/cross linked elastomeric Nitrile rubber of thickness 13/19 mm. **The insulation thickness upto 19.1 mm dia pipe shall be 13 mm and above 19.1 mm dia, the insulation thickness shall be 19 mm.**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Testing of refrigerant piping and procedure shall be done as per Manufacturer's recommendations		
	MAT-03809	a	34.9 mm dia	Rmt	2424
	MAT-03810	b	28.6 mm dia	Rmt	2214
	MAT-03811	c	22.2 mm dia	Rmt	2002
	MAT-03812	d	19.1 mm dia	Rmt	1793
	MAT-03813	e	15.9 mm dia	Rmt	1582
	MAT-03814	f	12.7 mm dia	Rmt	1370
	MAT-03815	g	9.5 mm dia	Rmt	1012
	MAT-03816	h	6.4 mm dia	Rmt	886
265		ELEC-5.6.21	Supply, installation, and testing of UPVC Drain Piping with 6mm Nitrile Rubber class "O" Insulation **covered with interwoven glass cloth protection. Necessary pipe fittings (including enlarger, bends, T-Joints etc) has to be considered to connect the UPVC drain pipe to cast iron floor trap.**		
	MAT-03817	a	25 mm dia	Rmt	188
	MAT-03818	b	32 mm dia	Rmt	224
	MAT-03819	c	40mm dia	Rmt	274
	MAT-03820	d	50 mm dia	Rmt	324
			Supply of PVC insulated 2 core 1.5 Sq mm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990. (Covered in Section -1)	Rmt	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
266	MAT-03821	ELEC-5.6.22	Supply and transportation of R 410A Gas for the system.	kg	1571
267	MAT-03822	ELEC-5.6.23	Providing Pressure testing of entire system with Nitrogen and vacuuming nitrogen for all indoor and outdoor units. The pressure testing shall be done as per OEM recommendation.	HP	1898
268	MAT-03823	ELEC-5.6.24	Supply, installation, testing & commissioning of stand-alone, intelligent Touch controller with Display for controlling the indoor & outdoor units from a Remote place for all the circuits.	No	93610
269		ELEC-5.6.25	Supply, installation, testing& commissioning of GSS Ducting with required angle flanges & installation materials such as heavy duty supports by anchor fasteners etc as required asper IS 655 /SMACNA Standards. Makes: As per list of recommended brands.		
	MAT-03824	a	24 G	sqm	1201
	MAT-03825	b	22 G	sqm	1346
	MAT-03826	c	20 G	sqm	1601
	MAT-03827	d	18 G	sqm	1746
			Thermal Insulation		
270	MAT-03828	ELEC-5.6.26	Supply &Fixing of Duct Thermal Insulation applied outside of the duct work with All. backed Closed cell nitrile/ Cross linked foam duly fixed with adhesive and tapes. Makes: As per list of recommended brands.		
			13 mm Thick	sqm	734
			Acoustic Insulation		
271		ELEC-5.6.27	Supply & Fixing of Duct Acoustic Insulation applied inside of the duct work with All. backed Open cell nitrile duly fixed with adhesive and tapes Makes: As per list of recommended brands.		
	MAT-03829	a	10/15 mm Thick	sqm	1139

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
272	MAT-03830	ELEC-5.6.28	Supply, Installation, Testing and commissioning of extruded Aluminum powder coated grills/ diffusers for supply with removable core type with collar damper	sqm	10753
273	MAT-03831	ELEC-5.6.29	Supply, Installation, Testing and commissioning of extruded Aluminum powder coated grills/ diffusers for return with removable core type without collar damper	sqm	7843
274	MAT-03832	ELEC-5.6.30	Supply, Erection and Testing of GI Opposed blade Volume control dampers made out of 18G frame and 20G blades	sqm	6831
275	MAT-03833	ELEC-5.6.31	Supply, Erection of Fresh air louver with extruded aluminum grill with SS wire mesh and GI volume control damper with 20 micron filters	sqm	5440
276	MAT-03834	ELEC-5.6.32	Supply and Installation of Underdeck Insulation with 50 mm thick EPS, 48 Kg/Cum density, factory laminated faced aluminum foil covered with GI cross wiring.	sqm	823
277	MAT-03835	ELEC-5.6.33	Supply and Installation of GI Fusible link Fire dampers 500 mm long with sleeve as per UL 555 Standard, Minimum width of damper shall be 225 mm.	sqm	8223
278	MAT-03836	ELEC-5.6.34	Supply and Installation of GI backdraft dampers as per UL 555 Standard,	sqm	6831
279	MAT-03837	ELEC-5.6.35	Supply, installation and testing of Canvas connection for the Treated Fresh Air units to the duct	each	2783
280		ELEC-5.6.36	Supply, erection, testing and commissioning of Fresh air intake GI louvers with bird screen as per standard specifications.	ONE Sqmtr	5500
281		ELEC-5.6.37	Supply, Installation, Testing and commissioning of extruded Aluminum powder coated grills/ diffusers for supply air with removable core type with collar damper	ONE Sqmtr	9657
282		ELEC-5.6.38	Supply, Installation, Testing and commissioning of extruded Aluminum powder coated grills/ diffusers for return air with removable core type without collar damper.	ONE Sq mtr	7044
		5.7	**EVAPORATIVE AIR-COOLING SYSTEM**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
283	MAT-03838	ELEC-5.7.1	Supply of single-phase evaporative air-cooling unit with a capacity of 9000 CFM consisting cabinet and water tank made of polypropylene material, blower water pump of 40W, single phase 1.20 KW motor axial type fan with variable speed, 20 micron filtration, noise level less than 78 dBA with auto cleaning, humidity control and water lack protection etc., complete. Makes: As per list of recommended brands.	1 No	132825
284	MAT-03839	ELEC-5.7.2	Supply of Three phase evaporative air-cooling unit with a capacity of 12000 - 15000 CFM consisting of cabinet and water tank made of polypropylene material, blower water pump of 40W, Three phase 3.0 KW motor axial type fan with 2 speed, 20 micron filtration, noise level less than 78 dBA with auto cleaning and water lack protection etc complete. Makes: As per list of recommended brands.	1 No	227700
285	MAT-03840	ELEC-5.7.3	Supply and fixing of 13mm thick Nitrile insulation for outdoor unit.	1 sft	69
286	MAT-03841	ELEC-5.7.4	Supply and fixing of 50mm thick glass wool of 24 kg density with aluminum foil insulation for indoor duct.	1 sft	74
287	MAT-03842	ELEC-5.7.5	Supply and fixing of angular iron frame with 2 coats of zinc chromate red oxide for installation of air-cooling unit	1 No	6325
288	MAT-03843	ELEC-5.7.6	Installation and commissioning charges for air cooling unit	1 No	4554
		5.8	**STABILIZERS**		
289		ELEC-5.8.1	Supply of ……... 1-phase, automatic Electronic Voltage Stabilizer. Makes: As per list of recommended brands as category I.		
	MAT-03844	a	0.5 KVA	1 No	941
	MAT-03845	b	1.0 KVA	1 No	1663
	MAT-03846	c	3.0 KVA	1 No	2294
	MAT-03847	d	4.0 KVA	1 No	2787

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03848	e	5.0 KVA	1 No	3408
290		ELEC-5.8.2	Supply of …….. 1-phase automatic Electronic Voltage Stabilizer. Makes: As per list of recommended brands as category II.		
	MAT-03849	a	0.5 KVA	1 No	774
	MAT-03850	b	1.0 KVA	1 No	1492
	MAT-03851	c	3.0 KVA	1 No	1950
	MAT-03852	d	4.0 KVA	1 No	2581
	MAT-03853	e	5.0 KVA	1 No	3201
		5.9	**REPAIRING OF FANS, COOLERS, PUMPS, MOTORS, FRIDGES AND AIRCONDITIONERS**		
291		ELEC-5.9.1	Rewinding of ceiling fan motor (starting and running winding) including all necessary material. The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enameled wire with 'E' class insulation material and making connections etc. as required. (New model ceiling fan)		
	MAT-03854	a	900/1200 mm sweep	1 No	670
	MAT-03855	b	1400 mm sweep	1 No	806
292	MAT-03856	ELEC-5.9.2	Charges for oiling, greasing, overhauling of ceiling fan, table fan, pedestal fan irrespective to the size of fan including removing, refixing of fan from site and testing etc. as required	1 No	219
293	MAT-03857	ELEC-5.9.3	Providing and Replacement of ball bearing of ceiling/ exhaust fan as required. (NBC/ SKF)	1 No	255
294	MAT-03858	ELEC-5.9.4	Providing and Replacement of Gun metal bush of ceiling/ exhaust/cooler fan/ as required	1 No	219

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
295	MAT-03859	ELEC-5.9.5	Servicing and overhauling of 20" sweep desert cooler including oiling, greasing, painting of tank from inside with rubber paint after properly dismantling each assembly and refixing the same as required.	1 No	363
296	MAT-03860	ELEC-5.9.6	Painting of desert cooler with two coats of rubber paint inside of water tank and two coat of synthetic enameled paint on both side of cooler body, fan body, grills etc. After cleaning with sandpaper, complete in all respect as required	1 No	654
297	MAT-03861	ELEC-5.9.7	Replacement of cooler pads (heavy) set of 3 no. of size 25" x 27"	1 No	219
298	MAT-03862	ELEC-5.9.8	Supply and fixing of Brass float valve of weighing approx. 250 gm, 8" long rod, PVC ball of 4" dia. For desert cooler as required.	1 No	291
299	MAT-03863	ELEC-5.9.9	Supply and fixing of adjustable M.S. grill 20/22 gauge of size approx. 24" x 26" including painting etc. as required	1 No	523
300	MAT-03864	ELEC-5.9.10	Spray painting of ceiling fan of size 900/1200/ 1400 mm with two coats of white/ brown enameled paint after cleaning with sandpaper. Filling etc. as required.	1 No	255
301		ELEC-5.9.11	Rewinding of Heavy-duty Exhaust fan motor including all necessary material, The motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enameled wire with 'E' class insulation material and making connections etc. as required.		
	MAT-03865	a	300/ 380 mm sweep	1 No	910
	MAT-03866	b	450 mm sweep	1 No	1075
	MAT-03867	c	600 mm sweep	1 No	1818
302	MAT-03868	ELEC-5.9.12	Rewinding of 400 mm table fan/pedestal fan motor including all necessary material, the motor is to be wound taking no. of coils, turns and pitch as it was originally wound with required size super enameled wire with 'E' class insulation material and making	1 No	580

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			connections etc. as required.		
303		ELEC-5.9.13	Rewinding of single-phase motor of 1400 RPM including all necessary material and of the same characteristics as original with required size of super enameled wire 'E' class insulation material and testing etc. as required.	1 No	
	MAT-03869	a	0.5 H.P. To 1.00 H.P.	1 No	1208
	MAT-03870	b	2.0 H.P	1 No	1984
304		ELEC-5.9.14	Rewinding of three phase motor of 1400 to 2800 RPM including all necessary material and of the same characteristics as original with required size of super enameled wire 'E' class insulation material and testing etc. as required.		
	MAT-03871	a	3.0 H.P.	1 No	2933
	MAT-03872	b	5.0 H.P.	1 No	4140
	MAT-03873	c	7.5 H.P.	1 No	4485
	MAT-03874	d	10.0 H.P	1 No	6038
	MAT-03875	e	12.5 H.P	1 No	6383
	MAT-03876	f	15.0 H.P	1 No	7763
305		ELEC-5.9.15	Supply and charging of fresh refrigerant and testing of performance of air conditioner/ fridge/ water cooler of following capacity including capillary and strainer/ filter.		
	MAT-03877	a	1.0 TR Window/ Split A.C	1 No	2765

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03878	b	1.5 TR Window/ Split A.C	1 No	3056
	MAT-03879	c	2.0 TR Window/ Split A.C	1 No	3637
	MAT-03880	d	25/50 / 40/80 Ltr. Water cooler	1 No	2910
	MAT-03881	e	60/120 Ltr. Water cooler	1 No	3347
	MAT-03882	f	150/150 Ltr. Water cooler	1 No	4073
	MAT-03883	g	165 Ltr Refrigerator	1 No	1818
	MAT-03884	h	200/210 Ltr Refrigerator	1 No	2619
	MAT-03885	i	286/310 Ltr Refrigerator	1 No	3056
306		ELEC-5.9.16	Replacement of defective compressor by company repaired compressor of fridge/water cooler including testing etc. as required. Makes: As per list of recommended brands.		
	MAT-03886	a	25/50 / 40/80 Ltr. Water cooler	1 No	8729
	MAT-03887	b	60/120 Ltr. Water cooler	1 No	11056
	MAT-03888	c	150/150 Ltr. Water cooler	1 No	13093
	MAT-03889	d	165 Ltr Refrigerator)	1 No	4510
	MAT-03890	e	200/210 Ltr Refrigerator	1 No	5528
	MAT-03891	f	286/310 Ltr Refrigerator	1 No	6256
307		ELEC-5.9.17	Supply of …… brand new Rotary type sealed compressor for Air conditioner Makes: As per list of recommended brands.		
	MAT-	a	1.0/1.5 TR	1 No	13219

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	03892				
	MAT-03893	b	2 TR	1 No	14542
308		ELEC-5.9.18	Replacement of condensing/ cooling coil of copper fins for following capacity A.C./ Water cooler/ Fridge as required		
	MAT-03894	a	1.0 TR A.C.	1 No	5187
	MAT-03895	b	1.5 TR A.C.	1 No	5856
	MAT-03896	c	2.0 TR A.C.	1 No	6525
	MAT-03897	d	25/50 / 40/80 Ltr. Water cooler	1 No	3491
	MAT-03898	e	60/120 Ltr. Water cooler	1 No	5092
	MAT-03899	f	150/150 Ltr. Water cooler	1 No	5092
	MAT-03900	g	165 Ltr Refrigerator	1 No	1601
	MAT-03901	h	200/210 Ltr Refrigerator	1 No	1746
	MAT-03902	i	286/310 Ltr Refrigerator	1 No	2255
309	MAT-03903	ELEC-5.9.19	Replacement of overload protection of A.C./ Water cooler as required	1 No	728
310	MAT-03904	ELEC-5.9.20	Replacement of thermostat of A.C./ Water cooler/fridge as required.	1 No	654
311	MAT-03905	ELEC-5.9.21	Replacement of starting relay of A.C/water cooler/fridge compressor as required	1 No	713
312	MAT-03906	ELEC-5.9.22	Spray painting of complete fridge (inside and outside) of 165/ 200/286/310 Ltr. Capacity	1 No	2328
313		ELEC-5.9.23	Supply and fixing of 230V/ 275V, 50Hz rating …….		
			Starting capacitor		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03907	a	20-60 micro farad	1 No	278
	MAT-03908	b	80-150 micro farad	1 No	557
			Running capacitor	1 No	
	MAT-03909	a	2.5/3.15/4.0/6.0 micro farad	1 No	105
	MAT-03910	b	8.0 micro farad	1 No	153
	MAT-03911	c	10.0 micro farad	1 No	209
	MAT-03912	d	15.0 to 36.0 micro farad	1 No	553
314	MAT-03913	ELEC-5.9.24	Supply, Fabrication of 1set MS bracket suitable for fixing outdoor unit of split AC unit.	1 Set	1670
315		ELEC-5.9.25	Providing 2 runs of Copper tubes for suction and **liquid** between indoor and outdoor unit for Split/Cassette Air- Conditioner including foaming etc., complete. Makes: As per list of recommended brands.		
	MAT-03914	a	**1/2" x 1/4"**	1 Mtr	1420
	MAT-03915	b	**5/8" x 1/4"**	1 Mtr	1561
	MAT-03916	c	**3/4" x 3/8"**	1 Mtr	1710
	MAT-03917	d	**7/8" x 1/2"**	1 Mtr	1930
	MAT-03918	e	**1 1/8" x 5/8"**	1 Mtr	2368
316	MAT-03919	ELEC-5.9.26	Multi speed Fan Motor suitable for 1.0 / 1.5 / 2.0 Ton Window A.C. Unit Makes: As per list of recommended brands.	1 No	2073
317	MAT-03920	ELEC-5.9.27	Air filter suitable for 1.50 Ton Window A.C. Unit P.V.C. / NYLON.	1 No	348

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
318	MAT-03921	ELEC-5.9.28	Air filter suitable for 1.50 Ton Split A.C. Unit P.V.C. / NYLON.	1 No	598
319	MAT-03922	ELEC-5.9.29	Fan blade for 1.0 / 1.5 Ton A.C. Machine.	1 No	696
320	MAT-03923	ELEC-5.9.30	Installation of Split Air Conditioners.	1 No	2200
321	MAT-03924	ELEC-5.9.31	Removing of existing Split Air Conditioners without damaging to copper pipe.	1 No	726
322	MAT-03925	ELEC-5.9.32	Installation of Cassette type Split Air Conditioners.	1 No	5500
323	MAT-03926	ELEC-5.9.33	Installation of Tower type Split Air Conditioners.	1 No	4125
324	MAT-03927	ELEC-5.9.34	Supply, Fabrication of 1set MS bracket suitable for fixing outdoor unit of 3.5 /4.50 TR Cassette AC unit.	1 Set	2057
325	LAB-01181	ELEC-5.9.35	Repairs and Installation of existing PCB in 1.0 / 1.5 / 2.0 Ton Split A.C. Unit	1 No	1030
326	LAB-01182	ELEC-5.9.36	Overhauling and servicing the Split type 1.5/2.0 Ton A.C. Machine by Cleaning the condenser cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition.	1 Job	1200
327	LAB-01183	ELEC-5.9.37	Overhauling and servicing the Cassette type 1.5/2.0/3.5/4.0 Ton A.C. Machine by Cleaning the condenser cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition.	1 Job	1500
328		ELEC-5.9.38	Supply, Transportation, Installation, Testing and Commissioning of the following actual capacity at 45°C ambient Outdoor Condensing Units-Inverter type suitable to operate upto 52°C ambient temperature with minimum one variable speed inverter scroll compressor. Matching air-cooled condenser with copper tubes and aluminum fins duly covered by anti-corrosion and hydrophilic resin film. Scroll compressors suitable for operation with R-410A. Unit with all necessary safety devices like high/low pressure cut-outs, fan motor thermal overload protector, over current/low current safety,		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			fuses etc. Suitable for operation on 80V~415V, 3Ph~50Hz A.C. supply. Oil separator and accumulator to be provided for inverter compressors and with copper condensing units. Makes: As per list of recommended brands.		
		a	2.5 TR	1 No	55000
		b	3.5 TR	1 No	83000
		c	5.5 TR	1 No	85400
		d	8.5 TR	1 No	122000
		e	11 TR	1 No	146000
		f	17 TR	1 No	239000
			AIR HANDLING UNITS		
329		ELEC-5.10.1	Supply, Installation, Testing and Commissioning of double skin horizontal floor mounted air handling unit of recirculation type having mixing box with fresh air & return air manually operated AL dampers. Fresh air inlet should have back draft dampers along with AL manually operated fresh air dampers. Units shall be with a minimum of 80mm GI base channel. The panel thickness should be 46+/-2mm having thermal break AL profile. Outer skin of the unit should be 0.6mm pre-coated GI sheet & Inner skin should be 0.8mm AL. All internal blank off should be GI. Filter section with 90% efficiency down to 10-micron pre-filter box type followed by 95% efficiency down to 5-micron Microvee filter in a separate filter frame. The cooling coil section should be 6 or 8 Row Deep Direct Expansion intertwining cooling coil compatible for Mitsubishi /DAIKIN/Toshiba/O General/ Blue star/Hitachi/Carrier outdoor unit. Fin thickness should be 0.15mm & fin spacing should be 12 FPI. Coil casing should be GI & fin shall be with standard fin material. Coil shall be 18G SS-304 drain pan with		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			13mm thick closed cell nitrile rubber insulations. Unit shall be ultraviolet lamp to kill germs/fungus. The heater section should be with 4kW electric strip heater in 2 banks. The fan section should be SISW direct driven plug fan with a minimum efficiency of 65%. Motors should be IE-2, TEFC squirrel cage induction type with IP-55 protection, 415V, 3Phase & 50Hz. The motor drive should be VFD. VFD drive should be included in AHU supply. Fan should be housed over the spring isolator. Units should be supplied with manually operated AL dampers. The AHU package should include Electronic expansion valves compatible to condensing units, Temperature sensor and controller compatible to inverter drive, communication cables from AHU to condensing unit etc., including cost of all accessories and all labour charges, transportation etc., complete. Makes: As per list of recommended brands.		
			1000 cfm 2.5" static	Each	89700
			1400 cfm 2.5" static	Each	103500
			2200 cfm 3.5" static	Each	158700
			3400 cfm 4.5" static	Each	255300
			4400 cfm 4.5" static	Each	310500
			6800 cfm 4.5" static	Each	462300
			8800 cfm 5.5" static	Each	531300
330		ELEC-5.10.2	Supply, installation, testing and commissioning of tube axial flow type Supply Air Fan of suitable capacity ……WC static pressure with powder coated MS/GSS casing and aluminum alloy impellers with high efficiency aero-foil sections, blades, the impeller directly driven by TEFC induction motor (IE-2) and 'F' class insulation suitable for 3 Phase, 50 Hz, 415±10% Volt, ac supply (and as per manufacturer		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			specification) for a static pressure as indicated below. Fan section shall be suitable for Floor Mounted outdoor application as well as ceiling suspended indoor applications with suitable capacity of starter with Four Pole MCB etc., and other protective devices of approved brands within MS enclosure box complete as required and as per specifications. The fan shall be equipped with mounting bracket Inlet & outlet cone required at discharge. The sound pressure should not exceed 80 db(A) at a distance of 3 Mts. The Fan should be complete with all accessories including fire rated canvas connection with metallic flange, vibration isolators, gravity louvers, bird screen etc., as per specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Fan total efficiency should not be less than 60%. Makes: As per list of recommended brands.		
		a	1500 CFM/ 20mm	Each	20903
		b	2500 CFM/ 20mm	Each	23329
		c	3000 CFM/ 20mm	Each	23329
		d	3500 CFM/ 20mm	Each	25987
		e	4000 CFM/ 20mm	Each	29293
		f	5000 CFM/ 20mm	Each	33492
		g	5500 CFM/ 20mm	Each	31196
		h	6500 CFM/ 35mm	Each	37194
		i	9500 CFM/ 20mm	Each	43324
		j	11500 CFM/ 35mm	Each	49912

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		k	12000 CFM/ 35mm	Each	49912
		l	16000 CFM/ 35mm	Each	67687
331		ELEC-5.10.3	Supply, installation, testing and commissioning of tube axial flow type Fire rated Exhaust Air Fan of suitable capacity …….. WC static pressure with powder coated MS/ GSS casing and aluminum alloy impellers with high efficiency aero-foil sections, blades, the impeller directly driven by TEFC induction motor (IE-2) and 'H' class insulation suitable for 3 Phase, 50 Hz, 415±10% Volt, ac supply, (and as per manufacturer specification) for a static pressure as indicated below. Fan section shall be suitable for Floor Mounted outdoor application as well as ceiling suspended indoor applications with suitable capacity of starter with Four Pole MCB etc., and other protective devices of approved brands within MS enclosure box complete as required and as per specifications. The fan shall be equipped with mounting bracket Inlet & outlet cone required at discharge. Fans should be AMCA certified. The sound pressure should not exceed 80 db(A) at a distance of 3 Mts. Fan and Motor for Fire exhaust fans shall be suitable for operation at minimum 250 deg C for 2 hrs. The Fan should be complete with all accessories including fire rated canvas connection with metallic flange, vibration isolators, gravity louvers, bird screen etc., as per specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Fan total efficiency should not be less than 60%. Makes: As per list of recommended brands.		
		a	2500 CFM/ 20mm	Each	27283
		b	3000 CFM/ 20mm	Each	26388
		c	3500 CFM/ 20mm	Each	29711

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		d	4000 CFM/ 20mm	Each	29711
		e	5000 CFM/ 20mm	Each	35830
		f	5500 CFM/ 20mm	Each	35830
		g	16000 CFM/ 35mm	Each	77939
		h	19000 CFM/ 25mm	Each	78959
332		ELEC-5.10.4	Supplying, installing, testing and commissioning of low noise silent type ……. ESP Inline Fan. The motor shall be suitable for 220-volt single phase 50 cycles AC supply, 6/15 Amp plug and wiring between the fan and the socket and low sound level exceeding not more than 50dBA. Fan should be complete with all accessories including canvas connection, gravity louver/ shutter as required etc., as per manufacturer specification including transportation to site, all mounting arrangements like brackets etc., as per specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Makes: As per list of recommended brands.		
		a	100 CFM / 3-5 mm	Each	5263
		b	150 CFM / 3-5 mm	Each	5552
		c	200 CFM / 5 mm	Each	5668
		d	300 CFM / 5 mm	Each	6767
		e	400 CFM / 5 mm	Each	8455
		f	450 CFM / 5 mm	Each	7171

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		g	500 CFM / 5 mm	Each	8675
		h	600 CFM / 8 mm	Each	10642
		I	800 CFM / 8 mm	Each	12145
		J	1000 CFM / 8 mm	Each	13360
		K	1300 CFM / 10 mm	Each	14980
333		ELEC-5.10.5	Supplying, installing, testing and commissioning of ……SP-For Fresh Air Cabinet FAN SECTION - DIDW of double skin construction as per specifications, each complete with squirrel cage induction motor (mounted internally), centrifugal fan belt drive and vibrations isolators, base, drive arrangement, flexible canvass connection inside and for duct connection and all other accessories as required and as called for in the drawings. Motors shall be suitable for 415 ± 10% volts, 50 cycles, 3 phase or 220-volt single phase 50 cycles AC supply (as per manufacturer specification) for a static pressure as indicated. In addition, all supply fans (SF) shall be provided with 50mm thick prefilter. Fan section shall be suitable for Floor Mounted outdoor application as well as ceiling suspended indoor applications with suitable capacity of starter with Four Pole MCB etc., and other protective devices of approved brands within MS enclosure etc., as per specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Makes: As per list of recommended brands.		
		a	15000 CFM / 30mm	Each	104680
		b	25000 CFM / 30mm	Each	365858
334		ELEC-5.10.6	Supply, Installation, Testing and Commissioning of Electrostatic Type Kitchen Exhaust Air Cleaner (Dry Scrubber) complete with the following accessories,		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			components etc. Making it a completely functional dry scrubber suitable for Kitchen Hood Exhaust. The component to be included are:- Fan Section:-Double skin floor mounted cabinet fan section for exhaust air made of 25 ± 2 mm thick panel consisting of pre painted GSS sheet of thickness 0.8mm outside layer and 0.63 mm inside layer with polyurethane foam (PUF) insulation of density 40 kg/m3 factory injected between them by injection moulding machine, complete with SISW backward curved centrifugal fan suitable for static pressure as required with TEFC induction motor (IP 55 protection) should be of high efficiency class IE3 suitable for 3 Phase 50 Hz 415V ± 10 %, of Class F insulation, internal fire rated flexible connection with flanges, fire rated connection for duct/ dry scrubber, gravity louver, vibration isolator etc. including all accessories complete as required and as per specifications. Motor and drive shall be out of hot air stream and shall be protected with GI covering/weatherproof canopy. Pre Filter-Section with Wire Mesh SS Filters for Coarse Particle. Electrostatic Precipitator Section - Electrostatic section shall be made of 16 SWG galvanised sheet, high bake epoxy powder coated, SS Spiked ionizers to create high voltage DC field, aluminum collector plates which should be alternatively charged positive and negative with large collecting area with deep cell, to work as magnet for charged smoke and oil particles. Average efficiency of 90-95% in single pass as per ASHRAE/DOP test method. Electrostatic Precipitator should be able to charge particles from 0.01 micron to 10 microns through solid state power supply. Collector cell should be of permanent type and incorporate slide out facility for easy removal for cleaning. Power supplies shall be 100% solid state. Suitable capacity of starter with Four Pole MCB etc., and other protective devices of approved brands and other protective devices within M.S enclosure box with suitable length of cable for connection with fan from isolator complete as required and as per specifications. Fan should be complete with all accessories including canvas connection, vibration isolators etc., as per		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Makes: As per list of recommended brands.		
		a	18000 CFM / 65mm	Each	447619
		b	30000 CFM / 65mm	Each	815244
335		ELEC-5.10.7	Supplying, installing, testing, and commissioning of 150 mm dia low noise direct driven wall mounted PROPELLER FAN. Each fan shall be complete with permanent split capacitor or shaded pole motor, mounting plate with light weight type PVC /aluminum impellers with aero foil contours for high efficiency & finished with decorative frames & gravity shutter/ bird screen at discharge as required. The motor shall be suitable for 220 volt single phase 50 cycles AC supply, 6/15 Amp plug and wiring between the fan and the socket etc., as per specification including transportation to site, all mounting arrangements like brackets etc., and cost of all accessories and all labour charges complete. Makes: As per list of recommended brands.		
		a	150 mm dia	Each	2348
		b	300 mm dia	Each	3239
336		ELEC-5.10.8	Supply, Transportation, Installation, Testing and Commissioning of Ceiling suspended laminar flow (Planair Ceiling system) with unidirectional airflow work space / discharge plenum for operation rooms comprising as standard feature with HEPA filter efficiency not less than 99.97% down to 0.3 Microns (Factory DOP tested), per operation room shall not be less than 3.1 sqm area with appropriate depth to accommodate absolute filters, with air flow at approx. 90-100 Fpm velocity. Size 8ft X 6ft. The laminar flow system shall have such design that it provides "H13/14" class Hepa filter. Material of construction Shall be 1.2mm thick S S 304 Plenum with S S Perforated sheet at the bottom. Each air	Each	330000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			inlet should be supplied with Aluminum opposed blade damper. Diffuser: 2 layer monofilament precision woven polyester of uniform porosity with an open area of sufficient resistance to create laminar from diffusers face and integral lighting provides an illumination level in excess of 1500 Lux in operating area and 1000 Lux other electronic stepless dimming down to 5% without flicker. The entire plenum should be insulated with 19mm thick Al faced nitrile rubber. Bottom discharge should be perforated SS Sheet of 1.6mm with reinforcement to avoid waviness.		
			SECTION 6		
		6.1	**SWAGED / OCTAGONAL POLES AND GARDEN POSTS**		
337	MAT-03928	ELEC-6.1.1	Fabrication, supply and transportation of all sizes swaged poles up to site confirming to IS 2713 / 1980 specifications. The pole should be painted with primary coat of red oxide and black bituminous paint up to ground level with base plate, including cost of all materials etc., complete. (Rate per K. G)	1 Kg	88
338	MAT-03929	ELEC-6.1.2	Fabrication and Supply of M.S. Poles for garden posts with 'B' class 60.25mm outer dia with base plate and suitable pole cap including cost and conveyance of all material including fixing of luminaire and labour charges etc., complete. (Rate per K. G)	1 Kg	79
339	MAT-03930	ELEC-6.1.3	Supply of different sizes of M. S. Pipe brackets (Rate per K.G)	1 Kg	79
			OCTAGONAL POLEs		
340	MAT-03931	ELEC-6.1.4	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with hinged door opening arrangement, including the supply of suitable boards with bakelite sheet as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.5 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template. Makes: As per list of recommended brands.	1 No	14811

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
341	MAT-03932	ELEC-6.1.5	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with Hinged door opening arrangement, including the supply of suitable boards with bakelite sheet as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template. Makes: As per list of recommended brands.	1 No	20009
342	MAT-03933	ELEC-6.1.6	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with hinged door opening arrangement, including the supply of suitable boards with bakelite sheet as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template. Makes: As per list of recommended brands.	1 No	21998
343	MAT-03934	ELEC-6.1.7	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 240mm, Top 100mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template. Makes: As per list of recommended brands.	1 No	31779
			DECORATIVE DRAGON TYPE BRACKET WITH POLE		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
344		ELEC-6.1.8	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180KMPH for **9 Mtrs mounting height** Pole having dimensions bottom 185 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x 20mm and 4 Nos of M24 x 1000 long 'J' bolts along with templates. Including Supply of1.5M **Dragon type** decorative. Makes: As per list of recommended brands.		
	MAT-03935	a	galvanized double arm with PU Painted bracket.	1 No	31308
	MAT-03936	b	galvanized Single arm with PU Painted bracket.	1 No	26836
	MAT-05544	c	Double arm Galvanize finished bracket	1 No	26483
	MAT-05545	d	Single arm Galvanize finished bracket	1 No	24011
345		ELEC-6.1.9	Fabrication, Transportation and supply of hot-dip galvanized Octagonal Pole with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for **9 Mtrs Mounting height** Pole having dimensions Bottom 185 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x 20mm and 4 Nos of M24 x 1000long 'J' bolts along with templates. Including Supply of 1.5M **Dragon type** decorative	1 No	DELETED
346		ELEC-6.1.10	Fabrication, Transportation and supply of hot-dip .....**PU Paint finish curved Octagonal Pole** with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for **9 Mtrs mounting height** Curved Pole having dimensions Bottom 180 mm,. Top 85mm with 3mm thick, base plate 400 x 400 x 20mm and 4 Nos of M24 x 750 long 'J' bolts along with templates. Including Supply of 0.2M long **Single arm** bracket. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03937	a	Galvanized	1 No	26247
	MAT-05546	b	Galvanized PU paint finished	1 No	35545
			POLE BRACKETS		
347	MAT-03938	ELEC-6.1.11	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	1530
348	MAT-03939	ELEC-6.1.12	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers).	1 No	2024
349	MAT-03940	ELEC-6.1.13	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers).	1 No	1895
350		ELEC-6.1.14	Fabrication, Transportation and supply of 1.5 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	3413
351	MAT-03942	ELEC-6.1.15	Fabrication, Transportation and supply of 1.5 Mtr Length Single Arm suitable size decorative galvanized bracket with PU paint colour finish etc complete. (The design should be approved from field Engineers)	1 No	5650
352	MAT-03943	ELEC-6.1.16	Fabrication, Transportation and supply of 1.5 Mtr length double arm suitable size decorative galvanized bracket with PU paint colour finish etc complete. (The design should be approved from field Engineers)	1 No	10711

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
353	MAT-03944	ELEC-6.1.17	Fabrication, Transportation and supply of 1.5mtrs sword type or any decorative double arm bracket with dooms either side complete with all accessories with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	6238
354	MAT-03945	ELEC-6.1.18	Fabrication, Transportation and supply of 1.5mtrs sword type or any decorative Single arm bracket with dooms either side complete with all accessories with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	4826
355	MAT-03946	ELEC-6.1.19	Fabrication, Transportation and supply of 1.0mtrs sword type or any decorative double arm bracket with dooms either side complete with all accessories with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	5061
356	MAT-03947	ELEC-6.1.20	Fabrication, Transportation and supply of 1.0 mtrs sword type or any decorative Single arm bracket with dooms either side complete with all accessories with MS galvanized 40mm / 50mm dia Pipe. (The design should be approved from field Engineers)	1 No	4237
			HIGH MAST POLES		
357	MAT-03948	ELEC-6.1.21	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of bottom 360mm and top 150mm dia BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M24 x 800 mm foundation bolts of required quantity, and GI Pipe ring suitable for fixing luminaires with LED type aviation twin	1 No	123585

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			lamp. Makes: As per list of recommended brands.		
358	MAT-03949	ELEC-6.1.22	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of bottom 4mm thick and top section with 3mm thick with GLS type aviation lamp of Bottom 360mm and Top 150mm dia with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M24 x 800 mm foundation bolts of required quantity and GI Pipe ring suitable for fixing luminaires with LED type aviation twin lamp. Makes: As per list of recommended brands.	1 No	162426
359	MAT-03950	ELEC-6.1.23	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of bottom 4mm thick and top section with 3mm thick of bottom 460mm and top 150mm dia with BSEN - 10025 grade S355J0 steel plate for shaft, IS 2062 for base plate, having a base plate of size 670mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M30 x 750 mm foundation bolts of required quantity and GI Pipe ring suitable for fixing luminaires with LED type aviation twin lamp. Makes: As per list of recommended brands.	1 No	210095
			FEEDER PILLAR BOXES		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
360	MAT-03951	ELEC-6.1.24	Supply and fixing of suitable outdoor type feeder pillar box made with 14 SWG CRCA sheet after 7 tank process including S & F 40-63A FP MCB, 6 Nos SP MCB's, din channel, bus bars, 6 Sq mm 3 core copper cable for internal wiring, contactor, connectors and provision for energy meter etc., complete for finished item of work. Makes: As per list of recommended brands.	1 No	21539
361	MAT-03952	ELEC-6.1.25	Supply and fixing of suitable outdoor type feeder pillar box made with 14 SWG CRCA sheet after 7 tank process including S & F 40-63A FP MCB, 9 Nos SP MCB's, din channel, bus bars, 6 Sq mm 3 core copper cable for internal wiring, contactor, connectors and provision for energy meter etc., complete for finished item of work. Makes: As per list of recommended brands.	1 No	22245
			ERRECTION- HIGH MAST POLES		
362	MAT-03953	ELEC-6.1.26	Earth work excavation with an approximate quantity of 4.0 Cum for erection of 12 Mtrs high mast and refilling with a quantity of 0.53 Cum of PCC 1:4:8, 1.50 Cum M 20 grade concrete and (80 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and carriage etc complete.	1 No	37113
363	MAT-03954	ELEC-6.1.27	Earth work excavation with an approximate quantity of 6.0 Cum for erection of 16 Mtrs high mast and refilling with a quantity of 0.65 Cum of PCC 1:4:8, 2.60 Cum M 20 grade concrete and (110 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and carriage etc complete.	1 No	46391

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
364	MAT-03955	ELEC-6.1.28	Earth work excavation with an approximate quantity of 7.0 Cum for erection of 20 Mtrs high mast and refilling with a quantity of 0.75 Cum of PCC 1:4:8, 3.60 Cum M20 grade concrete and (140 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and carriage etc complete.	1 No	59590
365		ELEC-6.1.29	Supply of ……. Sizes thermo-plastic cable junction boxes with IP66/67 weatherproof, for outdoor installation with knockouts for cable entry including terminals etc., complete (sizes in mm). Makes: As per list of recommended brands.		
	MAT-03956	a	155 X 210 X 92	1 No	1893
	MAT-03957	b	205 X 255 X112	1 No	2754
	MAT-03958	c	225 X 295 X 122	1 No	9695
	MAT-03959	d	255 X 600 X 170	1 No	10670
			FOUNDATION AND ERRECTION CHARGES OF POLES		
366	MAT-03960	ELEC-6.1.30	Erection charges for 7.50 Mts long Octagonal pole on bridge kerb portion with 4 Nos, 8" Anchor bolts with chemical treatment with suitable "J" type bolts etc duly drilling holes to RCC slab with V.C.C. M.15 concrete for suitable base concreting with necessary steel reinforcement work and curing for 7 days etc. including cost and conveyance of all material and all labour charges etc., complete as directed by the department officers.	1 Job	5873
367	MAT-03961	ELEC-6.1.31	Foundation and erection charges with special T&P, for 7.50 Mtrs long Octagonal /Conical pole duly erecting on base plate duly providing 4 Nos foundation bolts with nuts with providing of 0.45Mtr x 0.45Mtrs x1.20 Mtr size M20 cc work vibrated concreting mixing with necessary steel (10kgs) reinforcement and curing for 7 days as directed by	1 Job	6851

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			the field engineers during execution including excavation of Earth/BT all labour charges and cost and conveyance of materials etc., complete.		
368	MAT-03962	ELEC-6.1.32	Foundation and erection charges with special T&P, for 9.00Mtrs / 10Mtrs long Octagonal / Conical pole duly erecting on base plate duly providing 4 Nos foundation bolts with nuts with providing of 0.60Mtr x 0.60Mtrs x 1.40 Mtr size M20 cc work vibrated concreting mixing with necessary steel (15kgs) reinforcement and curing for 7 days as directed by the field engineers during execution including excavation of Earth/BT all labour charges and cost and conveyance of materials etc., complete.	1 Job	9229
369	MAT-03963	ELEC-6.1.33	Foundation and erection charges with special T&P, for 12Mtrs long Octagonal /Conical pole duly erecting on base plate duly providing 4 Nos foundation bolts with nuts with providing of 0.67Mtr x 0.67Mtrs x 1.50 Mtr size M20 cc work vibrated concreting mixing with necessary steel (20kgs) reinforcement and curing for 7 days as directed by the field engineers during execution including excavation of Earth/BT all labour charges and cost and conveyance of materials etc., complete.	1 Job	11327
			GRP POLES		
370		ELEC-6.1.34	Supply and transportation of following glass reinforced polymer (GRP) composite type Conical pole with single arm bracket of length 1Mtr and internal junction box including labour charges etc., complete. Makes: As per list of recommended brands.		
	MAT-03964	a	…do…. 3.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	10005
	MAT-03965	b	…do…. 4.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	12712
	MAT-03966	c	…do…. 6.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	15890

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03967	d	…do…. 8.00 Mtrs height, Bottom dia 193mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	20480
	MAT-03968	e	…do…. 9.00 Mtrs height, Bottom dia 210mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	22363
	MAT-03969	f	…do…. 10.00 Mtrs height, Bottom dia 227mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 180Km/Hr	1 No	32368
371		ELEC-6.1.35	Supply and transportation of base bracket suitable for glass reinforced polymer (GRP) composite type pole including labour charges etc., complete. Makes: As per list of recommended brands.		
	MAT-03970	a	…do…. For 3.00 Mtrs Pole	1 No	1824
	MAT-03971	b	…do…. For 4.00 Mtrs Pole	1 No	1824
	MAT-03972	c	…do…. For 6.00 Mtrs Pole	1 No	2177
	MAT-03973	d	…do…. For 8.00 Mtrs Pole	1 No	2531
	MAT-03974	e	…do…. For 9.00 Mtrs Pole	1 No	4826
	MAT-03975	f	…do…. For 10.00 Mtrs Pole	1 No	6003
		6.2	**LT PANEL AND ACCESSORIES**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
372	MAT-03976	ELEC-6.2.1	Supply Installation Testing and commissioning of free-standing floor mounted dust and vermin proof compartmentalized cubical panel made out of CRCA sheet, required hardware, cleaning with 7 tank process duly painted by two coats of zinc/red oxide primer followed by Powder coated / epoxy / PU painted with phosphatisation in grey or required shade after rinsing. The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness, separate detachable, gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. The thickness of sheet shall not be less than 1.6mm up to 600mm length/ width of any compartment and be 2.0mm above 600mm. The load bearing structure shall be of 2.0mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with detachable extension type structure (only outer area on all sides shall be measured and panel to be fabricated from CPRI approved fabricator).	1 sqm	6145
373		ELEC-6.2.2	Supply and fixing of……. bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves		
	MAT-03977	a	Electrolytic grade aluminum bus bar	kg	563
	MAT-03978	b	Electrolytic grade copper bus bar	kg	1188
374		ELEC-6.2.3	Supply and fixing of (0-500) V range Voltmeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. Makes: As per list of recommended brands.		
	MAT-03979	a	Analog type (96 mm x 96 mm)	1 No	935
	MAT-03980	b	Digital type	1 No	2090

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
375		ELEC-6.2.4	Supply and fixing of CT operated direct reading type Ammeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required. Makes: As per list of recommended brands.		
			Analog type (96 mm x 96 mm)		
	MAT-03981	a	Below 500 A	1 No	935
	MAT-03982	b	Above 500A	1 No	935
			Digital type		
	MAT-03983	c	Below 500 A	1 No	2090
	MAT-03984	d	Above 500 A	1 No	2090
376		ELEC-6.2.5	Supply and Fixing of Current Transformer, with all necessary support in existing panel including connection etc. as required: Makes: As per list of recommended brands.		
	MAT-03985	a	up to 150 / 5 Ratio, 5 VA, class 1 accuracy	1 No	628
	MAT-03986	b	from 200 / 5 to 400/5 Ratio, 10 VA, class 1 accuracy	1 No	924
	MAT-03987	c	from 500 / 5 to 1600/5 Ratio, 15 VA, class 1 accuracy	1 No	1254
	MAT-03988	d	from 2000 / 5 to 3200 /5 Ratio, 15 VA, class 1 accuracy	1 No	1980
377	MAT-03989	ELEC-6.2.6	Supply and fixing of selector switch for voltmeter (4 position) including making connection etc. as required Makes: As per list of recommended brands.	1 No	374
378	MAT-03990	ELEC-6.2.7	Supply and fixing of CT linked selector switch of 10 A for Ampere meter (4 position) including making connection etc. as required. Makes: As per list of recommended brands.	1 No	413
379		ELEC-6.2.8	Supply and fixing of single phase Electronic energy Meter,…...AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
	MAT-03991	a	Single Phase	1 No	1100
	MAT-03992	b	Three Phase	1 No	3080
380		ELEC-6.2.9	Supply and Fixing of 240/220 V, LED (22.5 mm dia) Pilot lamp with integral circuit, terminal block, including connection etc. as required		
	MAT-03993	a	Red/yellow/Green colour	1 No	132
	MAT-03994	b	Blue colour	1 No	220
381		ELEC-6.2.10	Supply and Fixing of Tap-off boxes suitable for following size of approved design		
	MAT-03995	a	up to 95 sq. mm (3.5/4 core)	1 No	440
	MAT-03996	b	from 120 sq. mm. to 185 sq. mm (3.5/4 core)	1 No	770
382	MAT-03997	ELEC-6.2.11	Supply and fixing of energy analyzer (multi-function energy meter) with LCD/LED display capable of minimum 20 numbers electrical parameters display with 1A/5A CT input for LV/ HV network, RS 485 communication port etc. complete in all respect.	1 No	11550
383		ELEC-6.2.12	Supply Installation Testing and commissioning of self-healing MPP/MP type shunt capacitor (banks) conforming to IS:13340-41 / IEC :60831-1&2 in existing panel or parallel with load terminals , the capacitor shall be fitted with discharge resistors, pressure sensitive disconnector (PSD) and shall have dissipation factor less than 0.0025 at 50 Hz and total wattage loss less than 0.5 Watt per KVAR. including making connections with suitable capacity conductors/cables testing as required. Makes: As per list of recommended brands.		
	MAT-03998	a	Standard duty Single phase 250 V / Three phase 440 V, 50 Hz capacitor (Bank)	1 KVAR	237

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-03999	b	Heavy duty Three phase 440 V, 50 Hz capacitor (Bank)	1 KVAR	356
384	MAT-04000	ELEC-6.2.13	Supply Installation Testing and commissioning of microprocessor based intelligent power factor correction relay having sensitivity up to 50 milli Amp secondary current and following way, self-analyzing auto c/k setting according to targeted power factor setting, the relay shall have minimum three digit display unit for display of real power factor, targeted power factor, lag/lead capacitor switching status, alarm output for under current, over current, insufficient compensation, indication of switching on units, auto/manual status, and shall have over load protection, no volt release etc. as required. Makes: As per list of recommended brands.		
			6 to 14 stage - sensitivity upto 50 milli Amp	1 No	21958
385		ELEC-6.2.14	Supply and Fixing of Cam operated rotary switches on existing panel with 2 way and off position. Makes: As per list of recommended brands.		
			one pole		
	MAT-04001	a	16 A	1 No	415
	MAT-04002	b	32 A	1 No	534
	MAT-04003	c	63 A	1 No	771
			Two pole		
	MAT-04004	d	16 A	1 No	475
	MAT-04005	e	32 A	1 No	629
	MAT-04006	f	63 A	1 No	1039
			Three pole		
	MAT-04007	g	16 A	1 No	593
	MAT-04008	h	32 A	1 No	831

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04009	i	63 A	1 No	1484
			Four pole		
	MAT-04010	j	16 A	1 No	593
	MAT-04011	k	32 A	1 No	890
	MAT-04012	l	63 A	1 No	1662
386		ELEC-6.2.15	Supply and fixing of ac operated heavy duty 230 /440 Volt power contactor conforming to IS:13947-4-1/IEC:60947-4-1 having provision of mechanical interlocking, Din rail mounting type including making connections, testing etc. as required. Makes: As per list of recommended brands.		
			3 pole AC3 Rating contactors		
	MAT-04013	a	Up to 12 Amp	1 No	950
	MAT-04014	b	13 to 32 Amp	1 No	1573
	MAT-04015	c	35 to 40 Amp	1 No	1899
	MAT-04016	d	41 to 50 Amp	1 No	4154
			4 pole AC 1 Rating contactors		
	MAT-04017	e	Up to 25 Amp	1 No	1187
	MAT-04018	f	26 to 32 Amp	1 No	1424
	MAT-04019	g	33 to 45 Amp	1 No	2374
	MAT-04020	h	46 to 60 Amp	1 No	4985

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
387		ELEC-6.2.16	Supply and fixing of 440 Volt 3 pole capacitor (AC 6 B) duty contactor with 3 no. early make and post break auxiliary contacts in series with quick discharge damping resistors/ reactors to limit the inrush current, conforming to IS:13947-4-1/IEC:60947-4-1, Din rail mounting type including making connections, testing etc. as required. suitable for following capacity capacitor bank. Makes: As per list of recommended brands.		
	MAT-04021	a	Up to 6 KVAR	1 No	2279
	MAT-04022	b	7 to 10 KVAR	1 No	2563
	MAT-04023	c	11 to 20 KVAR	1 No	3846
	MAT-04024	d	21 to 25 KVAR	1 No	5128
	MAT-04025	e	30 KVAR	1 No	7406
	MAT-04026	f	40 KVAR	1 No	11821
	MAT-04027	g	50 KVAR	1 No	13673
388		ELEC-6.2.17	Supply and fixing of thermal overload relay with built in single phase protection and having at least 1NO & 1NC contacts, manual /auto reset facility including making connection testing etc. as required. Makes: As per list of recommended brands.		
	MAT-04028	a	Up to 14 A	1 No	1424
	MAT-04029	b	15 to 20 A	1 No	1899
	MAT-04030	c	21 to 30 A	1 No	2730
	MAT-04031	d	31 to 40 A	1 No	3086
389		ELEC-6.2.18	Supply and fixing of push button actuators and integral contact block of dia. 22.5 mm including making connection etc. as required. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04032	a	Non-luminous type	1 No	113
	MAT-04033	b	Luminous type	1 No	154
		6.3	**SUB STATION EQUIPMENT AND TRANSFORMERS**		
390	MAT-04034	ELEC-6.3.1	Supply, Installation, Testing & Commissioning of HT metering cubical panel as approved By DISCOMs fabricated out of 14 SWG CRCA sheet steel in two compartment & MS angle of size 60mmX6mm having provision for Following: Makes: As per list of recommended brands.	1 No	28486
			(i) Provision for fixing Tri-vector Meter (To be supplied by DISCOMs)		
			(ii) Provision for fixing of combined CT PT Set (To be supplied by DISCOMs)		
			(iii)TT Block		
			(iv) 6mm Bakelite sheet on all sides.		
391	MAT-05547	ELEC-6.3.1a	Supply, Transportation, Installation and Commissioning of 11 KV, 630A, 25 KA Outdoor type Load Break Switch as detailed below with suitable CC foundation and 2 Nos GI pipe earthing with brick masonry chambers etc., complete for finished item of work. Makes: As per list of recommended brands. a) Load break switch: 11KV,630A, 25 KA with fuse trip, earth switch, manually operated spring charged mechanism with 2 no + 2 NC. b) HT HRC fuse upto 63A - 3 nos. c) Bus bar connection. d) Indication lamps. e) Manual trip Push button.		142428
			33 KV HT Panel (draw out type)		
392		ELEC-6.3.2	Supply, Installation, Testing and Commissioning of indoor type floor mounted metal clad, Switchgear Panel enclosure of sheet steel preferably Aluzinc, dust tight, vermin proof, totally enclosed cubicle floor mounting, free standing type with single break, horizontally draw out type breaker with trip free mechanism as per latest standard i.e. IS/IEC 62271-		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			200 as amended up to date and as per Technical specifications, IP4X for VCB Panel enclosure. Switchgear Panel shall be electrically & mechanically interlocked as per IEC 62271-1, full voltage insulated copper Busbar with heat shrinkable sleeving, complete with suitable metering & protection devices, breaker featured with mechanical ON-OFF indicator with hand trip device and all accessories such as shunt trip coil, motorized & manually operated spring charging mechanism, emergency trip push buttons, auxiliary switch of 2NO + 2NC, interconnections, space heaters, panel earthing etc. and equipped with following switchgear and accessories including connection suitable for 3x185 to 3x 400 Sq mm XLPE 33 kV cable (cable entry from bottom) to be connected through heat shrinkable jointing material etc., as required. (Note - Cost of end termination not included in this item.) Makes: As per list of recommended brands.		
			INCOMER/OUTGOINGS 1 No. each comprising the following		
			1 No. 800 Amp. VCB. 31.5KA		
			1 No. Integral Earth switch for line side earthing		
			3 No. dual core CTs 600A/1/1A of 7.5VA burden max and accuracy Class 0.5 for metering and class 5P10 for protection		
			3 No. Cast Resin 33000V/v3/110V/v3/110V/v3 PT Class 0.5/3P accuracy and 30VA burden max with and protection fuses / MCB.		
			1 No. Digital voltmeter with selector switch.		
			1 No. Digital Ammeter with selector switch.		
			1 No. Microprocessor based numerical relays with O/L, E/F and S/C protection with Integrated Arc sensing feature along with trip/lockout / anti-pumping / aux. relays.		
			1 No. Multi-function meter.		
			Set of MCBs for Panel AC/DC		
			Set of MCBs for Main AC/DC		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Set of Indication lamps LED types		
			TNC Switch, L-R Switch, Pushbuttons for ON-OFF		
	MAT-04035	a	**33 KV 800A VCB** Panel with 3 Nos. VCBs suitable for 50Hz 3-phase system, suitable for 31.5kA/3sec short circuit withstand capacity & 31.5kA/1sec Internal Arc capacity	1 No	3151220
		b	**33 KV 800A VCB** Panel with 1 Nos. VCBs suitable for 50Hz 3-phase system, suitable for 31.5kA/3sec short circuit withstand capacity & 31.5kA/1sec Internal Arc capacity	1 No	1050400
			11KV HT Panel (draw out type)		
393		ELEC-6.3.3	Supply, Installation, Testing and Commissioning of indoor type floor mounted metal clad, Switchgear Panel enclosure of sheet steel preferably Aluzinc, dust tight, vermin proof, totally enclosed cubicle floor mounting, free standing type with single break, horizontally draw out type breaker with trip free mechanism as per latest standard i.e. IS/IEC 62271-200 as amended up to date and as per Technical specifications, IP4X for VCB Panel enclosure. Switchgear Panel shall be electrically & mechanically interlocked as per IEC 62271-1, full voltage insulated copper Busbar with heat shrinkable sleeving, complete with suitable metering & protection devices, breaker featured with mechanical ON-OFF indicator with hand trip device and all accessories such as shunt trip coil, motorized & manually operated spring charging mechanism, emergency trip push buttons, auxiliary switch of 2NO + 2NC, interconnections, space heaters, panel earthing etc. and equipped with following switchgear and accessories including connection suitable for 3x185 to 3x 400 Sq mm XLPE 11kV cable (cable entry from bottom) to be connected through heat shrinkable jointing material etc., as required. (Note - Cost of end termination not included in this item.) Makes: As per list of recommended brands.		
			INCOMER /OUTGOINGS 1 No. each comprising the following		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			1 No. 800 Amp. VCB. 26.3KA		
			1 No. Integral Earth switch for line side earthing		
			3 No. dual core CTs 600A/1/1A of 7.5VA burden max and accuracy Class 0.5 for metering and class 5P10 for protection		
			3 No. Cast Resin 11000V/v3/110V/v3/110V/v3 PT Class 0.5/3P accuracy and 30VA burden max with and protection fuses / MCB.		
			1 No. Digital voltmeter with selector switch.		
			1 No. Digital Ammeter with selector switch.		
			1 No. Microprocessor based numerical relays with O/L, E/F and S/C protection with Integrated Arc sensing feature along with trip/lockout / anti-pumping / aux. relays.		
			1 No. Multi-function meter.		
			Set of MCBs for Panel AC/DC		
			Set of MCBs for Main AC/DC		
			Set of Indication lamps LED types		
			TNC Switch, L-R Switch, Pushbuttons for ON-OFF		
	MAT-04036	a	**11 KV 800A VCB** Panel with 3 Nos. VCBs suitable for 50Hz 3-phase system, suitable for 26.3kA/3sec short circuit withstand capacity & 26.3kA/1sec Internal Arc capacity	1 No	1596381
		b	**11 KV 800A VCB** Panel with 1 Nos. VCBs suitable for 50Hz 3-phase system, suitable for 26.3kA/3sec short circuit withstand capacity & 26.3kA/1sec Internal Arc capacity	1 No	540000
			Oil Immersed TRANSFORMERS		
394		ELEC-6.3.4	Supply, Transportation, Installation, Testing and Commissioning of copper wound Transformers 33/0.433 KV, Three Phase, 50 Hz, DYN 11, ONAN type , Standard accessories, winding temperature rise of 45°C/40°C first fill oil, having permissible total loss values as per the latest amendment no.4 of BIS in march 2021 for 33 KV as per energy efficiency level - 2 at basic Insulation level conforming to IS 2026 (Part- I to Part - II), latest amended and IS 1180 Part-I : 2014 described as above with Cable box on HV side and Bus duct on LV Side , ON load		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Tap changer(OLTC) with RTCC etc., with initial filling of oil as per IS 335-1993 complete and as per the following continuous rating. Makes: As per list of recommended brands as category I.		
	MAT-04037	a	deleted	1 No	
	MAT-04038	b	deleted	1 No	
	MAT-04039	c	1250 KVA	1 No	3183919
	MAT-04040	d	1600 KVA	1 No	3948059
	MAT-04041	e	2000 KVA	1 No	4882009
		f	2500 KVA	1 No	5369902
395		ELEC-6.3.5	Supply, Transportation, Installation, Testing and Commissioning of 11/0.433 KV TRANSFORMER with all test reports. The Transformer shall be designed and manufactured as per Energy Efficiency Level - 2 at basic Insulation level conforming to IS 2026 (Part- I to Part - II) with latest ammended and as per IS 1180 Part-I : 2014 latest ammended, OCTC with initial filling of oil as per IS 335-1993. The basic details of the Transformer are as under. Makes : As per list of recommended brands as category I.		
			1. Quantity : 1 2. Rated KVA: .....KVA 3. Service & Location: Continuous Outdoor Distribution Transformer 4. Mounting: Plinth. 5. Wound: Copper Double wound 6. Type: Core type oil immersed 7. Cooling: ONAN 8. Temp Rise: 40ºC in oil, 45ºC by resistance 9. Vector Group: Dyn 11 10. Primary Connection: Delta 11. Nominal Voltage / Current: 12. Highest system Voltage: 12000V 13. Primary Frequency :50 HZ +/- 3% 14. Number of Phases: 3 15. Primary wires: 3		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			16. Secondary connection: Star 17. Secondary Volts / Current : 433V 18. Secondary phases: 3 19. Secondary wires: 4 20. Taps on primary winding for primary voltage variation: +5% to - 10% in steps of 2.5% of 7 position (6 Steps) 21. Terminal arrangement. a. HV: HT terminal box as per the site condition. b. LV: Cable box suitable to receive ---------- --Sq.mm XLPE cable 22. LV: One separate terminal for earthing. 23. Total Losses at 50% Loading [Watts] [Max] --- as per IS 24. Total Losses at 100% Loading [Watts] [Max]--- as per IS 25.Percentage Impedance at 75 deg. C at -----as per IS 26. No Load current: Less than 2% of full load current. 27. Standard Fittings & Accessories. a. Rating and terminal marking plate: One b. Lifting Lugs: Two c. Off-circuit tap switch: One. d. Earthing Terminals : Two e. Radiators (Attachable): Adequate f. Explosion vent with Diaphragm : One g. Conservator with Drain plug: one h. Oil filling hole with cap :One i. Oil level indicator: One j. Dehydrating Silica gel Breather: One k. Terminal Arrangement: HV With Terminal Box l. Terminal Arrangement: LV Cable Box m. Separate Neutral Bushing : One n. Drain cum filter valve with blanking plate: One o. Air release device: One p. Thermometer Pocket: One q. Four: Unidirectional flat rollers r. One :10Cm dial thermometer (Rigid stem type)		
	MAT-04042	a	100 KVA Copper Wound Transformer	1 No	549896
	MAT-04043	b	160 KVA Copper Wound Transformer	1 No	907328

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04044	c	250 KVA Copper Wound Transformer	1 No	1089099
	MAT-04045	d	315 KVA Copper Wound Transformer	1 No	1451114
	MAT-04046	e	500 KVA Copper Wound Transformer	1 No	1904776
	MAT-04047	f	Deleted	1 No	
	MAT-04048	g	Deleted	1 No	
396		ELEC-6.3.5 A	Supply, Transportation, Installation, Testing and Commissioning of 11/0.433 KV TRANSFORMER with all test reports. The Transformer shall be designed and manufactured as per Energy Efficiency Level – 1 at basic Insulation level conforming to ISS 2026 (Part- I to Part - II) with latest amended, and as per IS 1180 Part-I : 2014 latest amended, OCTC type with initial filling of oil as per IS 335-1993. The basic details of the Transformer are as under. Makes: As per list of recommended brands as category I.		
		a	1. Quantity : 1 2. Rated KVA: .....KVA 3. Service & Location: Continuous Outdoor Distribution Transformer 4. Mounting: Plinth. 5. Wound: Copper Double wound 6. Type: Core type oil immersed 7. Cooling: ONAN 8. Temp Rise: 40ºC in oil, 45ºC by resistance 9. Vector Group: Dyn 11 10. Primary Connection: Delta 11. Nominal Voltage / Current: 12. Highest system Voltage: 12000V 13. Primary Frequency :50 HZ +/- 3% 14. Number of Phases: 3 15. Primary wires: 3 16. Secondary connection: Star 17. Secondary Volts / Current : 433V 18. Secondary phases: 3 19. Secondary wires: 4 20. Taps on primary winding for primary voltage variation: +5% to - 10% in steps of 2.5% of 7 position	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			(6 Steps) 21. Terminal arrangement. a. HV: HT terminal box as per the site condition. b. LV: Cable box suitable to receive ---------- --Sq.mm XLPE cable 22. LV: One separate terminal for earthing. 23. Total Losses at 50% Loading [Watts] [Max] --- as per IS 24. Total Losses at 100% Loading [Watts] [Max]--- as per IS 25.Percentage Impedance at 75 deg. C at -----as per IS 26. No Load current: Less than 2% of full load current. 27. Standard Fittings & Accessories. a. Rating and terminal marking plate: One b. Lifting Lugs: Two c. Off-circuit tap switch: One. d. Earthing Terminals : Two e. Radiators (Attachable): Adequate f. Explosion vent with Diaphragm : One g. Conservator with Drain plug: one h. Oil filling hole with cap :One i. Oil level indicator: One j. Dehydrating Silica gel Breather: One k. Terminal Arrangement: HV With Terminal Box l. Terminal Arrangement: LV Cable Box m. Separate Neutral Bushing : One n. Drain cum filter valve with blanking plate: One o. Air release device: One p. Thermometer Pocket: One q. Four: Unidirectional flat rollers r. One :10Cm dial thermometer (Rigid stem type)		
			100 KVA Copper Wound Transformer	1 No	471339
			160 KVA Copper Wound Transformer	1 No	777709
			250 KVA Copper Wound Transformer	1 No	933514
			315 KVA Copper Wound Transformer	1 No	1243811
			500 KVA Copper Wound Transformer	1 No	1632667
397		ELEC-6.3.5 B	Supply, Transportation, Installation, Testing and Commissioning of ISI marked copper wound Transformers 11/0.433 KV, Three Phase, 50		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Hz, DYN 11, ONAN type , Standard accessories, winding temperature rise of 45°C/40°C first fill oil, having permissible total loss values not exceeding 7.5%of the maximum total loss values for 11 KV as per Energy Efficiency Level - 2 at basic Insulation level conforming to ISS 2026 (Part-I to Part - II), latest ammended and IS 1180 Part-I : 2014 described as above with Cable box on HV side and Bus duct on LV Side , ON load Tap changer(OLTC)+10% to -10%, with RTCC etc., with initial filling of oil as per IS 335-1993 complete and as per the following continuous rating. Makes : As per list of recommended brands as category I.		
	MAT-08780	a	630 KVA	1 No	2572746
	MAT-08781	b	1000 KVA	1 No	3242983
			Dry Type transformers		
398		ELEC-6.3.6	Supply, Transportation, Installation, Testing and Commissioning of cast Resin (Dry Type) indoor type copper double wound 33KV/0.433 KV, Three Phase 50 Hz Transformers designed and manufactured as per IS 11171/IEC 60726 , ANSI and NEMA Standards with all standard fittings, connected Delta on Primary side and Star on Secondary side with additional neutral brought out on load side 33000/433V with HV ON load Tap changer (OLTC) with RTCC etc tap changing +5% to -15% temperature rise by the resistance 90 degrees with terminal arrangement Cable box on HV side and Bus duct on LV Side with off circuit Tap links etc.,, complete Makes: As per list of recommended brands.		
	MAT-04049	a	1000 KVA	1 No	4205550
	MAT-04050	b	1250 KVA	1 No	5237100
	MAT-04051	c	1600 KVA	1 No	6332130
	MAT-04052	d	2000 KVA	1 No	7617600
	MAT-04053	e	2500 KVA	1 No	8569800

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
399		ELEC-6.3.7	Supply, Transportation, Installation, Testing and Commissioning of 3 Phase, 50 Hz, Dry type, Indoor type copper wound Transformer designed and manufactured as per IS 2026-1977 and IS 11171-1985, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 11000V / (433V /415V) with HV ON loadTap changer(OLTC) with RTCC etc tap changing + 5% to -5% in steps of 2.5%, temperature rise by the resistance 90ºC complete with test reports with the following standard mountings. Makes: As per list of recommended brands.		
			1. Rated KVA : .....KVA (Cast Resin)		
			2. Service: Indoor		
			3. Mounting : Floor.		
			4. Copper wound : Double.		
			5. Type of cooling : ANAN.		
			6. Insulation Class : Class F		
			7. Temperature rise by resistance : 90ºC		
			8. Vector Group: Dyn 11		
			9. Primary Connection : Delta		
			10. Primary Volts : 11000		
			11. Primary Frequency : 50		
			12.Primary Phases : 3		
			13. Primary wires: 3		
			14. Secondary connection : Star		
			15. Secondary Volts : 433V / 415V		
			16. Secondary phases : 3		
			17. Secondary wires: 4		
			18. Taps on primary winding for primary voltage variation : +5.0% to - 10.0% in steps of 2.5% through links.		
			19. Terminal arrangement.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			a. HV: Cable end box b. LV : Cable end box		
			20. No load losses (Watts): ..... As per IS specifications		
			21. Load losses (Watts): .....As per IS specifications		
			22. Impedance(Z%) : .....As per IS specifications		
			23. Fittings & Accessories.		
			a. Rating and terminal marking plate b. Earthing terminals		
			c. Lifting Lugs		
			d. Winding temperature Indicator		
			e. Separate neutral bushing		
			f. Uni directional flat rollers.		
	MAT-04054	a	250 KVA Copper Wound Cast Resin Transformer		1157981
	MAT-04055	b	315 KVA Copper Wound Cast Resin Transformer		1331096
	MAT-04056	c	500 KVA Copper Wound Cast Resin Transformer		1814073
	MAT-04057	d	630 KVA Copper Wound Cast Resin Transformer		1987189
	MAT-04058	e	750 KVA Copper Wound Cast Resin Transformer		2333419
	MAT-04059	f	1000 KVA Copper Wound Cast Resin Transformer		2938595
		6.4	**MAINTENANCE AND REPAIRS OF TRANSFORMERS**		
400	MAT-04060	ELEC-6.4.1	Carryout routine maintenance, servicing and testing of 630A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arc chutes including servicing and putting the ACB in perfect working condition after setting all relay and ON, OFF mechanism etc., done with only manufacturing companies	1 No	6831

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
401	MAT-04061	ELEC-6.4.2	Carryout routine maintenance and servicing of LT. Cubical panel board having approximately 15 to 22 Nos of switches cleaning with power blower and servicing the contacts, tightening the connection of incoming and outgoing cables, and checking the operating mechanism for smooth functioning of switches and putting them in smooth working condition.	1 No	4099
402	MAT-04062	ELEC-6.4.3	Routine maintenance of transformer, including testing of insulation resistance, oil breakdown strength. Reconditioning / replacement of silica zel, cleaning of transformer and topping upto oil level if required (extra cost will be paid for oil).	1 No	6148
403	MAT-04063	ELEC-6.4.4	Testing of Transformer oil for dielectric breakdown strength.	1 No	820
404		ELEC-6.4.5	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete……..		
	MAT-04064	a	up to 315 KVA	1 No	4782
	MAT-04065	b	500 / 1000 KVA	1 No	6148
405		ELEC-6.4.6	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -……		
	MAT-04066	a	up to 315 KVA	1 No	1025
	MAT-04067	b	500 / 1000 KVA	1 No	1366
406		ELEC-6.4.7	Replacing old and unserviceable gasket of bushing for the following Transformer capacity. -……..		
	MAT-04068	a	up to 315 KVA HT,	1 No	478
	MAT-04069	b	500 / 1000 KVA HT,	1 No	1025
	MAT-	c	up to 315 KVA LT,	1 No	1229

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	04070				
	MAT-04071	d	500 / 1000 KVA LT,	1 No	2049
407		ELEC-6.4.8	Replacement the H T / L. T burnt out winding coils of distribution transformer including rewinding, varnishing and vacuuming etc., duly retaining the removed burnt winding coils by the Contractor / Firm- …….		
	MAT-04072	a	For copper coils	1 Kg	856
	MAT-04073	b	For aluminum coils	1 Kg	570
408	MAT-04074	ELEC-6.4.9	Insulating HT / LT copper / aluminum coils for Transformers.	1 Kg	464
409		ELEC-6.4.10	Painting to transformer with 2 coats Zinc chromate red oxide duly scraping existing paint followed by 2 coats of hammer ton grey paint etc., complete. -…….		
	MAT-04075	a	Upto 500 KVA	1 No	4782
	MAT-04076	b	630 / 1000 KVA	1 No	6148
410		ELEC-6.4.11	Replacing …….. for distribution Transformer by new one.		
	MAT-04077	a	H.T bushing	1 No	478
	MAT-04078	b	H.T bushing with metal parts	1 No	546
	MAT-04079	c	L.T bushing Upto 315 KVA	1 No	274
	MAT-04080	d	L.T bushing 500 / 1000 KVA	1 No	342
	MAT-04081	e	L.T bushing rod with metal parts up to 315 KVA	1 No	683
	MAT-04082	f	L.T bushing rod with metal parts 500/1000 KVA	1 No	2528

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
411		ELEC-6.4.12	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. ……..-		
	MAT-04083	a	Upto 315 KVA	1 No	6011
	MAT-04084	b	500 / 1000KVA	1 No	7514
412		ELEC-6.4.13	Loading, transportation and unloading of transformer from site to Workshop or vice versa. …….		
	MAT-04085	a	Upto 500 KVA	1 No	6148
	MAT-04086	b	630 / 1000 KVA	1 No	9563
413	MAT-04087	ELEC-6.4.14	Supply of new and tested transformer oil as per IS-335 - 1972 (per Ltr)	1 Ltr	164
414		ELEC-6.4.15	Filtration of transformer oil as per ISS specifications filters to dielectric strength above 40KV …….		
	MAT-04088	a	at site. (Per Ltr) excluding transportation	1 Ltr	14
	MAT-04089	b	at workshop (per Ltr)	1 Ltr	10
		6.5	**OVERHEAD LINES& LINE MATERIALS**		
415		ELEC-6.5.1	Supply and transportation of …….PSCC Poles		
	MAT-04090	a	8.0 Mtr , Working load-140 Kgs	1No	2415
	MAT-04091	b	8.0 Mtr , Working load-200 Kgs	1No	3450
	MAT-04092	c	9.1 Mtr , Working load-280 Kgs	1No	4910
416		ELEC-6.5.2	Supply and transportation of 9 mtr length …….RS Joist Poles		
	MAT-04093	a	150 x 75 mm (Wt of the pole-140 Kgs)	1No	10500
	MAT-04094	b	175 x 85 mm (Wt of the pole-215Kgs)	1No	16125

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04095	c	150 x 150 mm (Wt of the pole-333 Kgs)	1No	24975
417		ELEC-6.5.3	Supply and erection of GI stay set of dia…….. including stay clamps, turn buckle and GI stay wire tight end through strain insulator including excavation of pit and cc work etc., complete		
	MAT-04096	a	20mm,2.4 mtr long stay rod and anchor plate 380mmx380mmx6.4mm	1 set	2245
	MAT-04097	b	16mm,1.8 mtr long stay rod and anchor plate 380mmx380mmx6.4mm	1 set	1699
418		ELEC-6.5.4	Supply and fixing of 11KV -V- cross arms with ……...duly welded with necessary clamping arrangements etc., complete		
	MAT-04098	a	75x40 mm MS channel including 4 nos 50 x 50 x6 mm packing plates (9 Kgs)	1 No	1494
	MAT-04099	b	65 x65 x6 MS angle (8.2 Kgs)	1 No	1058
419		ELEC-6.5.5	Supply and fixing of LT 3 phase 4 wire cross arm of length 3' 8" with……. and necessary clamping arrangements, cutting, drilling and welding etc., complete		
	MAT-04100	a	50 x 50 x6 mm MS angle (wt 5.75 Kgs)	1 No	517
	MAT-04101	b	65 x65 x6 MS angle (wt 7 Kgs)	1 No	610
420		ELEC-6.5.6	Supply and fixing of LT 3 phase 5 wire cross arm of length 4' 5" with……. and necessary clamping arrangements, cutting, drilling and welding etc., complete		
	MAT-04102	a	50 x 50 x6 mm MS angle (wt 7.30Kgs)	1 No	667
	MAT-04103	b	65 x65 x6 MS angle (wt 9.60 Kgs)	1 No	841
421	MAT-04104	ELEC-6.5.7	Supply and fixing of LT single phase 3 wire cross arm with 50 x 50 x6 mm MS angle of 2' 5" (wt 4.20 Kgs) and necessary clamping arrangements ,cutting ,drilling and welding etc., complete		411

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
422	MAT-04105	ELEC-6.5.8	Supply and fixing of 11 KV pin Insulator (IS 731/ 1971) with minimum creepage distance of 300 mm on existing cross arm including all accessories like Hot dip GI spindle and nuts etc.,	220	220
423		ELEC-6.5.9	Supply and fixing of …….. LT porcelain pin insulator as per IS 1447-1997 suitable for working voltage 1100 V including all accessories like Hot dip GI spindle and nuts etc.,		
	MAT-04106	a	100 x 65 mm	each	97
	MAT-04107	b	100 x 85 mm	each	109
424		ELEC-6.5.10	Supply and fixing of …….. LT porcelain shackle insulator as per IS 1443-1979 suitable for working voltage 1100 V including all accessories like Hot dip GI spindle and nuts etc.,		
	MAT-04108	a	75 x 90 mm	each	169
	MAT-04109	b	100 x 110 mm	each	206
425	MAT-04110	ELEC-6.5.11	Supply and fixing of distribution type lightning arrester 11 KV 5 kA as per IS 3070 with mounting base on the existing DP structure	each	3025
426	MAT-04111	ELEC-6.5.12	Supply and fixing of 100 A 11 KV Horn Gap fuse set as per IS 9385 on existing DP structure with 6 no of 24 KV /22 KV post Insulators (IS 5350, Hot dipped Hardware, fuse wire of required size etc., complete	each	6655
427	MAT-04112	ELEC-6.5.13	Supply and fixing of 11 KV danger plates on the existing poles	each	121

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
428	MAT-04113	ELEC-6.5.14	Supply and fixing of 11 KV ,400 A 3 phase central post rotating double break type AB switch(isolator) as per IS 9921) without earth blade, gang operated, Horizontal type, operating mechanism with GI spring loaded reverse loop type fixed contact, solid HD electrolytic copper tubular moving contact with silver/Nickel plated at end points,9 Nos post insulators of 12 KV (IS 2594 and IS 5350) ,Hot Dip galvanizing hardware, GI pipe, Nuts and bolts etc., complete.,	each	21780
429		ELEC-6.5.15	Supply and Transportation of Over Head …… Conductor as per IS 398 (PART - II): 1996		
		a	7/3.55 ACSR Rabbit (214 Kg/KM)	1KM	
		b	7/2.59 ACSR weasel (128 Kg/KM)	1KM	
		c	7/2.11 ACSR squirrel (85 Kg/KM)	1KM	
	MAT-04114	d	100 Sq mm AAA	1KM	102248
	MAT-04115	e	55 Sq mm AAA	1KM	67000
	MAT-04116	f	34 Sq mm AAA	1KM	36000
430		ELEC-6.5.16	Supply and erecting fencing section having size 2045 mt height from ground level and 1.2 mt width by using angle iron size 50 x50 x6 mm erected in cc foundation 15 x15x40 cm deep. The section of the frame shall be fitted with flat iron support of size 25 x 6 mm on top, bottom and mid-way and chain link Jolley of 3.26 mm dia /10 SWG GI hard wire mesh of 50 x50 mm to the angle iron at every distance of 30 cm , by iron studs complete duly painted with one coat of red oxide and 2 coats of aluminum paint,	1 No	As per DATA

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
431		ELEC-6.5.17	Supply and erecting double leaf hinged door each 150 cm in width and 180 cm in height using 40 mm dia B grade ISI mark GI pipe from all 4 sides with necessary bends and cross supports of angle iron 45 X45 X5 mm with the door leaf covered with chain links Jolley 50 X 50 mm made from 3.26 mm dia/10 SWG Gi wire with necessary flat iron covering all round with necessary no of spikes of size 10 mm dia at top and bottom at 150 mm apart to match the height of fencing. The door shall have latches and side channel of 100 X50 X5 mm rigidly welded for providing locking arrangement Godrej/ Navtal make medium size lock with duplicate keys, fencing completely erected and painted with anti-corrosive red oxide paint and 2 coats of prescribed enamel paint/silver paint. The Channel iron of size 150X75 mm by 2.5 mtr long shall be provided and erected at both sides of gate.	1 No	As per DATA
432		ELEC-6.5.18	Supply and erecting 50 X50X6 mm angle iron corner support 0.5 mt way from the fence supports fixed at the middle fencing frame and other side in cc foundation 15 X15X 40 cm complete duly painted with 1 coat of red oxide and 2 coats of aluminum paint.	1 No	As per DATA
433		ELEC-6.5.19	Providing and spreading HBG metal of size 40 mm size for 100 mm depth above the ground level.		As per DATA
434	MAT-05548	ELEC-6.5.20	Providing transformer plinth 1.2 x 1.2 x 1.5 mtr in size with necessary excavation in ground at the bottom with 150mm thick 1:2:4 cement concrete raft at the bottom and top and 225mm thick wall constructed in stone masonry and remaking hallow portion shall be filled with stone chips duly plastered 20mm thick outsides including watering etc., complete.	1 No	12100
435	MAT-05549	ELEC-6.5.21	Providing CTPT plinth 600mm x 600mm x 2.1 mtr in size with necessary excavation in ground at the bottom with 150mm thick 1:2:4 cement concrete raft at the bottom and top duly plastered 20mm thick outsides including watering etc., complete.	1 No	7260

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		6.6	**LIGHTENING PROTECTIVE SYSTEM**		
			Advanced LPS		
436	MAT-05550	ELEC-6.6.1 a	Supply of ESE Air Terminal of external wide area of protection system based on proactive **Early Steamer Emission (ESE) Technology manufactured in accordance with NFC 17-102:2011**, is made of high-quality, non-corrosive and weather resistant XL-304 Stainless Steel Having triggering advance □t = **30µs**, Protection Radius ranging from **48 Meters in Level-I to 71 Meters in Level-IV when** installed on a 5 Meters Mast. ESE terminal is capable to withstand Current Impulses of 40kA (5 Shots of 8/20µs wave shape) and having capturing rod dia of 25mm. Makes: As per list of recommended brands.	1 No	114950
437	MAT-05551	ELEC-6.6.1 b	Supply of ESE Air Terminal of external wide area of protection system based on proactive **Early Steamer Emission (ESE) Technology manufactured in accordance with NFC 17-102:2011,** is made of high-quality, non-corrosive and weather resistant XL-304 Stainless Steel Having triggering advance □t = **50µs,** Protection Radius ranging from **68 Meters in Level-I to 95 Meters in Level-IV** when installed on a 5 Meters Mast. ESE terminal is capable to withstand Current Impulses of 40kA (5 Shots of 8/20µs wave shape) and having capturing rod dia of 25mm. Makes: As per list of recommended brands.	1 No	121000
438	MAT-04117	ELEC-6.6.1 c	Supply of ESE Air Terminal of external wide area of protection system based on proactive **Early Steamer Emission (ESE) Technology manufactured in accordance with NFC 17-102:2011,** is made of high-quality, non-corrosive and weather resistant XL-304 Stainless Steel Having triggering advance □t = **60µs,** Protection Radius ranging from **79 Meters in Level-I to 107 Meters in Level-IV** when installed on a 5 Meters Mast. ESE terminal is capable to withstand Current Impulses of 40kA (5 Shots of 8/20µs wave shape) and having capturing rod dia of 25mm. Makes: As per list of recommended brands.	1 No	137940

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
439	MAT-04118	ELEC-6.6.2	Installation and commissioning of advanced lighting protection systems which includes: 1. Laying of CC Bed 2. Installation of Lighting Rod 3. Laying of Down conductor 4. Installation of Counter 5. Installation of GI Mast with stay wire. 6. Termination of down conductor to earth bus etc complete.	1 No	35090
440	MAT-04119	ELEC-6.6.3	Supply of 6 Digit Electronic/Mechanical counter Makes: As per list of recommended brands.	1 No	18150
441	MAT-04120	ELEC-6.6.4	Supply of G.I mast of 5 Meters length, 50 mm Dia, with FRP Collar (Insulating Bush) Base Plate & Complete Fitting Accessories with Supporting Guy Wire (Stay Wires) and all fitting accessories	1 Set	7260
442	MAT-04122	ELEC-6.6.5	Supply and Installation of IEC 62561-7 compliant Eco-friendly, Maintenance free, anti-corrosive, lead-free, super conductive, mineral based high-grade earthing compound, to enhance soil conductivity. With resistance <0.12 ohms-meter, Sulphur Free, should be tested as per IEC-62561-7 for resistance Toxic Elements, Leachable elements etc. 25 Kg Bag Makes: As per list of recommended brands.	1 No	2662
443	MAT-04123	ELEC-6.6.6	Supply of Bentonite Moisture Retaining Powder 30 Kg Bag	1 No	206
444	MAT-04124	ELEC-6.6.7	Supply of Concrete Earth Pit of Dimensions: Width: 320 mm, Length: 320 mm, Height: 192mm, Weight 30 Kgs, Load bearing Capacity: 5000 Kgs	1 No	1815
			CONVENTIONAL LPS AS PER IS/IEC 62305		
			Air Terminal		
445	MAT-04125	ELEC-6.6.8	Supply, installation, testing and commissioning of 8 mm Aluminum Round Conductor complete as per requirements of DIN EN 50164-2 (VDE 0185 part 202) & VDE 0185-305 (IS/IEC 62305)	1 RM	109

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
446	MAT-04126	ELEC-6.6.9	Supply, installation, testing and commissioning of Roof conductor holder for parapet- Polyamide Conductor holder: With M8 female thread or diameter 7mm, M8 Screw to connect the conductor holder. Weather and temperature resistant from -35 to +90 degree Celsius tested. Conductor holder @ 1 meter distance	each	61
447	MAT-04127	ELEC-6.6.10	Supply, installation, testing and commissioning of Polyamide roof cable holder for flat roof: DIN 48829 Form B1. Closed form with bottom. Filling weight 1Kg (frost-resistant concrete). Sleeve from polyethylene, black @ 1 meter distance.	each	157
448	MAT-04128	ELEC-6.6.11	Supply, installation, testing and commissioning of Fang Fix Junior system - Inclusive of Al interception rod of 1Mtr length (10mm dia), Quick mounting of the interception rod in the base using plug technology	each	1997
449	MAT-04129	ELEC-6.6.12	Supply, installation, testing and commissioning of cross universal connector: For T and cross connection, to route vertical down conductor /mesh formation made of hot dipped galvanized iron with necessary screws etc as required. Installed with 4 hexagonal bolts M8*25 with M8 hexagonal nuts	each	160
450	MAT-04130	ELEC-6.6.13	Supply, installation, testing and commissioning of expansion piece with connector: For equalizing temperature related length changes. Necessary on conductors of length over 20 meters. For round conductor Rd 8/ALU connector: For T cross and parallel connectors. Quick installation using hexagonal bolt M10X30 high-grade hot dip galvanized. Confirms to the requirements according to DIN VDE 0185-305 (IS-IEC 2305)(2nos/expansion piece).	each	479
			DOWN CONDUCTOR		
451	MAT-04131	ELEC-6.6.14	Supply, installation, testing and commissioning of 8 mm Aluminum Round Conductor complete as specified in drawing & meets the requirements of DIN EN 50164-2 (VDE 0185 part 202) & VDE 0185-305 (IS/IEC 62305)	1 RM	109
452	MAT-04132	ELEC-6.6.15	Supply, installation, testing and commissioning of Roof conductor holder for parapet- Polyamide Conductor holder: With M8 female thread or	each	61

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			diameter 7mm, M8 Screw to connect the conductor holder. Weather and temperature resistant from -35 to +90 degree Celsius tested. Conductor holder @ 1 meter distance		
453	MAT-04133	ELEC-6.6.16	Supply, installation, testing and commissioning of Test Joint (Folding Clamp) suitable to connect 8mm round conductor and max by 30x3 mm GI strip as specified in drawing and directed by Engineer	each	375
454	MAT-04134	ELEC-6.6.17	Supply, installation, testing and commissioning of Lightning counter - To count no of lightning strike & it can record the date and time of the lightning incident also tested as per IEC 62561-6.	each	19965
		6.7	**EARTHING**		
455	MAT-04135	ELEC-6.7.1	Providing earth electrode of low carbon steel rod, UL listed of 17.2 mm dia, 3 Mtr long, coated with copper of 254 microns thickness, CPRI tested for short time current withstand test of 25 kA, coating thickness, environmental test (Salt Mist Test), Bend test, Tensile strength, Yield / tensile ratio, Electrical Resistivity test, complete with clamps and 2 bags of (Earth plus ULTRA /TIRUMALA) high grade earthing compound IEC 62561-7 complaint Eco-friendly, Maintenance free, anti-corrosive, lead-free, super conductive, mineral based high-grade earthing compound, to enhance soil conductivity. With resistance <0.20 ohms-meter, should be leach proof & Sulphur free complete with earth inspection chamber of dimensions: width: 320 mm x 320 mm, Height : 192 mm, weight : 30 Kgs, Load bearing capacity : 5000 Kgs	1 No	11495
456	MAT-04136	ELEC-6.7.2	Providing earthling as per IS 3043 with perforated 3 mtr long 40 mm dia B class GI pipe including all accessories like nuts bolts reducer, nipple, wire meshed funnel and CC finished chamber covered with hinged type with CI cover, CI frame of size 300 X 300 mm and embodying the pipe complete with alternate layers of salt and coke /charcoal/bentonite powder testing earth resistance as required etc., complete	1 No	As per DATA

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
457	MAT-04137	ELEC-6.7.3	Providing earthling as per IS 3043 with GI earth plate of size 600 x600 x 6 mm by embodying 3 to 4 mtr below the ground level with 40 mm dia GI B class perforated pipe including all including all accessories like nuts bolts reducer, nipple, wire meshed funnel and CC finished chamber covered with hinged type with CI cover ,CI frame of size 300 X 300 mm and embodying the pipe complete with alternate layers of salt and coke /charcoal/bentonite powder testing earth resistance as required etc., complete	1 No	As per DATA
458	MAT-04138	ELEC-6.7.4	Providing earthing as per IS 3043 with copper earth plate of size 600 x 600 x 3.15 mm by embodying 3 to 4 mtr below the ground level with 40mm dia 'B' Class G.I Pipe by excavating a pit to a depth of 3 to 4 Mtr in all soils for Sophisticated Electronic equipment as per National Electric Code and earth connection from electrode Copper strip of 25mm x 5mm x 200mm length to be bolted with nut bolts to G.I. pipe including 25mm x 3mm copper strip of 6Mtrs length connected from plate to Copper strip including filling with 20Kg Salt and 40Kg Charcoal or 40Kg bentonite powder including all accessories like nuts bolts reducer, nipple, wire meshed funnel and CC finished chamber covered with hinged type with CI cover ,CI frame of size 300 X 300 mm ,testing earth resistance as required etc., complete	1 No	As per DATA
459	MAT-04139	ELEC-6.7.5	Providing independent earthing for Important equipment with 100mm dia Heavy gauge C.I (Cast iron) pipe with Flange 2.5m long enclosed in C.C/ brick masonry chamber of 450m x 450m x 400mm with R.C.C. Slab cover duly providing staggered holes filling with salt and charcoal from the bottom of the pipe giving earth connection from electrode through G.I strip of 40 x 6mm x 200mm length with all accessories and labour charges complete, as per IS specifications 732/1982 (Part II)	1 No	9075

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
460		ELEC-6.7.6	PROVIDING OF INDEPENDENT CHEMICAL EARTHING AFTER EXCAVATING AN EARTH PIT. THE EARTH ELECTRODES, 50MM DIA, WALL THICKNESS, 3.25MM, 3 MTR LONG GALVANIZED GI PIPE, STRIP IN PIPE SYSTEM FITTED WITH 40X6X3100MM GI STRIP FROM TOP TO BOTTOM, TERMINAL HOLE OF 12MM, PIPE FILLED WITH CONDUCTIVE CRYSTALLINE COMPOUND ,INCLUDING 2 BAG OF EARTH LIFE COMPOUND (25 KGS EACH) AS PER IS 3043. with earth inspection chamber of dimensions: Width :320 mm x 320 mm, Height: 192 mm, Weight: 30 Kgs, Load bearing capacity: 5000 Kgs including drilling of bore in any kind of soil.	1 No	8955
461		ELEC-6.7.7	PROVIDING OF INDEPENDENT CHEMICAL EARTHING AFTER EXCAVATING AN EARTH PIT. THE EARTH ELECTRODES, 50MM DIA, WALL THICKNESS, 3.25MM, 3 MTR LONG COPPER BONDED (250 MICRONS) MS PIPE, STRIP IN PIPE SYSTEM FITTED WITH 40X6X3100MM COPPER BONDED STRIP FROM TOP TO BOTTOM, TERMINAL HOLE OF 12MM, PIPE FILLED WITH CONDUCTIVE CRYSTALLINE COMPOUND, INCLUDING 2 BAG OF EARTH LIFE COMPOUND (25 KGS EACH) AS PER IS 3043. with earth inspection chamber of dimensions: Width: 320 mm x 320 mm, Height: 192 mm, Weight: 30 Kgs, Load bearing capacity: 5000 Kgs including drilling of bore in any kind of soil.	1 No	9675
462		ELEC-6.7.8	PROVIDING OF INDEPENDENT CHEMICAL EARTHING AFTER EXCAVATING AN EARTH PIT. THE EARTH ELECTRODES, 50MM DIA, WALL THICKNESS, 1.8MM, 3 MTR LONG PURE COPPER PIPE, STRIP IN PIPE SYSTEM FITTED WITH 40X6X3100MM PURE COPPER STRIP FROM TOP TO BOTTOM, TERMINAL HOLE OF 12MM, PIPE FILLED WITH CONDUCTIVE CRYSTALLINE COMPOUND, INCLUDING 2 BAGS OF EARTH LIFE COMPOUND (25 KGS EACH) AS PER IS 3043. with earth inspection chamber of dimensions: Width: 320 mm x 320 mm, Height: 192 mm, Weight: 30 Kgs, Load bearing capacity:	1 No	17865

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			5000 Kgs including drilling of bore in any kind of soil.		
			EARTH CONDUCTORS		
463		ELEC-6.7.9	Supply and laying of following sizes Earth wire/Strip in horizontal /Vertical run in Ground/surface/Recess including, riveting, soldering, saddles, making connection etc as required		
	MAT-04140	a	6 SWG Copper wire (0.16 Kgs/1 Mtr)	1 Mtr	175
	MAT-04141	b	8 SWG Copper wire(0.1155Kgs/1Mtr)	1 Mtr	127
	MAT-04142	c	10 SWG Copper wire(0.075Kgs/1Mtr)	1 Mtr	83
	MAT-04143	d	6 SWG GI wire (0.192 Kgs/Mtr)	1 Mtr	18
	MAT-04144	e	8 SWG GI wire(0.104Kgs/1Mtr)	1 Mtr	12
	MAT-04145	f	10 SWG GI wire(0.067Kgs/1Mtr)	1 Mtr	5
	MAT-04146	g	20mm x 3mm Copper Flat(0.529Kgs/1Mtr)	1 Mtr	583
	MAT-04147	h	25mm x 3mm Copper Flat (0.663Kgs/1Mtr)	1 Mtr	730
	MAT-04148	i	32 mm x 6mm Copper Flat (1.9 Kgs/Mtr)	1 Mtr	2092
	MAT-04149	j	50 mm x 6mm Copper Flat (2.680Kgs/1Mtr)	1 Mtr	2952
	MAT-04150	k	25mm x 3mm GI Flat (0.656 Kgs/Mtr)	1 Mtr	63
	MAT-04151	l	25mm x 6mm GI Flat (1.18Kgs/1Mtr)	1 Mtr	112
	MAT-04152	m	32 mm x 6mm GI Flat (1.6 kgs/Mtr)	1 Mtr	158
	MAT-04153	n	50 mm x 6mm GI Flat (2.5 Kgs/mtr)	1 Mtr	239

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			SECTION 7		
		7.0	**LOCAL AREA NETWORK**		
464		ELEC-7.1.1	Supply, laying ,testing and commissioning of 4-pair, Cat6 Solid (Third party ETL Intertek tested up to 600 MHZ) to support 1Gbps with Cross (+) filler pair separator & PVC sheath 23 AWG, STP/UTP Cable , Meets or exceeds ANSI/TIA-568.2-D and UL Listed &RoHS Compliant in the existing raceways /PVC conduits including making connections to information outlets and patch panels with ferruling at both ends for identification with necessary tools for punching stripping crimping and testing required etc., complete. Makes: As per list of recommended brands as Category I.		
	MAT-04154	a	6 UTP cable	RM	54
	MAT-05553	b	6 STP cable	RM	84
465	MAT-04155	ELEC-7.1.2	Supply installation testing and commissioning of 2nos of Cat6 Tool less built-in crimping mechanism Information Outlet with Dust Cover Exceed ANSI/TIA-568.2-D and ISO/IEC 11801 standards with 2module face plate for Category 6 component performance & Compatible to T568A,T568B wiring pattern and UL-940V0 Rated Plastic &RoHS Compliant Makes: As per list of recommended brands as Category I.	each	1050
466	MAT-04156	ELEC-7.1.3	Supply installation testing and commissioning of1no of Cat6 Tool less built-in crimping mechanism Information Outlet with Dust Cover Exceed ANSI/TIA-568.2-D and ISO/IEC 11801 standards with 1module face plate for Category 6 component performance & Compatible to T568A, T568B wiring pattern and UL-940V0 Rated Plastic &RoHS Compliant Makes: As per list of recommended brands as Category I.	each	520

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
467		ELEC-7.1.4	Supply installation testing and commissioning of 4 pair 23AWG Cat-6 UTP, flexible, double ended LSZH patch cords along with 2 nos of RJ 45 connectors with strain relief boots Compatible to T568A,T568Bspecifications including making connections to information outlets. Makes: As per list of recommended brands as Category I.		
	MAT-04157	a	1 mtr / 3 ft	each	278
	MAT-04158	b	2 mtr /7 ft	each	328
	MAT-04159	c	3 mtr /10 ft	each	377
468	MAT-04160	ELEC-7.1.5	Supply installation testing and commissioning of LC Pigtails LSZH 1mtr for fiber core connectivity Makes: As per list of recommended brands as Category I.		
		a	Single Mode	each	290
		b	Multi Mode	each	360
469	MAT-04161	ELEC-7.1.6	Supply installation testing and commissioning of SC Pigtails LSZH 1mtr for fiber core connectivity. Makes: As per list of recommended brands as Category I.		
		a	Single Mode	each	405
		b	Multi Mode	each	494
470	MAT-04162	ELEC-7.1.7	Supply installation testing and commissioning of LC Pigtails LSZH 2mtr for fiber core connectivity. Makes: As per list of recommended brands as Category I.		
		a	Single Mode	each	315
		b	Multi Mode	each	373
471	MAT-04163	ELEC-7.1.8	Supply installation testing and commissioning of SC Pigtails LSZH 2mtr for fiber core connectivity. Makes: As per list of recommended brands as Category I.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		a	Single Mode	each	420
		b	Multi Mode	each	520
472		ELEC-7.1.9	Supply installation testing and commissioning of **Indoor** Multimode [62.5/125um] glass Fiber Optic Cable as per latest amendments of TIA /EIA 568.3-D, GR 409 CORE / UL listed NEC 770 Standards in existing raceways/ PVC Conduits/ slotted channels including making Terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as Category I.		
	MAT-04164	a	4 fiber		105
	MAT-04165	b	6 fiber		132
	MAT-04166	c	12 fiber		231
473		ELEC-7.1.9A	Supply installation testing and commissioning of Indoor Single mode [9/125um] glass Fiber Optic Cable as per latest amendments of TIA /EIA 568.3-D, GR 409 CORE / UL listed NEC 770 Standards in existing Raceways/PVC Conduits/ slotted channels including making Terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required Makes: As per list of recommended brands as Category I.		
			4 fiber		99
			6 fiber		121
			12 fiber		165
474		ELEC-7.1.10	Supply installation testing and commissioning Outdoor**,** steel tape armoured multimode [62.5/125um] glass Fiber Optic Cable as per latest amendments of TIA /EIA 568.3-D, GR 20 CORE/ UEC 794-1/ EN 187000 Standards in existing MSPVC Conduits/ hume pipe including making terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as Category I.		
	MAT-04167	a	4 fiber		119
	MAT-04168	b	6 fiber		146

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04169	c	12 fiber		242
475		ELEC-7.1.10 A	Supply installation testing and commissioning Outdoor, steel tape armoured Single mode [9/125um] glass Fiber Optic Cable as per latest amendments of TIA /EIA 568.3-D, GR 20 CORE/ UEC 794-1/ EN 187000 Standards in existing MSPVC Conduits/ hume pipe including making terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required Makes: As per list of recommended brands as Category I.		
			4 fiber		101
			6 fiber		127
			12 fiber		171
476	MAT-04170	ELEC-7.1.11	Supply, Installation and Testing and commissioning of **indoor** 1 pair multimode [62.5/125um] glass Fiber Optic Patch Cords of One mtr length as per latest amendments of TIA /EIA 568.3-D and IEC 60794 Standard Specifications including ST II / SC/FC/MT/ PC connectors at both ends as per requirements. Makes: As per list of recommended brands as Category I.	mtr	1800
477		ELEC-7.1.11A	Supply, Installation and Testing and commissioning of indoor 1 pair Singlemode [9/125um] glass Fiber Optic Patch Cords of One mtr length as per latest ammendments of TIA/EIA 568.3-D and IEC 60794 Standard Specifications including ST II / SC/FC/MT/PC connectors at both ends as per requirements Makes: As per list of recommended brands as Category I.	mtr	1790
478		ELEC-7.1.12	Supply, Installation Testing and commissioning of 19 " Rack mounted/surface mounted aluminum / CRS powder coated multimode glass Fiber Optic Cable Patch panel/ LIU along with cable tray/ fiber management system , adapters for ST II/ SC/FC/MT/PC/LC connections including making connections to active / passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as Category I.		
	MAT-04171	a	8 Ports	1 No	7334

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04172	b	12 Ports	1 No	9601
	MAT-04173	c	24 Ports	1 No	18169
	MAT-04174	d	36 Ports	1 No	20535
479		ELEC-7.1.12 A	Supply, Installation Testing and commissioning of 19 " Rack mounted/surface mounted aluminum / CRS powder coated Single mode glass Fiber Optic Cable Patch panel/ LIU along with cable tray/ fiber management system , adapters for ST II/ SC/FC/MT/PC/LC connections including making connections to active / passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as Category I.		
		a	8 Ports	1 No	7334
		b	12 Ports	1 No	9601
		c	24 Ports	1 No	18169
		d	36 Ports	1 No	20535
480		ELEC-7.1.13	Supply, Installation, Testing and Commissioning of Rack mounted 19", Cat 6 UTP,1.5-1.6 MM CRS chasis, powder coated Modular Patch Panels with collapsible shutters on jacks to support latest amendments of TIA / EIA Cat 6 Specifications in Existing Communication Rack along with necessary connections of Cat 6 UTP Cables, With Rear Cable management trays and clamps. Makes: As per list of recommended brands as Category I.		
	MAT-04175	a	6 Ports	1 No	4138
	MAT-04176	b	12 Ports	1 No	5136
	MAT-04177	c	18 Ports	1 No	6420
	MAT-04178	d	24 Ports	1 No	7847

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
481		ELEC-7.1.14	Supply, Installation, Testing and Commissioning of Wall mounted Communication rack in one section with glass doors, swing handles, lock, Top and Bottom Cable entries, supports for mounting rack on wall, Cable managers, Fan tray with 2 x 230 Volt fans, Equipment mounting hardware, wire managers, power supply box for supplying power to hubs, fans etc., along with earth continuity kit, MCB, indicator, moulded power supply cable, Blank panels, sliding shelves etc. Makes: As per list of recommended brands as Category I.		
	MAT-04179	a	6 U(44 mm) wall mounted	1 No	9544
	MAT-04180	b	9 U(44 mm) wall mounted	1 No	11292
	MAT-04181	c	12 U(44 mm) wall mounted	1 No	11437
	MAT-04182	d	15 U(44 mm) wall mounted	1 No	12636
482		ELEC-7.1.15	Supply, Installation, Testing and Commissioning of Floor mounted communication rack in on Section with glass doors, swing handles, lock on both doors, Top and Bottom Cable entries with gland plates, Castor with brakes , 7 no Cable managers, 1 no Fan tray with 2 x 230 Volt fans, Equipment mounting hardware, wire managers, power supply box for supplying power to hubs, fans etc., along with earth continuity kit, MCB, indicator, moulded power supply cable, Blank panels of 1u / 2 u, sliding shelves. Frame of communication rack should be made of heavy grade Aluminum profile PS grey painted and panels should be made from CRCA steel 18 SWG RS Beige painted. Makes: As per list of recommended brands as Category I.		
	MAT-04183	a	22 U (44 mm) Floor Standing Rack	1 No	41387
	MAT-04184	b	27 U (44 mm) Floor Standing Rack	1 No	48562
	MAT-04185	c	36 U (44 mm) Floor Standing Rack	1 No	66809
	MAT-04186	d	42 U (44 mm) Floor Standing Rack 800WX1000D	1 No	70116

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			MANAGEBLE NET WORK SWITCHES		
483	MAT-04187	ELEC-7.1.16	Supply, Installation, Testing and Commissioning of Small Business 24 port Gigabit Managed Switch. Makes: As per list of recommended brands as Category I.	1 No	30600
484	MAT-04188	ELEC-7.1.17	Supply, Installation, Testing and Commissioning of Small Business 48 port Gigabit Managed Switch. Makes: As per list of recommended brands as Category I.	1 No	76000
485	MAT-04189	ELEC-7.1.18	Supply & Fixing of small business 8 port Gigabit POE Managed Switch. Makes: As per list of recommended brands as Category I..	1 No	25200
486	MAT-04190	ELEC-7.1.19	Supply & Fixing of small business 24 port Gigabit POE Managed Switch. Makes: As per list of recommended brands as Category I.	1 No	45900
487	MAT-04191	ELEC-7.1.20	Supply, Installation, Testing and Commissioning of Small Business 24 port Gigabit Managed Switch Makes: As per list of recommended brands as Category I..	1 No	deleted
488	MAT-04192	ELEC-7.1.21	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 24T-4G-L 24GE port, 10/100/1000 4X 1G SFP Uplink Ports, LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I..	1 No	68773
489	MAT-04193	ELEC-7.1.22	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 48T-4G-L 48GE port, 10/100/1000 4 X1 G SFP Uplink Ports LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I..	1 No	113400
490	MAT-04194	ELEC-7.1.23	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 24P-4G-L 24**GE port**, **POE** 10/100/1000 4 X 1G SFP Uplink LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I.	1 No	114300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
491	MAT-04195	ELEC-7.1.24	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 48P-4G-L 48**GE port**, **POE** 10/100/1000 4 X 1G SFP Uplink LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I.	1 No	1,82,700
492	MAT-04196	ELEC-7.1.25	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 Plus **24 port, GigE** LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I.	1 No	Deleted
493	MAT-04197	ELEC-7.1.26	Supply, Installation, Testing and Commissioning of **Layer2**, Catalyst 1000 Plus **48 port, GigE** LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I.	1 No	Deleted
494	MAT-04198	ELEC-7.1.27	Supply & Fixing of **WIFI Access point** with mounting accessories etc., complete. Makes: As per list of recommended brands as Category I.	1 No	32175
495		ELEC-7.1.28	Supply, Installation, Testing and Commissioning of **Layer3**, Catalyst 9300L-24T-4G-E 24 GE port, 10/100/1000 4 X 1G SFP Uplink ports LAN base Manageable Network switch. Makes: As per list of recommended brands as Category I.	1 No	6,10,900
496		ELEC-7.1.29	Supply, Installation, Testing and Commissioning of 1G SFP Long Range (Single) Module up to **10KM** - Makes: As per list of recommended brands as Category I.	1 No	23000
			Category II		
497		ELEC-7.1.30	Supply, laying ,testing and commissioning of 4-pair, Cat6 Solid Performance verified up to 450 MHZ. support 1Gbps with Cross (+) filler pair separator & FRPVC sheath 23 AWG, STP/UTP Cable , Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 11801-1 UL Listed &RoHS Compliant in the existing raceways /PVC conduits including making connections to information outlets and patch panels with ferruling at both ends for identification with necessary tools for punching stripping crimping and testing required etc., complete. Makes: As per list of recommended brands as category II.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			6 UTP cable	RM	41
			6 STP cable	RM	65
498		ELEC-7.1.31	Supply installation testing and commissioning of 2nos of Cat6 Unshielded RJ45 Keystones Jack Punchdown Type with Collapsable Door Exceed ANSI/ TIA-568.2-D and ISO/IEC 11801 standards with 2module face plate for Category 6 component performance & Compatible to T568A,T568B wiring pattern and UL-940V0 Rated Plastic &RoHS Compliant Makes: As per list of recommended brands as category II.	Each	630
499		ELEC-7.1.32	Supply installation testing and commissioning of1no of Cat6 Unshielded RJ45 Keystones Jack Punchdown Type with Collapsable Door Exceed ANSI/ TIA-568.2-D and ISO/IEC 11801 standards with 1module face plate for Category 6 component performance & Compatible to T568A, T568B wiring pattern and UL-940V0 Rated Plastic &RoHS Compliant Makes: As per list of recommended brands as category II.	Each	360
500		ELEC-7.1.33	Supply installation testing and commissioning of 4 pair 24AWG Cat-6 UTP, flexible, double ended patch cords LSZH along with 2 nos of RJ 45 connectors with strain relief boots Compatible to T568A, T568B specifications including making connections to information outlets Makes: As per list of recommended brands as category II.		
			1 mtr / 3 ft pacth cord	Each	208
			2 mtr /7 ft patch cord	Each	245
			3 mtr /10 ft patch cord	Each	284
501		ELEC-7.1.34	Supply installation testing and commissioning of LC Pigtails LSZH 1mtr for fiber core connectivity Makes: As per list of recommended brands as category II.		
			Single Mode	Each	217

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Multi Mode	Each	270
502		ELEC-7.1.35	Supply installation testing and commissioning of SC Pigtails LSZH 1mtr for fiber core connectivity. Makes: As per list of recommended brands as category II.		
			Single Mode	Each	303
			Multi Mode	Each	370
503		ELEC-7.1.36	Supply installation testing and commissioning of LC Pigtails LSZH 2mtr for fiber core connectivity. Makes: As per list of recommended brands as category II.		
			Single Mode	Each	236
			Multi Mode	Each	280
504		ELEC-7.1.37	Supply installation testing and commissioning of SC Pigtails LSZH 2mtr for fiber core connectivity. Makes: As per list of recommended brands as category II.		
			Single Mode	Each	315
			Multi Mode	Each	390
505		ELEC-7.1.38	Supply installation testing and commissioning of Indoor Multimode [62.5/125um] glass Fiber Optic Cable HDPE as per latest amendments of TIA /ANSI/ 568.3-D, GR 20 CORE / UL listed NEC 770 Standards in existing raceways/ PVC Conduits/ slotted channels including making Terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			4 fiber	Each	79
			6 fiber	Each	95
			12 fiber	Each	132
506		ELEC-7.1.39	Supply installation testing and commissioning of Indoor Single mode [9/125um] glass Fiber Optic Cable HDPE as per latest amendments of TIA /ANSI/ 568.3-D, GR 20 CORE / UL listed NEC 770 Standards in existing raceways/ PVC Conduits/ slotted channels including making Terminations to active passive equipment with ferruling at both ends for		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			4 fiber	Each	72
			6 fiber	Each	88
			12 fiber	Each	121
507		ELEC-7.1.40	Supply installation testing and commissioning Outdoor, steel tape armoured multimode[62.5/125um] glass Fiber Optic Cable HDPE as per latest amendments of TIA /EIA 568.3-D, GR 20 CORE/ UEC 794-1/ EN 187000 Standards in existing MSPVC Conduits/ hume pipe including making terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			4 fiber	Each	88
			6 fiber	Each	99
			12 fiber	Each	176
508		ELEC-7.1.41	Supply installation testing and commissioning Outdoor, steel tape armoured Single mode[9/125um] glass Fiber Optic Cable HDPE as per latest amendments of TIA /EIA 568.3-D, GR 20 CORE/ UEC 794-1/ EN 187000 Standards in existing MSPVC Conduits/ hume pipe including making terminations to active passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			4 fiber	Each	75
			6 fiber	Each	91
			12 fiber	Each	127
509		ELEC-7.1.42	Supply, Installation and Testing and commissioning of indoor 1 pair multimode [62.5/125um] glass Fiber Optic Patch Cords of three mtr length as per latest amendments of TIA /EIA 568.3-D and IEC 794 Standard Specifications including ST II / SC/FC/MT/ PC connectors at both ends as per requirements. Makes: As per list of recommended brands as category II.	Each	1300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
510		ELEC-7.1.43	Supply, Installation and Testing and commissioning of indoor 1 pair Single mode [9/125um] glass Fiber Optic Patch Cords of three mtr length as per latest amendments of TIA /EIA 568.3-D and IEC 794 Standard Specifications including ST II / SC/FC/MT/ PC connectors at both ends as per requirements. Makes: As per list of recommended brands as category II.	Each	1250
511		ELEC-7.1.44	Supply, Installation Testing and commissioning of 19 " Rack mounted/surface mounted aluminum / Black matt powder coated multimode glass Fiber Optic Cable Patch panel/ along with cable tray/ fiber management system , adapters for ST II/ SC/LC /MT/PC /LC connections including making connections Cable management rings are used to ensure flexibility of pigtails and excess fibers to active / passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			8 Ports	Each	5500
			12 Ports	Each	7200
			24 Ports	Each	8260
			36 Ports	Each	10400
512		ELEC-7.1.45	Supply, Installation Testing and commissioning of 19 " Rack mounted/surface mounted aluminum / Black matt powder coated Single mode glass Fiber Optic Cable Patch panel/ along with cable tray/ fiber management system , adapters for ST II/ SC/LC /MT/PC connections including making connections Cable management rings are used to ensure flexibility of pigtails and excess fibers to active / passive equipment with ferruling at both ends for identification with necessary tools for Terminations and testing required. Makes: As per list of recommended brands as category II.		
			8 Ports	Each	5500
			12 Ports	Each	7200

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			24 Ports	Each	8260
			36 Ports	Each	10400
513		ELEC-7.1.46	Supply, Installation, Testing and Commissioning of Rack mounted 19", UTP Patch Panel is a elegant design patch panel. The panel has two-piece structure design combined with both 24-port panel and cable management. The panel has 180-degree punch down design for convenient network terminations. The panels cable management shelf ensures proper routing of cables with proper bend radius compliance to avoid strain relief. Exceeds ANSI/TIA-568.2-D Standard and supports 1000-Base-T. and clamps. Makes: As per list of recommended brands as category II.		
			6 Ports	Each	3100
			12 Ports	Each	3850
			18 Ports	Each	4500
			24 Ports	Each	4800
514		ELEC-7.1.47	Supply, Installation, Testing and Commissioning of Wall mounted Communication rack in one section with glass doors, swing handles, lock, Top and Bottom Cable entries, supports for mounting rack on wall, Cable managers, Fan tray with 2 x 230 Volt fans, Equipment mounting hardware, wire managers, power supply box for supplying power to hubs, fans etc., along with earth continuity kit, MCB, indicator, moulded power supply cable, Blank panels, sliding shelves etc. Makes: As per list of recommended brands as category II.		
			6 U(44 mm) wall mounted	Each	8591
			9 U(44 mm) wall mounted	Each	10155
			12 U(44 mm) wall mounted	Each	10293
			15 U(44 mm) wall mounted	Each	11374
515		ELEC-7.1.48	Supply, Installation, Testing and Commissioning of Floor mounted communication rack in one section with glass doors, swing handles, lock on both doors, Top and Bottom Cable entries with gland plates, Castor with brakes , 7 no Cable managers, 1 no Fan tray with 2 x 230 Volt fans, Equipment mounting hardware, wire managers, power supply box for supplying power to hubs, fans etc., along with earth continuity kit, MCB,		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			indicator, moulded power supply cable, Blank panels of 1u / 2 u, sliding shelves. Frame of communication rack should be made of heavy grade Aluminum profile PS grey painted and panels should be made from CRCA steel 18 SWG RS Beige painted Makes: As per list of recommended brands as category II.		
			22 U (44 mm) Floor Standing Rack	Each	35200
			27 U (44 mm) Floor Standing Rack	Each	41800
			36 U (44 mm) Floor Standing Rack	Each	57200
			42 U (44 mm) Floor Standing Rack	Each	60360
			MANAGEBLE NET WORK SWITCHES		
516		ELEC-7.1.49	Supply, Installation, Testing and Commissioning of Small Business 24 port Gigabit Managed Switch. Makes: As per list of recommended brands as category II.	1 No	20360
517		ELEC-7.1.50	Supply, Installation, Testing and Commissioning of Small Business 48 port Gigabit Managed Switch. Makes: As per list of recommended brands as category II.	1 No	41000
518		ELEC-7.1.51	Supply & Fixing of small business 8 port Gigabit POE Managed Switch. Makes: As per list of recommended brands as category II.	1 No	18599
519		ELEC-7.1.52	Supply & Fixing of small business 24 port Gigabit POE Managed Switch. Makes: As per list of recommended brands as category II.	1 No	27000
520		ELEC-7.1.53	Supply, Installation, Testing and Commissioning of Layer2, 24GE port 10/100 /1000 + 4 1/10G SFP Uplink Ports, LAN base Manageable Network switch. Makes: As per list of recommended brands as category II.	1 No	34000
521		ELEC-7.1.54	Supply, Installation, Testing and Commissioning of Layer2, 48GE port 10/100 /1000 + 4 1/10G SFP Uplink Ports, LAN base Manageable Network	1 No	54300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			switch.. Makes: As per list of recommended brands as category II.		
522		ELEC-7.1.55	Supply, Installation, Testing and Commissioning of Layer2, 24GE port POE 10/100 /1000 + 4 1/10G SFP Uplink Ports, LAN base Manageable Network switch. Makes: As per list of recommended brands as category II.	1 No	48340
523		ELEC-7.1.56	Supply, Installation, Testing and Commissioning of Layer2, 48GE port POE 10/100 /1000 + 4 1/10G SFP Uplink Ports, LAN base Manageable Network switch.. Makes: As per list of recommended brands as category II.	1 No	94580
524		ELEC-7.1.57	Supply, Installation, Testing and Commissioning of **Layer3**, 24 GE port, 10/100/1000 4 X 1G SFP Uplink ports LAN base Manageable Network switch. Makes: As per list of recommended brands.	1 No	208978
525		ELEC-7.1.58	Supply & Fixing of **WIFI Access point** with mounting accessories etc., complete. Makes: As per list of recommended brands as category II.	1 No	22500
526		ELEC-7.1.59	Supply, Installation, Testing and Commissioning of 1G SFP Long Range (Single) Module up to **10KM** - Makes: As per list of recommended brands as category II..	1 No	8320
527		ELEC-7.1.60	Supply, Installation, Testing and Commissioning of Small Business 8 port Gigabit Un managed Switch. Makes: As per list of recommended brands as category II.	1 No	9800
528		ELEC-7.1.61	Supply, Installation, Testing and Commissioning of Small Business 16 port Gigabit Un managed Switch. Makes: As per list of recommended brands as category II.	1 No	12700
529		ELEC-7.1.62	Supply, Installation, Testing and Commissioning of Small Business 24 port Gigabit Un managed Switch. Makes: As per list of recommended brands as category II.	1 No	13900
530		ELEC-	Supply and fixing of 8 PoE 10/100/1000 ports + 2	1 No	20520

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		7.1.63	Gigabit SFP ports with 175W Web Smart Switch. Makes: As per list of recommended brands.		
531		ELEC-7.1.64	Supply and fixing of 24 PoE 10/100/1000 ports + 2 Gigabit SFP ports up to 250W Web Smart Switch. Makes: As per list of recommended brands	1 No	31050
532		ELEC-7.1.65	Supply Installation Testing and commissioning of High-Speed HDMI male to male cable of length. Makes: As per list of recommended brands	Each	4500
			5 Mtr	Each	3250
			10 Mtr	Each	6500
			25 Mtr	Each	16250
533		ELEC-7.1.66	Supply, installation, testing and commissioning of Wi-fi router. Makes: As per list of recommended brands.	Nos	5500
534		ELEC-7.1.67	Supply and laying of 2 mtr. HDMI- HDMI Patch Cords. Makes: As per list of recommended brands.	Nos	3800
535		ELEC-7.1.68	Supply and laying of USB Cable Makes: As per list of recommended brands.		
			2 Mtr	Nos	570
			10 Mtr	Nos	1520
536		ELEC-7.1.69	Supply and laying of 2 mtr. VGA-VGA Patch Cords. Makes: As per list of recommended brands.	Nos	4180
			8 Ports SC Type		
			12 Ports SC Type		
			24 Ports SC Type		
		7.2	**RACEWAYS AND JUNCTION BOXES**		
537		ELEC-7.2.1	Supply of ……G I Raceways of 2mm thick with top cover and required hardware etc complete.		
	MAT-04199	a	100mm x 38mm	1 Mtr	549
	MAT-04200	b	150mm x 38mm	1 Mtr	722

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04201	c	300mm x 38mm	1 Mtr	1225
	MAT-04202	d	100mm x 25mm	1 Mtr	510
	MAT-04203	e	150mm x 25mm	1 Mtr	667
	MAT-04204	f	300mm x 25mm	1 Mtr	1201
538		ELEC-7.2.2	Supply of ……..G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.		
	MAT-04205	a	172mm x 52mm	1 No	407
	MAT-04206	b	222mm x 52mm	1 No	516
	MAT-04207	c	372mm x 52mm	1 No	959
		7.3	**COMPUTERS, PRINTERS AND SCANNERS**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
539	MAT-04208	ELEC-7.3.1	Supply, Transportation and installation of Desktop with fully loaded software as desired, with the following configuration. 1. Processor: Intel® Core™ i7-14th Generation or Higher version Processor with Intel® HD Graphics 770 (2.9 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores 20 threads) Intel Q670 Chipset 2. Memory: 16 GB DDR5 or latest-3200 MHz SDRAM 3. Hard drive 512GB SSD (Hard Drive 2 nd 1 TB 7200 SATA HDD) 4. 1 audio line in; 1 audio line out; 1 HDMI; 1 RJ-45; 1 VGA; 4 USB 3.0; 4 USB 2.0 5. Operating Systems: Windows 11 Pro professional 64 bit with product key License. 6. communications (intel Wi-Fi & Blue tooth) 7. Preloaded with latest version of Antivirus Symantec/ McAfee / NOD32 / e-Trust / Avast Internet Security / Kaspersky / Quick heal / eScan / Msecure with following features: Antivirus, Antispyware, intrusion Prevention Browser protection with single management console with 3 year subscription with support updates and patches. 8. Accessories: With required connecting cables and driver media should be supplied. 9. Warranty: 3 Year Standard On-Site Comprehensive Hardware Warranty (including O.S support, Spares- Parts/Service/Labour/On-site) Makes: As per list of recommended brands.	1 No	140000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
540	MAT-04209	ELEC-7.3.2	Supply, Transportation and installation of Desktop with fully loaded software as desired, with the following configuration. 1. Processor: Intel® Core™ i5-14th Generation or Higher version processor with Intel® HD Graphics 770 (2.9 GHz base frequency with Intel® Turbo Boost Technology, 18 MB cache 6 core 12 threads) Intel Chipset 2. Memory: 16 GB DDR5 or latest-3200 MHz SDRAM 3. Hard drive 512GB SSD (Hard Drive 2 nd 1 TB 7200 SATA HDD) 4. 1 audio line in; 1 audio line out; 1 HDMI; 1 RJ-45; 1 VGA; 4 USB 3.0; 4 USB 2.0 5. Operating Systems: Windows 11 Pro professional 64 bit with product key License. However, the product key should be mentioned in the installation report at the time of installation. 6. communications (intel Wi-Fi & Blue tooth) 7. Preloaded with latest version of Antivirus Symantec/ McAfee / NOD32 / eTrust / Avast Internet Security / Kaspersky / Quickheal / eScan / Msecure with following features: Antivirus, Antispyware, intrusion prevention Browser protection with single management console with 3 year subscription with support updates and patches. 8. Accessories: With required connecting cables and driver media should be supplied. 9. Warranty: 3 Year Standard On-Site Comprehensive Hardware Warranty (including O.S support, Spares- Parts/Service/Labour/On-site) Makes: As per list of recommended brands.	1 No	108239

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
541		ELEC-7.3.2 A	Supply, Transportation and installation of Desktop with fully loaded software as desired, with the following configuration. 1. Processor: Intel® Core™ i3-14th Generation or Higher version processor with Intel® HD Graphics 770 (up to 4.7GHz base frequency with Intel® Turbo Boost Technology, 12 MB L3 cache 4 core 8 threads) Intel Chipset 2. Memory: 8 GB DDR5-4800 MHz SDRAM (1 x 8 GB) 3. 512 gb pcle nvme m.2 ssd 4. Realtek Wi-Fi 6 RTL8852BE(2X2) and Bluetooth 5.3 wireless card , universal audio jack with CTIA headset support, audio line-out rear ports(3.5mm),Multistreaming capable 5. Operating Systems: Windows 11 Pro professional 64 bit with product key License. However, the product key should be mentioned in the installation report at the time of installation. 6. Preloaded with latest version of Antivirus Symantec/ McAfee /NOD32 / eTrust / Avast Internet Security / Kaspersky / Quickheal /eScan / Msecure with following features: Antivirus, Antispyware, intrusion prevention Browser protection with single management console with 3 year subscription with support updates and patches. 8. Accessories: With required connecting cables and driver media should be supplied. 9. Warranty: 3 Year Standard On-Site Comprehensive Hardware Warranty (including O.S support, Spares- Parts/Service/Labour/On-site) Makes: As per list of recommended brands.	1 No	69000
542		ELEC-7.3.2 B	Supply, Transportation and installation of All-in-one Desktop with fully loaded software as desired, with the following configuration. 1. Processor: Intel® Core™ Ultra 5 125U 2. Memory: 16 GB DDR5 or latest 3. Hard drive Min.1 TB M.2.NVME SSD 4. Audio-Integrated audio with internal Speakers &microphone 5.Web Camera: Integrated HD Web Camera 6.NIC: Integrated on-board 10/100/1000Mbps NIC or higher	1 No	118728

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			7.Display monitor:27" FHD IPS Display 8.Form factor: All-in-One 9. Operating Systems: Factory pre-loaded MS windows 11 Home and Microsoft office Student. 10. Preloaded with latest version of Antivirus Symantec/ McAfee / NOD32 / e-Trust / Avast Internet Security / Kaspersky / Quick heal / eScan / Msecure with following features: Antivirus, Antispyware, intrusion Prevention Browser protection with single management console with 3 year subscription with support updates and patches. 11. Accessories: With required connecting cables and driver media should be supplied. 12. Warranty: 3 Year Standard On-Site Comprehensive Hardware Warranty (including O.S support, Spares- Parts/Service/Labour/On-site) Makes: As per list of recommended brands.		
543	MAT-04210	ELEC-7.3.3	Supply, Transportation and installation of Printer Features: Print technology Laser Duty cycle (monthly, letter) Up to 5000 pages Recommended monthly page volume 250 to 2000. Duty cycle (monthly, A4) Up to 5000 pages print Print speed black (normal, letter) Up to 33 ppm Print speed black (normal, A4) Up to 14 ppm Duplex printing Manual (driver support provided) PROCESSOR : processor speed 600 MHz PAPER HANDLING Envelope feeder No Paper trays, maximum 1 (plus single-sheet priority input slot) Makes: As per list of recommended brands.	1 No	18900

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
544	MAT-04211	ELEC-7.3.4	Supply, Transportation and installation of All-in-One (Print, Copy, Scan) with duplex, auto document feeder features: -Print Resolution 600 x 600dpi -Print Speed (A4) 33ppm -Auto Duplex Printing Standard -Available Paper Size for Auto Duplex Print A4, Letter, Legal (*1), Indian Legal, Fulllscape -COPY Copy Speed (A4) 27ppm Maximum Number of Copies Up to 999 copies Scan Type Colour Contact Image Sensor Scan Resolution Optical Up to 600 x 600dpi Pull Scan Yes, USB and Network Makes: As per list of recommended brands.	1 No	32500
545	MAT-04212	ELEC-7.3.5	Supply, Transportation and installation of Document Scanner Features: upto 30ppm/60ipm at 300dpi paper size A8 to A4/Legal 256MB memory upto 1200X1200 dpi resolution 50pages ADF input capacity upto 3000 pgs daily duty cycle USB 2.0 Host & Gigabit Lan Port Makes: As per list of recommended brands.	1 No	50806
546	MAT-04213	ELEC-7.3.6	Supply of 5 Pair telephone copper wire. Makes: As per list of recommended brands.	100 Mtrs	3827
547	MAT-04214	ELEC-7.3.7	Supply of 100 pair MDF loaded with 2/10 Modular. Makes: As per list of recommended brands.	1 No	4029
548	MAT-04215	ELEC-7.3.8	Supply of 100 Pair raiser cable for telephone. Makes: As per list of recommended brands.	1 Mtr	424
549	MAT-04216	ELEC-7.3.9	Supply of 10 Pair telephone Copper wire. Makes: As per list of recommended brands.	1 Mtr	54
550	MAT-04217	ELEC-7.3.10	Supply of 20 Pair telephone Copper wire. Makes: As per list of recommended brands.	1 Mtr	108
551	MAT-04218	ELEC-7.3.11	Supply of 50 Pair telephone Copper wire. Makes: As per list of recommended brands.	1 Mtr	268

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
552	MAT-04219	ELEC-7.3.12	Supply of 10 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	714
553	MAT-04220	ELEC-7.3.13	Supply of 20 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	1089
554	MAT-04221	ELEC-7.3.14	Supply of 50 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	2269
555	MAT-04222	ELEC-7.3.15	Supply of 200 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	8664
556		ELEC-7.3.16	Supply, Installation, Testing and commissioning of Non caller ID push button Telephone instruments etc., complete with connectors. Makes: As per list of recommended brands	Each	495
557		ELEC-7.3.16	Supply, Installation, Testing and commissioning of 60.45cm (23.8”) FHD (1920X1080) monitor with adjustable stand/ vesa mountable with IPS panel 1VGA1USB with HD CP support. Makes: As per list of recommended brands	Each	22600
			EPABX SYSTEM		
		7.4	**SMALL SYSTEM**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
558	MAT-05554	ELEC-7.4.1	Supply, Installation, testing and Commissioning of IP Based digtal Telephone (EPABX) system ----- complied with following specifications: > IP @ Core, PCM/TDM, Non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and Ios) > Must support Voice Mail > Must support Card based GSM > Inbuilt 8 Channel Auto Attendant > Inbuilt Call Details Software with search engine software > 4 Analog Trunks > 6 Digital Extensions > 32 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 64 Analog Extensions or more / Makes: As per list of recommended brands.	1 No	104665
559	MAT-05555	ELEC-7.4.2	Supply, Installation, testing and Commissioning of IP Based digtal Telephone (EPABX) system ----- complied with following specifications: > IP @ Core, PCM/TDM, Non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and Ios) > Must support Voice Mail > Must support Card based GSM > Inbuilt 8 Channel Auto Attendant > Inbuilt Call Details Software with search engine software > 4 Analog Trunks > 6 Digital Extensions > 48 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 64 Analog Extensions or more Makes: As per list of recommended brands.	1 No	114950

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
560	MAT-05556	ELEC-7.4.3	Supply, Installation, testing and Commissioning of IP Based digtal Telephone (EPABX) system ----- complied with following specifications: > IP @ Core, PCM/TDM, Non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and Ios) > Must support Voice Mail > Must support Card based GSM > Inbuilt 8 Channel Auto Attendant > Inbuilt Call Details Software with search engine software > 4 Analog Trunks > 1 ISDN PRI Module > 6 Digital Extensions > 48 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 64 Analog Extensions or more Makes: As per list of recommended brands.	1 No	128018
561	MAT-05557	ELEC-7.4.4	Supply, Installation, testing and Commissioning of IP Based digital Telephone (EPABX) system ----- complied with following specifications: > IP @ Core, PCM/TDM, Non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and Ios) > Must support Voice Mail > Must support Card based GSM > Inbuilt 8 Channel Auto Attendant > Inbuilt Call Details Software with search engine software > 4 Analog Trunks > 6 Digital Extensions > 64 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 64 Analog Extensions or more Makes: As per list of recommended brands.	1 No	131890

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
562	MAT-05558	ELEC-7.4.5	Supply, Installation, testing and Commissioning of IP Based digtal Telephone (EPABX) system ----- complied with following specifications: > IP @ Core, PCM/TDM, Non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and Ios) > Must support Voice Mail > Must support Card based GSM > Inbuilt 8 Channel Auto Attendant > Inbuilt Call Details Software with search engine software > 4 Analog Trunks > 1 ISDN PRI Module > 6 Digital Extensions > 64 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 64 Analog Extensions or more Makes: As per list of recommended brands.	1 No	143990
563	MAT-05559	ELEC-7.4.6	Supply and installation of Analog Extension Card (with Caller ID) 8 extensions.	1 No	17545
564	MAT-05560	ELEC-7.4.7	Supply and installation of Analog Extension Card (with Caller ID) 16 extensions.	1 No	22990
565	MAT-05561	ELEC-7.4.8	Supply and installation of Analog Trunk Card (with Caller ID) 4 trunks.	1 No	19481
566	MAT-05562	ELEC-7.4.9	Supply and installation of Analog Trunk Card (with Caller ID) 8 trunks.	1 No	24200
567	MAT-05563	ELEC-7.4.10	Supply and installation of Digital Extension Card for 8 digital extensions:	1 No	22627
568	MAT-05564	ELEC-7.4.11	Supply and installation of Digital Extension Card for 16 digital extensions:	1 No	38115
569	MAT-05565	ELEC-7.4.12	Supply and installation of E1 Trunk Card or PRI Card 30 ISDN PRI or R2 trunk channels.	1 No	57173

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		7.5	**LARGE SYSTEM**	1 No	
570	MAT-05566	ELEC-7.5.1	Supply, Installation, Testing and Commissioning of IP Based digital Telephone (EPABX) system-- complied with following specifications: > IP @ Core, PCM/TDM switching, non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and IOs) > Must support Voice Mail > Must support Card based GSM > Inbuilt Call Details Software with search engine software > 8 Analog Trunks > 8 Digital Extensions > 96 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 220 Ports wired or more at extra cost Makes: As per list of recommended brands.	1 No	288706
571	MAT-05567	ELEC-7.5.2	Supply, Installation, Testing and Commissioning of IP Based digital Telephone (EPABX) system-- complied with following specifications: > IP @ Core, PCM/TDM switching, non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and IOs) > Must support Voice Mail > Must support Card based GSM > Inbuilt Call Details Software with search engine software > 8 Analog Trunks > 1 PRI Trunk module > 8 Digital Extensions > 128 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Expandable to 220 Ports wired or more at extra cost Makes: As per list of recommended brands.	1 No	436810

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
572	MAT-05568	ELEC-7.5.3	Supply, Installation, Testing and Commissioning of IP Based digital Telephone (EPABX) system--complied with following specifications: > IP @ Core, PCM/TDM switching, non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and IOs) > Must support Voice Mail > Must support Card based GSM > Inbuilt Call Details Software with search engine software > 8 Analog Trunks > 1 PRI Trunk module > 8 Digital Extensions > 160 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Inbuilt hot standby for CPU and PSU. > Compatibility to run on DC -48v source. > Expandable to 220 Ports wired or more at extra cost. Makes: As per list of recommended brands.	1 No	526350
573	MAT-05569	ELEC-7.5.4	Supply, Installation, Testing and Commissioning of IP Based digital Telephone (EPABX) system--complied with following specifications: > IP @ Core, PCM/TDM switching, non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and IOs) > Must support Voice Mail > Must support Card based GSM > Inbuilt Call Details Software with search engine software > 8 Analog Trunks > 1 PRI Trunk module > 16 Digital Extensions > 224 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Inbuilt hot standby for CPU and PSU. > Compatibility to run on DC -48v source. > Expandable to 400 Ports wired or more at extra cost.	1 No	733260

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
574	MAT-05570	ELEC-7.5.5	Supply, Installation, Testing and Commissioning of IP Based digital Telephone (EPABX) system-- complied with following specifications: > IP @ Core, PCM/TDM switching, non-blocking, > Must Support PRI, E1, Analog Junctions > Must Support PC Console, > Must support Mobile SIP (Android and IOs) > Must support Voice Mail > Must support Card based GSM > Inbuilt Call Details Software with search engine software > 8 Analog Trunks > 1 PRI Trunk module > 16 Digital Extensions > 304 Analog Extensions > 1 Digital Key Phone with minimum 16 Keys (Must work only on 2 wires) > Inbuilt hot standby for CPU and PSU. > Compatibility to run on DC -48v source. > Expandable to 400 Ports wired or more at extra cost. Makes: As per list of recommended brands.	1 No	849420
575	MAT-05571	ELEC-7.5.6	Supply and Installation of Analog Extension Card (with Caller ID) 16 extensions.	1 No	24079
576	MAT-05572	ELEC-7.5.7	Supply and Installation of Analog Trunk Card (with Caller ID) 8 trunks.	1 No	24079
577	MAT-05573	ELEC-7.5.8	Supply and Installation of Digital Extension Card for 8 digital extensions:	1 No	24079
578	MAT-05574	ELEC-7.5.9	Supply and Installation of Digital Extension Card for 16 digital extensions:	1 No	39567
579	MAT-05575	ELEC-7.5.10	Supply and Installation of E1 Trunk Card or PRI Card 30 ISDN PRI or R2 trunk channels.	1 No	59411
580	MAT-05576	ELEC-7.5.11	Supply and Installation of IP CPU card for redundancy purpose	1 No	43318
581	MAT-05577	ELEC-7.5.12	Supply and Installation of PSU card for redundancy purpose	1 No	26378
582	MAT-	ELEC-	Supply and Installation of Digital Key Telephone with	1 No	10164

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	05578	7.5.13	2-line display, 10 programmable keys, handsfree dialing.		
583	MAT-05579	ELEC-7.5.14	Supply and Installation of Digital Key Telephone with 2-line display, 16 programmable keys, fully handsfree talk back.	1 No	17787
584	MAT-05580	ELEC-7.5.15	Supply and Installation of IP Gateway card for 8 channels	1 No	50215
585	MAT-05581	ELEC-7.5.16	Supply and Installation of IP Gateway card for 16 channels	1 No	72600
586	MAT-05582	ELEC-7.5.17	Supply and Installation of SIP extensions licenses pack (5 SIP extensions)	1 No	5143
587	MAT-05583	ELEC-7.5.18	Supply and Installation of SIP extensions licenses pack (10 SIP extensions)	1 No	9015
588	MAT-05584	ELEC-7.5.19	Supply and Installation of IP phone with POE.	1 No	20328
589	MAT-05585	ELEC-7.5.20	Supply and Installation of 4 port GSM card	1 No	52998
590	MAT-05586	ELEC-7.5.21	Supply and Installation of Expansion cabinet for 220 more extensions	1 No	100430
591	MAT-05587	ELEC-7.5.22	Supply and Installation of 100 Pair MDF along with IPM	1 No	16214
			C.C.TV & SURVEILLANCE SYSTEM		
		ELEC-7.6.1A	Supply, Installation, Testing and Commissioning of 64CH Embedded 4K NVR 8 SATA expandable up to 144 TB, audio input & Output, Two way communication supported, G.711 audio format support, 512 Mb recording throughput, 2 alarm inputs & 1 Outputs, with maximum 128 users, Op. temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC, certified. Makes: As per list of recommended brands as Category I.	Each	110951
592		ELEC-7.6.1B	Supply, Installation, Testing and Commissioning of 32CH Embedded 4K NVR 4SATA expandable up to 40TB, audio input & Output, Two way communication supported, G.711 audio format support, 512 Mb recording throughput, 2 alarm inputs & 1 Outputs, with maximum 16 users, Op.	Each	86521

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC, certified. Makes: As per list of recommended brands as Category I.		
593		ELEC-7.6.2	Supply, Installation, Testing and Commissioning of 16CH Embedded 4K NVR 2SATA expandable up to 20TB, audio input & Output, Two way communication supported, G.711 audio format support, 512 Mb recording throughput, 2 alarm inputs & 1 Output, RS485, HDMI, to be supported with maximum 16 users, Op. temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC certified. Makes: As per list of recommended brands as Category I	Each	42763
594		ELEC-7.6.3	Supply, Installation, Testing and Commissioning of 8CH Embedded 4K NVR 1SATA expandable up to 10TB, audio input & Output, Two way communication supported, G.711 audio format support, 180 Mb recording throughput, 2 alarm inputs & 1 Output, RS485, HDMI, VGA ports to be supported with maximum 16 users, Op. temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC, certified. Makes: As per list of recommended brands as Category I..	Each	28036
595		ELEC-7.6.4	Supply, Installation, Testing and Commissioning of 4 MP or higher IR Dome, Fixed lens min 2.8mm" ½.8 progressive CMOS image sensor, Min. Illumination 0.01 (color), S/N Ratio: 70 dB, Electronics Shutter: 1/15 ~ 1/100000s IR Distance: 50M, with built in video analytics,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 512GB, PAN: 0-330, Tilt: 0- 75, Rotation: 0- 180; Video Compression: H.265 /H.264/MJPEG, Smart Codec; Quad Stream; Protocals: H.265 /H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 7W; IP67,IK10,UL,NDAA,BIS Compliance, Makes: As per list of recommended brands as Category I.	Each	13800
596		ELEC-7.6.5	Supply, Installation, Testing and Commissioning of 4 MP or higher IR Bullet, Fixed lens min 2.8mm ½.8 progressive CMOS image sensor,	Each	14200

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Min. Illumination 0.01 (color), S/N Ratio: 70 dB, Electronics Shutter: 1/15 ~ 1/100000s IR Distance: 50M, with built in video analytics ,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 512 GB, PAN: 0- 330, Tilt: 0- 75, Rotation: 0- 180; Video Compression: H.265 H.264/MJPEG, Smart Codec; Quad Stream; Protocals: H.265 /H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 7W; IP67,IK10,UL,NDAA,BIS Compliance accessories mounts to be considered. Makes: As per list of recommended brands as Category I. 1/2.8''		
597		ELEC-7.6.6	Supply, installation, Testing and Commissioning of IP IR PTZ Camera- 2MP 38x Network PTZ Dome Camera Max. 2megapixel (1920 x 1080) resolution,4.44 ~ 169.4 mm (Optical 38x) lens, Max. IR viewable length : 300m Day & Night (ICR), WDR (120dB),1/ 2.8" Progressive Scan CMOS, Intelligent Video / Audio Analytics, Intrusion Detection and Motion Detection, Shock detection, Azimuth display (Cardinal & intermediate directions),Multiple streaming, Wise Stream II support H.265, H.264, MJPEG codec support MicroSD / SDHC / SDXC memory (Up to 512 GB) IP67, IK10 UL Certified, PTZ Camera along with pole/wall mount L-bracket for Mounting, Power Adapter, IP 67,with lighting protection, surge protection and voltage transient protection etc., Makes: As per list of recommended brands as Category I.	Each	1,18,000
598		ELEC-7.6.4 A	Supply, Installation, Testing and Commissioning of 4 MP or higher IR Bullet, Motorized Varifocal Lens 2.8mm to 12mm ½.8 progressive CMOS image sensor, Min. Illumination 0.01 (color), S/N Ratio: 70 dB, Electronics Shutter: 1/15 ~ 1/100000s IR Distance: 50M, with built in video analytics,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 512GB, PAN: 0-360, Tilt: 0- 90, Rotation: 0-360; Video Compression: H.265 /H.264/MJPEG, Smart Codec; Quad Stream; Protocals: H.265	Each	21735

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			/H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 7W; IP67,IK10,UL,NDAA,BIS Compliance Makes: As per list of recommended brands as Category I.		
599		ELEC-7.6.5 A	Supply, Installation, Testing and Commissioning of 5 MP or higher IR Dome, Motorized Varifocal Lens 2.8mm to 12mm ½.8 progressive CMOS image sensor, Min. Illumination 0.01 (color), S/N Ratio: 70 dB, Electronics Shutter: 1/15 ~ 1/100000s IR Distance: 50M, with built in video analytics,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 512GB, PAN: 0-330, Tilt: 0- 75, Rotation: 0-180; Video Compression: H.265 /H.264/MJPEG, Smart Codec; Quad Stream; Protocals: H.265 /H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 6W; IP67,IK10,UL,NDAA,BIS Compliance, Makes: As per list of recommended brands as Category I.	Each	22365
600		ELEC-7.6.7	Supply and fixing of Surveillance HDD-4 TB. Makes: As per list of recommended brands.	Each	20930
601		ELEC-7.6.8	Supply and installation of 4K UHD, 55” LED Display complete with following Specifications: a) Diagonal Size 55" b) Type Edge LED BLU. c) Resolution 3840*2160 (4K UHD) d) Pixel Pitch(mm)0.105 x 0.315. e) Active Display Area(mm)1209.6(H) x 680.4(V) f) Brightness (Typ.) 350 nit. g) Contrast Ratio 4000:1. Makes: As per list of recommended brands	Each	85707
602		ELEC-7.6.9	Supply and installation of 24 inch (60.96cm) Full HD LED Monitor with Wall Mountable Stand, Height Adjustable, HDMI and VGA Ports with all accessories. Makes: As per list of recommended brands	Each	16950
603		ELEC-7.6.10	Installation, testing, Commissioning & Integration of CCTV system in Control room including mobile configuration and communication of entire system as per the directions of Engineer-in-Charge.	Each Job	12000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Note: The above charges for Installation, testing, Commissioning & Integration of CCTV system in Control room may be given on job work basis for every 10 cameras or part there of depending upon size of the building/premises.		
			Category II		
604		ELEC-7.6.11	Supply, Installation, Testing and Commissioning of 32CH Embedded 4K NVR 4SATA expandable up to 40TB, audio input & Output, Two way communication supported, G.711 audio output support, 512 Mb recording throughput, Op. temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC certified. /BIS Makes:- As per list of recommended brands as Category II	Each	47790
605		ELEC-7.6.12	Supply, Installation, Testing and Commissioning of 16CH Embedded 4K NVR 2SATA expandable up to 20TB, audio input & Output, Audio out put communication supported, G.711 audio format support, 180 Mb recording throughput, HDMI, ports to be supported with maximum 16 users, Op. temp 0 to 50 deg. C, UL/CE,FCC, certified. Makes:- As per list of recommended brands as Category II	Each	15156
606		ELEC-7.6.13	Supply, Installation, Testing and Commissioning of 8CH Embedded 4K NVR 1SATA expandable up to 10TB, audio Output, Two way communication supported, G.711 audio format support, 180 Mb recording throughput, HDMI, ports to be supported with maximum 16 users, Op. temp 0 to 50 deg. C, NDAA compliant, UL/CE/FCC certified. Makes:- As per list of recommended brands as Category II	Each	7866
607		ELEC-7.6.14	Supply, Installation, Testing and Commissioning of 4 MP or higher IR Dome, fixed lens min 2.8mm ½.8 progressive CMOS image sensor, Min. Illumination 0.01 (color), S/N Ratio: 70 dB, Electronics Shutter: 1/15 ~ 1/100000 IR Distance: 30M, with built in video analytics ,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 256GB, Video	Each	7000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Compression:H.265 /H.264/MJPEG, Smart Codec; Triple Stream; Protocals: H.265 /H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 7W; IP67,IK10,BIS Compliance, Makes: - As per list of recommended brands as Category II		
608		ELEC-7.6.15	Supply, Installation, Testing and Commissioning of 4MP or higher IR Bullet, fixed lens min 2.8mm 1.2/8 progressive CMOS image sensor, Min. Illumination 0.01(color), S/N Ratio: 50dB, Electronics Shutter: 1/15 ~ 1/100000, IR Distance: 30M, with built in video analytics ,WDR~120dB/BLC/HLC/3D DNR, Gain Control: 0~100%; SD card up to 256GB, Video Compression:H.265 /H.264/MJPEG, Smart Codec; Triple Stream; Protocals: H.265 /H.264/MJPEG, Smart Codec; ONVIF: S/G/T; Op. Temp: -30 to 60 Deg; power consumption max. 6W; IP67,IK10,BIS Compliance accessories mounts to be considered. Makes:- As per list of recommended brands as Category II.	Each	7200
609		ELEC-7.6.16	Supply, installation, Testing and Commissioning of IP IR **2MP** PTZ Camera- 32x Network PTZ Dome Camera Max. 2megapixel (1920 x 1080) resolution, 4.44 ~ 142.6mm (Optical 32x) lens, Max. IR viewable length : 200m (656ft), Day & Night (ICR), WDR (150dB), DIS (Built-in gyro sensor), 1/2.8'' Progressive Scan CMOS, Intelligent Video / Audio Analytics, Intrusion Detection and Motion Detection, Shock detection, Azimuth display (Cardinal & intermediate directions),Multiple streaming, Wise Stream II support H.265, H.264, MJPEG codec support MicroSD / SDHC / SDXC memory 2 slots (Up to 512 GB) IP66, IK10 UL Certified PTZ Camera along with pole/wall mount L-bracket for Mounting, Power Adapter, IP66, TVS 4,000V Lightning Protection, Surge Protection and Voltage Transient Protection etc. Makes: As per list of recommended brands as Category II.	Each	94400

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			PUBLIC ADDRESS SYSTEMS		
610		ELEC-7.7.1	Supply and Installation of 120Watt Booster Amplifier, the amplifier is protected against overload and short circuits. A temperature-controlled fan ensures high reliability at high output levels and low acoustic noise at lower output levels. An overheat protection circuit switches off the power stage and activates an LED on the front panel, if the internal temperature reaches acritical limit due to poor ventilation or overload. Makes: As per list of recommended brands	Each	19500
611		ELEC-7.7.2	Supply and installation testing and commissioning of Tabletop mounted gooseneck type Conference Delegate unit Loudspeaker volume is set centrally at the Control Unit for all delegate units. To prevent acoustic feedback, the built-in loudspeaker is automatically muted when the microphone is on, the headphone volume level can be adjusted by means of a thumbwheel on the unit for maximum comfort, Nominal Acoustic Input 85dB SPL, Frequency Response 400Hz to 10kHz, Length of the microphone from the base of the stem 488mm. Makes: As per list of recommended brands.	Each	14200
612		ELEC-7.7.3	Supply, Fixing and Installation of Tabletop/Podium mounted gooseneck type Conference Chairman unit Loudspeaker volume is set centrally at the Control Unit for all delegate units. To prevent acoustic feedback, the built-in loudspeaker is automatically muted when the microphone is on, the headphone volume level can be adjusted by means of a thumbwheel on the unit for maximum comfort. Makes: As per list of recommended brands.	Each	16800
613		ELEC-7.7.4	Supply, Fixing and Installation of Rack mounted Conference Control unit, having digital acoustic feedback suppression facility that automatically eliminates acoustic feedback, giving better speech intelligibility by allowing the speaker volume to be turned up as loud as required without any risk of feedback. Makes: As per list of recommended brands.	Each	29050

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
614		ELEC-7.7.5	Supply and Installation of Wall mounted 30W Cabinet Loudspeaker, High-fidelity music and speech reproduction, Selectable 8 ohm, 70 V and 100 V inputs, Compact yet robust ABS enclosure, Supplied with adjustable mounting bracket, Complies with international installation and safety regulations. Makes: As per list of recommended brands.	Each	5910
615		ELEC-7.7.6	Supply, Fixing and Installation of 4 Channel Mixer, High-fidelity music and speech reproduction, selectable 8-ohm, 70 V and 100 V inputs, Compact yet robust ABS enclosure, Supplied with adjustable mounting bracket, Complies with international installation and safety regulations. Makes: As per list of recommended brands.	Each	37200
616		ELEC-7.7.7	Supply and Installation of Wireless Handheld microphone, With the touch of a single button, ClearScan™ scans through all 32 preset channels and selects the clearest channel, which ensures noise-free operation over the longest operating range. In the increasingly cluttered world of RF, ClearScan™ gives you confidence that you can easily find an open frequency. Makes: As per list of recommended brands.	Each	29470
617		ELEC-7.7.8	Supply and fixing of wireless hand held microphone Having Frequency Response of 40Hz-13kHz etc., complete. Makes: As per list of recommended brands.	Each	4650
618		ELEC-7.7.9	Supply and Installation of Wireless Collar Microphone with Frequency Response of 40Hz-13kHz etc., complete. Makes: As per list of recommended brands.	Each	4800
619		ELEC-7.7.10	Supply and Fixing of High fidelity 2-Way wall mountable Speakers with 16W impedance with power taps of 4W/8W/16W etc., complete. Makes: As per list of recommended brands.	Each	4635
620		ELEC-7.7.11	Supply, Installation, Testing and Commissioning of speakers with following specifications:12W Wall mount box Speaker, rated power: 12W, Tapings 100 volt line : 12/6/9WTransformer Impedance, Ohms , 100V : 1.67k/3.33k/6.66k, Frequency Response : 55-	Each	1740

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			15,000 Hz SPL at 1kHz (1W/1M) : min 85dB, Color / Finish : White RAL9016 / Black. Makes: As per list of recommended brands.		
621		ELEC-7.7.12	Supplying, installing, testing and commissioning of 25 zone selector P.A. console and with CRCA sheet housing and control desk also included with rack arrangement as required. The console shall have all call / call back type complete with battery backup and it should also work on AC single phase power. (Considered each floor one Zone). Makes: As per list of recommended brands.	Each	27030
622		ELEC-7.7.13	Supply and Fixing of High fidelity 2-Way wall mountable with 10W impedance with power taps of 1.5W/3W/6W etc., complete. Makes: As per list of recommended brands.	Each	3980
623		ELEC-7.7.14	Supply and Fixing of Ceiling mount Speakers with 6W impedance with power taps of 1.5W/3W/6W etc., complete. Makes: As per list of recommended brands.	Each	3228
624		ELEC-7.7.15	Supply and Laying of Microphone Cables and connectors etc., complete. Makes: As per list of recommended brands.	1 RM	48
625		ELEC-7.7.16	Testing and commissioning of the above Public Address systems as required at site.	Each Job	2000
			Note: The above charges for Testing and commissioning of the above Public Address systems may be given on job work basis for each amplifier with mixer/each conference hall etc., depending upon size of the building/premises.		
			AUDIO-VIDEO SYSTEMS		
626		ELEC-7.8.1	Supply and Fixing of Projector for front end Audience, As 4200lm, 5000:1contast ratio, 1080p@50/60Hz and HDMI & VGA interface etc. complete. Makes: As per list of recommended brands.	Each	70060
627		ELEC-7.8.2	Supply, installation, testing & commissioning of 3LCD / 1DLP laser projector with 4200 ANSI Lumens brightness, Ultra short throw (0.3 : 1) lens, Resolution: WXGA (1280 x 800), Colors: 16.7 million	Each	247000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			colors, Contrast Ratio: 500,000 : 1, Speaker Output: 16W, Input Ports: 1 x HDMI, 1 x MHL, 2 x VGA, 1 x composite video, 1 x component video, 1 x 3.5 mm stereo mini jack, Output: 1 x 3.5 mm stereo mini jack, 1 x VGA, Wired and wireless network LAN, 1 x RS-232 control port. Makes: As per list of recommended brands.		
628		ELEC-7.8.3	Supply, installation, testing & commissioning of 3LCD/1DLP laser projector with 3500 ANSI Lumens brightness, Resolution: WXGA (1280 x 800), Colors: 16.7 million colors, Contrast Ratio: 2,000,000 : 1, Life: 40,000 hours, Speaker Output: 16W, Input Ports: 2 x HDMI, 2 x VGA, 1 x composite video, 1 x component video, 1 x RCA jack, Output: 1 x 3.5 mm stereo mini jack, 1 x VGA, Wired and wireless network LAN, 1 x RS-232 control port. Makes: As per list of recommended brands.	Each	129200
629		ELEC-7.8.4	Supply and Fixing of Celling Mount Kits for Projector etc. complete. Makes: As per list of recommended brands.	Each	10305
630		ELEC-7.8.5	Supply and fixing of 120" Motorized projection screen with remote control etc. complete. Makes: As per list of recommended brands.	Each	20610
631		ELEC-7.8.6	Supply and fixing of 55" Full HD LED Large format Display (LFD) Commercial model for 24x7 operations, as 1920 x 1080 (16:9) resolution & 170°/160°(H/V) viewing angle, with HDMI & VGA Interface etc., complete. Makes: As per list of recommended brands.	Each	80060
632		ELEC-7.8.7	Supply and Fixing of Celling Mount Kits for front LED etc. complete. Makes: As per list of recommended brands.	Each	11221
633		ELEC-7.8.8	Supply and fixing of 4-input and 8-output HDMI (High-Definition Multimedia Interface) matrix Switcher Board with EDID Minder (Interface switching unit for LFD & Projectors to provide Audio and Video) etc. complete. Makes: As per list of recommended brands.	Each	270300
634		ELEC-7.8.9	Supply and fixing of long distance HDMI (High-Definition Multimedia Interface) twisted Pair	Each Pair	49440

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Transmitter/Receiver for LED cable for long distance which contains OFC and converting accessories etc. complete. Makes: As per list of recommended brands.		
635		ELEC-7.8.10	Supply and fixing of VGA to HDMI Convertor etc. complete. Makes: As per list of recommended brands.	Each	16946
636		ELEC-7.8.11	Supply and laying of twisted pair type High-Definition Multimedia Interface cable for long distance which contains OFC and converting accessories for multiple connectivity like connectors for Tx & Rx etc. complete. Makes: As per list of recommended brands.	Each	4809
637		ELEC-7.8.12	Supply and Fixing of Wireless remote control Laser point Presenter and Slider etc. complete. Makes: As per list of recommended brands.	Each	6320
638		ELEC-7.8.13	Supply, installation, testing & commissioning of 2.4 GHz Digital Wireless Handheld Microphone with 256 bit, AES Encryption, Frequency Response: 70 Hz–20 KHz, Dynamic Range: 116 dB @ 1 KHz, Signal-to-noise: >90 dBA, Latency<=2.9ms along with Up to 12 Hours battery life. Makes: As per list of recommended brands.	Each	38000
639		ELEC-7.8.14	Supply, installation, testing & commissioning of 2.4 GHz Digital Wireless Lapel Microphone with 256 bit AES Encryption, Frequency Response: 20 Hz–20 KHz, Dynamic Range: 116 dB @ 1 KHz, Signal-to-noise: >90 dBA, Latency<=2.9ms along with Up to 12 Hours battery life. Makes: As per list of recommended brands.	Each	38000
640		ELEC-7.8.15	Supply, installation, testing & commissioning of Gooseneck Microphone with on/off button with Polar pattern: Cardioid, Frequency range: 70 to 18,000 Hz , Max. SPL 125 dB, Equivalent noise level: <21 dB-A , Signal/noise ratio: >73 dB, Impedance: <=600 ohms, load impedance >=2,000 ohms, Connector 3-pin male XLR. Makes: As per list of recommended brands.	Each	38000
641		ELEC-7.8.16	Supply, installation, testing & commissioning of Modular Digital Signal Processor with AEC and	Nos	173793

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			current configuration of minimum 6mic/line inputs and 4-line outputs, 2 x 2 USB in/out for PC audio, Dante connectivity and Processor: 40-bit floating point, Sampling rate: 48kHz, standard Dante digital audio networking. Makes: As per list of recommended brands.		
642		ELEC-7.8.17	Supply, installation, testing & commissioning of Column Line array Speaker with 8 nos. vertically aligned array of full range speakers with Frequency Range: 80 Hz – 20 kHz, Sensitivity: 93 dB, Power Capacity: 100 Watt (400 W Peak), Nominal Impedance: 8 ohms, Max SPL: 121 dB, Transformer Tap: 60W, 30W @ 100V, Fiberglass reinforced ABS cabinet, painted aluminum grille along with Swivel (pan)/tilt wall bracket. Makes: As per list of recommended brands.	Nos	44290
643		ELEC-7.8.18	Supply, installation, testing & commissioning of Class D Dual channel Power Amplifier with Power output: 2 x 240 Watt @ 100v, Frequency response : 50Hz-22kHz, Total harmonic distortion (THD) : < 0.3%, Signal to noise ratio : > 100 dB, Crosstalk (@ 1 kHz) < 80 dB along with Dc short circuit, overheating, over load, signal limiting, temperature control fan protection. Makes: As per list of recommended brands.	Nos	83030
644		ELEC-7.8.19	Supply, installation, testing & commissioning of 250-Watt Mixing Amplifier with frequency response 50Hz to 15kHz +/-3 dB, THD <10%, Inputs: 6 x Mic, 2 x Aux, 1 x Line inputs, Outputs: 1 x Preamp out & 1 x Line out, Signal to Noise ratio:70db, with Bass and treble control. Makes: As per list of recommended brands.	Nos	23750
645		ELEC-7.8.20	Supply, Installation, Testing and Commissioning of Two way ceiling speaker 4" LF Driver, 0.75" Tweeter, Power Handling Capacity : 60 Watt continuous program power, Sensitivity (SPL 1W/1m) : 87 dB, Peak SPL: 108 dB, Frequency Range: 75 Hz – 20 kHz, Coverage : 120° Conical, impedance: 8 ohms, UL / EN certified, along with integrated steel back can complete as required. Makes: As per list of recommended brands.	Nos	9207

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
646		ELEC-7.8.21	Supply and fixing of 1600 W, 132 dB peak SPL utilizing high-sensitivity transducers 15" Two-Way Passive Loudspeaker etc. complete. Makes: As per list of recommended brands.	Each	8879
647		ELEC-7.8.22	Supply and fixing of 1000 W,126 dB 12" Two-Way Powered Loudspeaker etc. complete. Makes: As per list of recommended brands.	Each	7948
648		ELEC-7.8.23	Supply and Fixing of Ultra compact two-way with single 8-inch woofer etc. complete. Makes: As per list of recommended brands.	Each	28033
649		ELEC-7.8.24	Supply and fixing of 650 W per channel Class-H power amplifier With 2x 450W @ 4 Ohms etc. complete. Makes: As per list of recommended brands.	Each	4358
650		ELEC-7.8.25	Supply and Fixing of Pop-up box etc. complete. Makes: As per list of recommended brands.	Each	3570
651		ELEC-7.8.26	Supply and Fixing of XLR connector etc. complete. Makes: As per list of recommended brands.	Each	675
652		ELEC-7.8.27	Supply, Installation, Testing and Commissioning of Multiformat 3 x 1 automatic transmitter and receiver with scaler solution, Should support HDCP 2.2 and auto scaling at output, 4K30 Support for source devices and displays, Inputs (TX) – Transmitter includes 2x HDMI and 1x VGA inputs, Outputs(RX) – Receiver includes 1x HDMI input and scaled HDMI output , control port: RS-232, 2 x Relay and de-embedded audio out. Makes: As per list of recommended brands.	Nos	64980
653		ELEC-7.8.28	Supply, Installation, Testing and Commissioning of 4x1 4K60 Presentation Switcher with Inputs: 1 x VGA with audio, 3 x HDMI, Outputs: 1 x HDBT and 1 x HDMI output, 1 x de-embedded audio out along with control port: 1 x RS-232, 1 x IR, 1 x contact-in, 1 x tally out and ethernet port. Makes: As per list of recommended brands.	Nos	77976
654		ELEC-7.8.29	Supply, Installation, Testing and Commissioning of Multi-Format Wall plate Transmitters, Inputs: 1x HDMI, 1 x VGA, 1 x audio, Output: HdbaseT/ Dxlink RJ-45, Resolution: 480p up to 1920x1200 @ 60 Hz ,	Nos	71535

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			HDCP Compliant, 3D Support, Analog to Digital Conversion: 48 kHz Sample Rate, 24-bit. Makes: As per list of recommended brands.		
655		ELEC-7.8.30	Supply, Installation, Testing and Commissioning of Receiver compatible to the above transmitter, input: HbaseT/Dxlink RJ-45, output: HDMI, Analog Stereo Output : 3.5mm Mini-Stereo Jack, HDCP Compliant, Control: Rs232, IR. Makes: As per list of recommended brands.	Nos	81863
656		ELEC-7.8.31	Supply, installation, testing and commissioning of Wireless Presentation System with 4K resolution, enables iOS, Android, Chromebook, PC, and Mac device users to instantly connect to a main display without a dongle, 2.4GHz/5GHz Wi–Fi and MIMO antennas, Two participants can simultaneously present content on main display along with in-built processor of Intel, Main Memory: 4GB, Storage: 32 GB, Networking: 802.11 ac/b/g/n dual band Wireless LAN and Bluetooth 4.1, Operating System: Linux. Makes: As per list of recommended brands.	Nos	66500
657		ELEC-7.8.32	Supply, installation, testing and commissioning of 8 Button control Pad with 2 x RS-232, 2x IR/Serial, 2 x I/O channel, 1 x Relay, 1 x USB Mini-B, USB, with Flash: 4 GB, Memory Card: 4 GB SD, DDRAM: 256 MB along with Display Monitoring. Makes: As per list of recommended brands.	Nos	55423
658		ELEC-7.8.33	Supply, Installation, testing and commissioning of Mobile Signal Jammer for 8 Band with all standard accessories. Model: GST-JAMM-009HI (High Cooling Mechanism+ Industrial Model) □ 08 Antennas □ Power Supply Adopter Unit (Note: This Model will Jamm mobile Signal approximately 40- 50 meters Depending on the Input Signal Strength. Makes: As per list of recommended brands.	Each	48000
			SECTION 8		
		8.1	**MISCELLANEOUS ITEMS**		
659	MAT-04223	ELEC-8.1.1	TW Separators / Gutties	100 Nos	233

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
660	MAT-04224	ELEC-8.1.2	PVC Rawl Plugs	100 Nos	39
661	MAT-04225	ELEC-8.1.3	PVC Grips	100 Nos	39
662	MAT-04226	ELEC-8.1.4	U Nails	100 Nos	39
663	MAT-04227	ELEC-8.1.5	Aluminum Link Clips	100 Nos	43
664	MAT-04228	ELEC-8.1.6	50 mm G.I. Nut and Bolts.	1 Set	20
665	MAT-04229	ELEC-8.1.7	63 to 100 mm G.I. Nut and Bolts.	1 Set	33
666	MAT-04230	ELEC-8.1.8	50 mm 0 Gauge Nails	1 Doz	59
667	MAT-04231	ELEC-8.1.9	63 to 100 mm 0 Gauge Nails	1 Doz	93
668	MAT-04232	ELEC-8.1.10	Hard Coke	1 Kg	26
669	MAT-04233	ELEC-8.1.11	Salt	1 Kg	20
670	MAT-04234	ELEC-8.1.12	PVC Cleats 2 Way	100 Nos	422
671	MAT-04235	ELEC-8.1.13	PVC Cleats 4 Way	100 Nos	556
672	MAT-04236	ELEC-8.1.14	Binding Wire	1 Kg	78
673	MAT-04237	ELEC-8.1.15	PVC /cotton tape Role (8 Mtrs)	1 No	24
674	MAT-04238	ELEC-8.1.16	C.I. Knob	1 No	33
675	MAT-04239	ELEC-8.1.17	Stay tight set (Jam bracket 300 mm)	1 Pair	394
676	MAT-04240	ELEC-8.1.18	Stay clamp with bolts and Nuts)	1 Set	262
677	MAT-	ELEC-	L.T. Guy insulator	1 No	97

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	04241	8.1.19			
678	MAT-04242	ELEC-8.1.20	12 / 15 MS plain rod fan hook	1 No	42
679	MAT-04243	ELEC-8.1.21	19 / 20 mm Steel tube fan down rod	1 Mtr	119
680	MAT-04244	ELEC-8.1.22	Concealed box PVC / MS with hook for fan	1 No	139
681	MAT-04245	ELEC-8.1.23	Supply and fixing of Anchor fastener with fan hook / Providing MS Fan hook with grouting and cement plastering.	1 No	130
682	MAT-04246	ELEC-8.1.24	Coil Earthing	1 No	97
683	MAT-04247	ELEC-8.1.25	Cable root Indicators of size 152mm round / 102mm x 102mm / 152mm x 152mm	1 No	110
684	MAT-04248	ELEC-8.1.26	40 mm x 40 mm x 6 mm angle iron with I bolt.	1 Set	327
685	MAT-04249	ELEC-8.1.27	Mild Steel Items	1 Kg	91
686	MAT-04250	ELEC-8.1.28	Acrylic Cover of size 4" x 7" for night lamps.	1 No	26
687	MAT-04251	ELEC-8.1.29	TW / PVC Round Blocks	1 No	11
688	MAT-04252	ELEC-8.1.30	G.I. Funnel with Mesh 1/2" x 4"	1 No	104
689	MAT-04253	ELEC-8.1.31	Asbestos Sheet	1 Sq Mt	33
690	MAT-04254	ELEC-8.1.32	First Aid box 18" x 12" x 8"	1 No	1392
691	MAT-04255	ELEC-8.1.33	11 KV/ 22 KV Hand gloves	1 No	259
692	MAT-04256	ELEC-8.1.34	100mm CI pipe	1 mtr	As per civil SOR

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		8.2	**LEGEND PLATES**		
693		ELEC-8.2.1	Danger Notice Plates of size ----------, shall comply with IS:2551-1982		
	MAT-04257	a	250x200mm,	1 No	292
	MAT-04258	b	200x150mm,	1 No	259
	MAT-04259	c	150x100mm,	1 No	129
694	MAT-04260	ELEC-8.2.2	Bus bar chamber 100mm x 40mm	1 No	70
695	MAT-04261	ELEC-8.2.3	Cable Alley 100mm x 40mm	1 No	70
696	MAT-04262	ELEC-8.2.4	Earth 40mm x 20mm	1 No	65
697	MAT-04263	ELEC-8.2.5	Auto / Manual	1 No	65
698	MAT-04264	ELEC-8.2.6	Semi oval type aluminum anodized legend plates ON / OFF / Forward / Reverse / Start / Stop / UP / DOWN / R Phase / Y Phase / B Phase / Trip / Open / Close / Left / Right / Motor on / Motor off / Accept / Retract / Reset / Emergency / Running / Pump off / Emergency Stop / Emergency on / Slow.	1 No	33
699	MAT-04265	ELEC-8.2.7	Shock instruction chart in English / Hindi / Telugu duly framed with front glass	1 No	583
		8.3	**COPPER / ALUMINIUM / G.I. ITEMS (PER KG)**		
700	MAT-04266	ELEC-8.3.1	Copper Plate / Strip / SWG wire No.8 / 10 / 14	1 kg	1300
701	MAT-04267	ELEC-8.3.2	Copper winding wire	1 kg	1241
702	MAT-04268	ELEC-8.3.3	Copper winding wire with PVC Insulated of fine quality	1 kg	1277
703	MAT-04269	ELEC-8.3.4	Aluminum Bus bars / Strips / Accessories	1 kg	365

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
704	MAT-04270	ELEC-8.3.5	Aluminum winding wire	1 kg	476
705	MAT-04271	ELEC-8.3.6	G.I. Strip / Plate / Wire	1 kg	108
		8.4	**SMC TYPE SUPPORTS FOR THE BUSBARS**		
706		ELEC-8.4.1	Supply of type supports for the bus bars----------		
	MAT-04272	a	50 x 70 x 14 mm	1 No	43
	MAT-04273	b	60 x 70 x 14 mm	1 No	50
	MAT-04274	c	70 x 70 x 14 mm	1 No	93
	MAT-04275	d	300 x 50 x 10 mm	1 No	29
	MAT-04276	e	350 x 52 x 10 mm	1 No	229
	MAT-04277	f	420 x 60 x 12 mm	1 No	328
707	MAT-04278	ELEC-8.4.2	DMC Earth Flat Supports 20 x3 mm / 20x 6mm / 25 x 6mm / 25 x 3mm / 32 x 3 mm / 32 x 6mm / 40 x 3 mm / 40 x 6mm	1 No	65
708	MAT-04279	ELEC-8.4.3	Heat shrinkable sleeves for the Bus bars up to 70 Sq mm	1 Mtr	20
709	MAT-04280	ELEC-8.4.4	Heat shrinkable sleeves for the Bus bars above 70 Sq mm	1 Mtr	33
710	MAT-04281	ELEC-8.4.5	8 mm LED series bulb (54 Nos.)	Set	340
711	MAT-04282	ELEC-8.4.6	8 mm LED series bulb with Navar Patti (250/300 Nos.) with necessary control gear	Set	2833
712	MAT-05588	ELEC-8.4.7	LED RGB pixel series bulbs(50 Nos)	Set	623
713	MAT-05589	ELEC-8.4.8	LED RGB pixel series bulbs with Navvar Patti (150 Nos) with necessary control gear	Set	5099

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
714	MAT-05590	ELEC-8.4.9	Supply of 3W X54 LED RGB PAR cans with IP 67 protection	1 No	9149
715	MAT-04284	ELEC-8.4.10	Supply and fixing of 6mm thick MS Chequered plate.	1 Kg	97
716	MAT-04285	ELEC-8.4.11	Supply and fixing of 6mm thick Aluminum Chequered plate	1 Kg	357
717	MAT-04286	ELEC-8.4.12	Copper old winding Wire scrap for 1 Kg	1 Kg	211
718	MAT-04287	ELEC-8.4.13	Cement	1 Kg	11
719		ELEC-8.4.14	Cost of Sand	1 Cum	777
720		ELEC-8.4.15	Cost of Bricks	1000 Nos	5179
721	MAT-04288	ELEC-8.4.16	Hylam Sheet	1 Sq inch	1
722		ELEC-8.4.17	Supply of Nominal-Bore ---------- G.I. Pipe		
	MAT-04289	a	25mm Heavy grade	1 mtr	364
	MAT-04290	b	25mm Medium grade	1 mtr	319
	MAT-04291	c	40mm Heavy grade	1 mtr	546
	MAT-04292	d	40mm Medium grade	1 mtr	455
		e	50mm Medium grade	1 mtr	585
		f	65mm Medium grade	1 mtr	742
		g	80mm Medium grade	1 mtr	945
723	MAT-04293	ELEC-8.4.18	80mm Nominal Bore C.I. Earth Pipe of 3 Mtrs Length	1 no	4530

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
724	MAT-04294	ELEC-8.4.19	Earth work excavation including all soils for trench, Pole Pit and Earth Pit	1 cum	348
725	MAT-04295	ELEC-8.4.20	Drilling of 16 Nos through holes of 12mm dia to G.I pipe	1 No	9
726	MAT-04296	ELEC-8.4.21	G.I Nuts, Bolts and Washers each set	1 set	15
727	MAT-04297	ELEC-8.4.22	18" dia 2" thick hume pipe ring	1 No	390
728	MAT-04298	ELEC-8.4.23	18" dia 3" hume pipe ring	1 No	450
729	MAT-04299	ELEC-8.4.24	2" thick CC cover for hume pipe ring with handle.	1 No	250
730		ELEC-8.4.25	Supply of Saddle / Clamps suitable for fixing ----------		
	MAT-04300	a	4 to 10 Sq mm 2 Core Cable	100 Nos	297
	MAT-04301	b	4 & 6 Sq mm 4 Core Cable	100 Nos	297
	MAT-04302	c	10 & 16 Sq mm 4 Core Cable	100 Nos	388
	MAT-04303	d	25 & 35 Sq mm 3.5 Core Cable.	100 Nos	454
	MAT-04304	e	50 Sq mm 3.5 Core Cable.	100 Nos	647
	MAT-04305	f	70 & 95 Sq mm 3.5 Core Cable	100 Nos	713
	MAT-04306	g	120 to 185 Sq mm 3.5 Core Cable	100 Nos	906
	MAT-04307	h	240 & 300 Sq mm 3.5 Core Cable	100 Nos	1101
	MAT-04308	i	400 Sq mm 3.5 Core Cable	100 Nos	1424
731		ELEC-8.4.26	Supply and fixing of PVC synthetic elastomer electrically insulated at conforming to IS: 15652-2006 with----------		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04309	a	Class A insulation having 2mm thickness upto 3.3KV	1 sq mt	4598
	MAT-04310	b	Class B insulation having 2.5mm thickness upto 11KV	1 sq mt	4719
	MAT-04311	c	Class C insulation having 3mm thickness upto 33KV	1 sq mt	4840
732	MAT-04312	ELEC-8.4.27	Supply of round bottom G.I sheet bucket of 9 Ltrs. Capacity as per IS:2546 made out of 24-gauge GI sheet with extra handle at bottom duly painted inside and red outside with printed with FIRE Mark for stand and hook and filled with sand and arranged to existing stand or hook.	1 no	327
733	MAT-04313	ELEC-8.4.28	Providing floor mounting stand for keeping 4No of fire bucket 1500mm length, 900mm height made out of 40x40x6mm angle iron welded with 4 hooks and duly painted with one coat of red lead and two coats of enamel paint.	1 no	1331
734		ELEC-8.4.29	Supply of GI Louver shutter for exhaust fan		
	MAT-04314	a	9 to 12"	1 no	182
	MAT-04315	b	15 to 18"	1 no	218
735	MAT-04316	ELEC-8.4.30	EICHER model 11:10 with 100 H.P. direct injection 4 stroke engine with one spare wheel 3800 mm cabin high deck with jangla (full body) (4 wheeler) for generator	1 No	750200
			LABOUR RATES		
			NB : The labour rates may be adopted based on the common Civil SoR for the year 2026-27.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		9.1	WIRELESS FIRE ALARAM SYSTEM		
736	MAT-04336	ELEC-9.1.1	Supply and fixing of wireless smoke detection control panel of 28 wireless zones, 2 Hard wired Zones, Tamper Alert, Pass code protected, RF jamming recognition, diagnostic feature for RF signal strength between panel and each detector, vent reporting using PSTN telephone line, dialing upto 4 telephone numbers, event reporting as per users choice, LCD screen display, two way voice interaction, battery backup stand by time up to 12 hrs. Including transportation, all taxes and all labour charges etc complete. Makes: As per list of recommended brands.	1 No	48300
737	MAT-04337	ELEC-9.1.2	Supply and fixing of wireless repeater. The wireless repeater extends the communication range of detection by relaying data between receiver and remote wireless transmitter including transportation, all taxes and all labour charges etc complete. Makes: As per list of recommended brands.	1 No	9775
738	MAT-04338	ELEC-9.1.3	Supply and fixing of Wireless Siren Strobe external wireless siren - a fully supervised power code outdoor (IP55) wireless Siren and strobe light. Designed for external installation. Wire - Free connection between control panel and siren. Convenient rapid no- mess installation. Separate fire alarm signals, 98db Piezo siren and high-power strobe light. Weather resistant, IP55, 2-way communication for local and remote diagnostics. Plug-in power supply, NIMH rechargeable back-up power battery, transmits status, tamper, low- battery, supervisory and AC loss messages to the control panel, Tri- State tamper switch identifies screw manipulation removal of cover or playing from the wall including transportation, all taxes and all labour charges etc complete. Makes: As per list of recommended brands.	1 No	13225

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
739	MAT-04339	ELEC-9.1.4	Supply and fixing of wireless Fully Supervised Smoke Detector, Photoelectric detection technology for superior detection sensitivity, sound and transmitted for smoke, tamper and low battery, works on power code protocol, easy programming and enrolling to the control panel, long life 9 volt alkaline or lithium battery including transportation, all taxes and all labour charges etc complete. Makes: As per list of recommended brands.	1 No	7936
		9.2	**ADDRESSABLE - FIRE ALARM SYSTEM**		
740		ELEC-9.2.1	Supply, install, test and commissioning of addressable peer to peer Networkable analogue addressable type fire alarm control panel with minimum 640 Character / 7inch Touchscreen graphic LCD display. The panel should be equipped with sufficient numbers of loop with 20% spare capacity, with each networkable intelligent fire alarm Control Panel having SLC with capacity of min 250 detectors/ devices in any combination (Min 120 Detector) with key pad, dual flash-based microprocessor technology, inbuilt USB Port for upload and down load the configuration tools, RS232 serial port for direct PC or modem connection, inbuilt NAC's, min 20 programmable Zonal LEDs and operates on 240V AC + 10% with 50 Hz with built in charger. The panel shall have fire, fault relays, option of BMS integration MODBUS/ BACnet, graphical software for provision of TCP/ IP modules, Remote Access, Class 'X' wiring with provision of both class 'A' and class 'B' wiring in the SLC circuit, user friendly with communication facility to monitor & control the FACPs from a single window. The panel shall be suitable for minimum of 5000 event record facility, event fetch from FACP facility and the single panel shall be suitable for min 2000 fire zones and 200 Panels/ Nodes in one network with all other accessories required to successfully run the system. The panel shall be completed as per UL(latest edition) and FM/EN54 & VDS standards (The System cost shall be included of all necessary cards, modules, Panel enclosure, CPU and associated accessories to complete the system design) Makes: As per list of recommended brands as category I.		
	MAT-04340	a	1 loop	1 No	221375
	MAT-04341	b	2 loop	1 No	253000
	MAT-04342	c	4 loop	1 No	309925

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04343	d	6 loop	1 No	415553
	MAT-04344	e	8 loop	1 No	455400
	MAT-04345	f	10 loop	1 No	626175
741		ELEC-9.2.2	Supply, install, test and commissioning of addressable peer to peer Networkable analogue addressable type fire alarm control panel with minimum 640 Character / 7inch Touchscreen graphic LCD display. The panel should be equipped with sufficient numbers of loop with 20% spare capacity, with each networkable intelligent fire alarm Control Panel having SLC with capacity of min 250 detectors/ devices in any combination (Min 120 Detector) with key pad, dual flash-based microprocessor technology, inbuilt USB Port for upload and down load the configuration tools, RS232 serial port for direct PC or modem connection, inbuilt NAC's, min 20 programmable Zonal LEDs and operates on 240V AC + 10% with 50 Hz with built in charger. The panel shall have fire, fault relays, option of BMS integration MODBUS/ BACnet, graphical software for provision of TCP/ IP modules, Remote Access, Class 'X' wiring with provision of both class 'A' and class 'B' wiring in the SLC circuit, user friendly with communication facility to monitor & control the FACPs from a single window. The panel shall be suitable for minimum of 5000 event record facility, event fetch from FACP facility and the single panel shall be suitable for min 2000 fire zones and 200 Panels/ Nodes in one network with all other accessories required to successfully run the system. The panel shall be completed as per UL (latest edition) and FM/EN54 & VDS standards (The System cost shall be included of all necessary cards, modules, Panel enclosure, CPU and associated accessories to complete the system design). Makes: As per list of recommended brands as category II.		
	MAT-04346	a	1 loop	1 No	158884
	MAT-04347	b	2 loop	1 No	178112
	MAT-04348	c	4 loop	1 No	206448
	MAT-04349	d	6 loop	1 No	268686
	MAT-	e	8 loop	1 No	311494

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	04350				
	MAT-04351	f	10 loop	1 No	495880
742	MAT-04352	ELEC-9.2.3	Supply, Installation, Testing & Commissioning of Network Active Repeater Panel with 640 Character / 7inch Touchscreen. The LCD shall Display all events / detectors, devices status of complete systems in the networked. Makes: As per list of recommended brands as category I.	1 No	132825
743	MAT-04353	ELEC-9.2.4	Supply, Installation, Testing & Commissioning of Network Active Repeater Panel with 640 Character / 7inch Touchscreen. The LCD shall Display all events / detectors, devices status of complete systems in the networked. Makes: As per list of recommended brands as category II.	1 No	108158
744	MAT-04354	ELEC-9.2.5	Supply, Installation, Testing & Commissioning of Analogue Addressable loop powered Sounder & Beacon with inbuilt isolator/ external isolator module and having Min 15 distinct sound patterns/ multitone to indicate Exit doors and direct occupants for safe and fast evacuation and 100dB output with minimum 1Hz Frequency flash rate designed for IP65 requirements and approved to operate in 0°C to 49°C temperature, complies with the essential requirement of the EMC Directive to be supplied with Junction Box, Glands and other mounting accessories for proper installation. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.	1 No	5237
745	MAT-04355	ELEC-9.2.6	Supply, Installation, Testing & Commissioning of Analogue Addressable loop powered Sounder & Beacon with inbuilt isolator/ external isolator module and having Min 15 distinct sound patterns/ multitone to indicate Exit doors and direct occupants for safe and fast evacuation and 100dB output with minimum 1Hz Frequency flash rate designed for IP65 requirements and approved to operate in 0°C to 49°C temperature, complies with the essential requirement	1 No	3745

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			of the EMC Directive to be supplied with Junction Box, Glands and other mounting accessories for proper installation. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.		
746	MAT-04356	ELEC-9.2.7	Supply, Installation, Testing & Commissioning of Dust and Vermin proof (Resettable) addressable analogue Manual call boxes along with Isolators inbuilt having front reset mechanism with 170° viewable LED and can be viewed from the distance of 7 M. also have inbuilt isolator having operating temperature from 0°C to 49°C to initiate audio visual alarm in case of Human detection of fire. The manual call point must be indoor type. The call point must be resettable type without break glass. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.	1 No	5124
747	MAT-04357	ELEC-9.2.8	Supply, Installation, Testing & Commissioning of Dust and Vermin proof (Resettable) addressable analogue Manual call boxes along with Isolators inbuilt having front reset mechanism with 170° viewable LED and can be viewed from the distance of 7 M. also have inbuilt isolator having operating temperature from 0°C to 49°C to initiate audio visual alarm in case of Human detection of fire. The manual call point must be indoor type. The call point must be resettable type without break glass. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	4048
748	MAT-04358	ELEC-9.2.9	Supply, Installation, Testing & Commissioning of Optical smoke detector with LED with standard base having capacity of min 126 address combination. Operating temperature 0°C to 49°C &Humidity 0-95%. The detector should have polling 360-degree viewable LED with 5 class approved response modes all approved with the relevant standards, drift compensation and transient rejection. The detector shall have facility to mount in different comprehensive	1 No	3677

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			environment like Hostile environment, precious storage, Warehouse and normal working environments. The detector should have a self-locking mechanism and requires a special tool to remove this detector. The detector should have a hard address inside the base. The detector must have nonvolatile memory to write the installation date & site codes. The detector should be made of fire-retardant material. The detectors must be openable for the cleaning of dust whenever required. All the other specs should be as per the specification attached. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.		
749	MAT-04359	ELEC-9.2.10	Supply, Installation, Testing & Commissioning of Optical smoke detector with LED with standard base having capacity of min 126 address combination. Operating temperature 0°C to 49°C &Humidity 0-95%. The detector should have polling 360 degree viewable LED with 5 class approved response modes all approved with the relevant standards, drift compensation and transient rejection. The detector shall have facility to mount in different comprehensive environment like Hostile environment, precious storage, warehouse and normal working environments. The detector should have a self-locking mechanism and requires a special tool to remove this detector. The detector should have a hard address inside the base. The detector must have nonvolatile memory to write the installation date & site codes. The detector should be made of fire-retardant material. The detectors must be openable for the cleaning of dust whenever required. All the other specs should be as per the specifications. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	2882

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
750	MAT-04360	ELEC-9.2.11	Supply, Installation, Testing & Commissioning of Analogue Addressable Heat detector and LED with standard base having capacity of min 126 address combination. Storage temperature 0°C to 49°C & Humidity 0-95%. The detector shall have facility to mount in different comprehensive environment like Hostile environment, precious storage, Ware house and normal working environments. The heat detector must trigger the alarm as per the A1R/A2R/A2S/CR/CS requirement. The detector should have self-locking mechanism and requires special tool to remove this detector. The detector must have nonvolatile memory to write the installation date & site codes. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.	1 No	3968
751	MAT-04361	ELEC-9.2.12	Supply, Installation, Testing & Commissioning of Analogue Addressable Heat detector and LED with standard base having capacity of min 126 address combination. Storage temperature 0°C to 49°C & Humidity 0-95%. The detector shall have facility to mount in different comprehensive environment like Hostile environment, Precious storage, Ware house and normal working environments. The heat detector must trigger the alarm as per the A1R/A2R/A2S/CR/CS requirement. The detector should have self-locking mechanism and requires special tool to remove this detector. The detector must have nonvolatile memory to write the installation date & site codes. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	3097
752	MAT-04362	ELEC-9.2.13	Supply, Installation, Testing & Commissioning of Analogue Addressable Multi-sensor (Smoke & Heat) detector with LED with standard base having capacity of min 126 address combination. Operating temperature 0°C to 49°C & Humidity 0-95%. The detector should have polling 360-degree viewable LED with 5 class approved response modes all approved with the relevant standards, drift compensation and transient rejection. The detector	1 No	4064

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			should trigger heat alarm as per the A1R class requirement. The detector shall have facility to mount in different comprehensive environment like Hostile environment, Parking Garage, Precious storage, Ware house and normal working environments. The detector should have a self-locking mechanism and requires a special tool to remove this detector. The detector should have a hard address inside the base. The detector should be made of fire-retardant material. The detectors must be open for the cleaning of dust whenever required. The detector must have 4 nonvolatile memories to write the installation date & site codes. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.		
753	MAT-04363	ELEC-9.2.14	Supply, Installation, Testing & Commissioning of Analogue Addressable Multi-sensor (Smoke & Heat) detector with LED with standard base having capacity of min 126 address combination. Operating temperature 0°C to 49°C & Humidity 0-95%. The detector should have polling 360-degree viewable LED with 5 class approved response modes all approved with the relevant standards, drift compensation and transient rejection. The detector should trigger heat alarm as per the A1R class requirement. The detector shall have facility to mount in different comprehensive environment like Hostile environment, Parking Garage, Precious storage, Ware house and normal working environments. The detector should have a self-locking mechanism and requires special tool to remove this detector. The detector should have a hard address inside the base. The detector should be made of fire-retardant material. The detectors must be open for the cleaning of dust whenever required. The detector must have 4 nonvolatile memories to write the installation date & site codes The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	3097

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
754	MAT-04364	ELEC-9.2.15	Supply, install, test and commissioning of Analogue addressable Control (Input/Output) module with inbuilt relay and isolator with LED indicator, approved to operate in 0°C to 49°C temperature, complies with the essential requirement of the EMC Directive to be supplied with Junction Box and other mounting accessories for proper installation. In case of Manufacturer with single Input or Output module need to supply One quantity of each for line item. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.	1 No	4304
755	MAT-04365	ELEC-9.2.16	Supply, install, test and commissioning of Analogue addressable Control (Input/Output) module with inbuilt relay and isolator with LED indicator, approved to operate in 0°C to 49°C temperature, complies with the essential requirement of the EMC Directive to be supplied with Junction Box and other mounting accessories for proper installation. In the case of Manufacturer with single Input or Output module need to supply One quantity of each for line item. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	3370
	MAT-04366	ELEC-9.2.17	Deleted	1 No	
	MAT-04367	ELEC-9.2.18	Deleted	1 No	
756	MAT-04368	ELEC-9.2.19	Supply, Installation, Testing & Commissioning of Loop isolation module which consists of LED. This LED shall be mounted with in a round polycarbonate encloser. Isolator Base for Isolators. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category I.	1 No	3893

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
757	MAT-04369	ELEC-9.2.20	Supply, Installation, Testing & Commissioning of Loop isolation module which consists of LED. This LED shall be mounted with in a round polycarbonate encloser. Isolator Base for Isolators. The item shall be completed as per UL (latest edition) and FM/EN54 & VDS standards. Makes: As per list of recommended brands as category II.	1 No	2733
		9.3	**CONVENTIONAL - FIRE ALARM SYSTEM**		
758		ELEC-9.3.1	Supply, Installation, testing and commissioning of conventional Micro-processor based Fire Alarm panel with ……., 12V SMF batteries etc., complete with all standard accessories. Makes: As per list of recommended brands.		
	MAT-04370	a	2 Zone	1 No	14516
	MAT-04371	b	4 Zone	1 No	17059
	MAT-04372	c	6 Zone	1 No	18975
	MAT-04373	d	8 Zone	1 No	19608
	MAT-04374	e	10 Zone	1 No	24668
	MAT-04375	f	12 Zone	1 No	28463
	MAT-04376	g	14 Zone	1 No	30645
759	MAT-04377	ELEC-9.3.2	Supply and installation of Repeater panel including the cost of mounting accessories complete as per specifications and as required. Makes: As per list of recommended brands.	1 No	14117
760	MAT-04378	ELEC-9.3.3	Supply and installation of dual tone electronic hooter of 85dB including the cost of mounting accessories complete as per specifications and as required. Makes: As per list of recommended brands.	1 No	949

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
761	MAT-04379	ELEC-9.3.4	Supply and installation of dust and vermin proof manual call point to initiate audio-visual alarm including the cost of mounting accessories complete as per specifications and as required. Makes: As per list of recommended brands.	1 No	759
762	MAT-04380	ELEC-9.3.5	Supply and installation of response indicators for above false ceiling detectors. Makes: As per list of recommended brands.	1 No	190
763	MAT-04381	ELEC-9.3.6	Supply and installation of plug - in-type multi-criterion detectors including the cost of base plate. 75mm dia M.S. outlet box for fixing of the detector base. Mounting accessories etc., complete as per specifications as required. Makes: As per list of recommended brands.	1 No	2024
764	MAT-04382	ELEC-9.3.7	Supply and installation of plug -in type photo electric smoke detectors including the cost of base plate. 75mm dia MS outlet box for fixing the detector base. Mounting accessories etc complete and as per specifications and as required. Makes: As per list of recommended brands.	1 No	1771
765	MAT-04383	ELEC-9.3.8	Supply and installation of plug -in type rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. Makes: As per list of recommended brands.	1 No	1645
		9.4	**POWDER BASED FIRE EXTINGUISHERS**		
766			Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, 9 kg capacity, IS:15683 : 2006, filled with ABC Mono Ammonium Phosphate base powder-90 complete with discharge hose and wall mounting bracket, 2mm Mild Steel, EPDM Rubbers, Pressure Gauge, which work effectively on all class of fires (A, B, C & Electrical fires) with 5 years warranty Including transportation, all taxes and all labour charges etc complete.		
	MAT-04384	ELEC-9.4.1	Makes: As per list of recommended brands as category I.	1 No	9891
	MAT-04385	ELEC-9.4.2	Makes: As per list of recommended brands as category II.	1 No	6100

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
767			Supply and fixing of ISI mark (IS:15683) Mono ammonium phosphate powder 90 (MAP) 2 Kg Fire extinguisher, stored pressure type, pressure gauge, gross wt. 3.6 kg, empty wt.1.6 kg, Discharge time minimum 8 sec, controllable discharge mechanism, range min. 2 mts applicable on classes A,B, C & electrically started fire, A rating -2 A, B rating -21 B, can construction: Deep drawn and Co2 MIG welding, Valve construction: Forging & Machining, internal coating of can: Epoxy powder coating, External coating of Can: Epoxy polyester powder coating, sheet metal thickness:1.60mm, Helium leak detection tested with 5 years warranty Including transportation, all taxes and all labour charges etc complete.		
	MAT-04386	ELEC-9.4.3	Makes: As per list of recommended brands as category I.	1 No	4820
	MAT-04387	ELEC-9.4.4	Makes: As per list of recommended brands as category II.	1 No	3350
768			Supply and fixing of ISI mark (IS:15683) Mono ammonium phosphate powder 90 (MAP) 4 Kg Fire extinguisher, stored pressure type, pressure gauge, gross wt. 6.9 kg, empty wt.2.9 kg, Discharge time minimum 13 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fire, A rating -3 A, B rating -34 B, can construction: Deep drawn and Co2 MIG welding, Valve construction: Forging & Machining, internal coating of can: Epoxy powder coating, External coating of Can: Epoxy polyester powder coating, sheet metal thickness:1.60mm, Helium leak detection tested with 5 years warranty Including transportation, all taxes and all labour charges etc complete.		
	MAT-04388	ELEC-9.4.5	Makes: As per list of recommended brands as category I.	1 No	6633
	MAT-04389	ELEC-9.4.6	Makes: As per list of recommended brands as category II.	1 No	4160
769			Supply and fixing of ISI mark (IS:15683) Mono ammonium phosphate powder 90 (MAP) 6 Kg Fire extinguisher, stored pressure type, pressure gauge, gross wt. 9.4 kg, empty wt.3.4 kg, Discharge time minimum 13 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fire, A rating -4 A, B rating -34 B, can construction: Deep drawn and Co2 MIG welding, Valve construction: Forging & Machining, internal coating of can: Epoxy powder coating, External coating of Can: Epoxy polyester powder coating, sheet metal thickness:1.60mm, Helium leak detection tested with 5 years warranty Including transportation, all taxes and all labour charges etc complete.		
	MAT-04390	ELEC-9.4.7	Makes: As per list of recommended brands as category I.	1 No	7711

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04391	ELEC-9.4.8	Makes: As per list of recommended brands as category II.	1 No	5693
			CLEAN AGENT FIRE EXTINGUISHERS		
770			Supply and fixing of ISI mark (IS:15683) Clean Agent HCFC 123, 2 Kg Fire extinguisher , Stored pressure type, pressure gauge, gross weight 3.7Kg , empty weight 1.7 Kg, discharge time minimum 8 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating- 1A, B rating-21B, can construction: Deep drawn & CO2 MIG welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyester powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty		
	MAT-04392	ELEC-9.4.9	Makes: As per list of recommended brands as category I.	1 No	16808
	MAT-04393	ELEC-9.4.10	Makes: As per list of recommended brands as category II.	1 No	11128
771			Supply and fixing of ISI mark (IS:15683) Clean Agent HCFC 123, 4 Kg Fire extinguisher , Stored pressure type, pressure gauge, gross weight 6.9Kg , empty weight 2.9 Kg, discharge time minimum 8 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating- 1A, B rating-21B, can construction: Deep drawn & CO2 MIG welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyester powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.		
	MAT-04394	ELEC-9.4.11	Makes: As per list of recommended brands as category I.	1 No	28256
	MAT-04395	ELEC-9.4.12	Makes: As per list of recommended brands as category II.	1 No	20286
772			Supply and fixing of Co2 type Fire Extinguishers **4.5 Kg capacity** confirming to IS 2878 made from ISI marked seamless cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, epoxy coated paint (Red) with 93% gloss with 2 years warranty including transportation, all taxes and all labour charges etc complete.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04396	ELEC-9.4.13	Makes: As per list of recommended brands as category I.	1 No	12180
	MAT-04397	ELEC-9.4.14	Makes: As per list of recommended brands as category II.	1 No	8252
773	MAT-04398	ELEC-9.4.15	Supply and fixing of Escape signage boards in Rigid Photo luminescent based glow in Dark rigid sheet with high intensity luminous properties with specification. Makes: As per list of recommended brands.	1 No	1518
774	MAT-04399	ELEC-9.4.16	Supply and fixing of Cease fire or its equivalent Escape gear Mild Steel box size 425mmx360mmx140mm Epoxy powder coated to protect it from Weathering , smoke hood tested to European Standard EN 403 1993-S known to reduce Carbon Monoxide, propend (acrolein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for at least 15 minutes shall with stand temperatures upto 80 degrees single use only Fire Blanket size 1.2m x1.8m used to cover any vessel containing used to Extinguish a clothing fire wrap blanket around the victim.	1 No	17078
775	MAT-04400	ELEC-9.4.17	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red outside and letter FIRE in black outside & Handle with mounting bracket.	1 Set	1518
776	MAT-04401	ELEC-9.4.18	Supply and fixing of Fire bucket stand fabricated by M.S. angles to install for Four numbers of buckets as per local fire officers' standards.	1 Set	1898

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			AEROSOL GENERATION SYSTEM (An alternative to water based sprinkler system)		
777	MAT-05591	ELEC-9.4.19	Supply, Installation and commissioning of Auto Detection and Suppression System using Non Pressurized Aerosol **Generator System with detection of thermocord to make the system standalone**. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time shall be 8 sec. The Generator has a net weight of 0.5 kg. Active Substance of 50gms. The Generator has a capacity to cover 1 m^3. Makes: As per list of recommended brands.	1 No	5175
778	MAT-05592	ELEC-9.4.20	Supply, Installation and commissioning of Auto Detection and Suppression System using Non-Pressurized Aerosol **Generator System with detection of thermocord and Inbuilt Aerosol Sprinkler flexibility of adjusting it for a temperature of 57/68/93/141 degree centigrade** as per the site environment to make the system standalone. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time shall be 18 sec. The Generator has a net weight of 2 kg. Active Substance of 300gms. The Generator has a capacity to cover 6 m^3. Makes: As per list of recommended brands.	1 No	40250
779	MAT-05593	ELEC-9.4.21	Supply, Installation and commissioning of Auto Detection and Suppression System using Non-Pressurized Aerosol **Generator System with detection of thermocord and Inbuilt Aerosol Sprinkler flexibility of adjusting it for a temperature of 57/68/93/141 degree centigrade** as per the site environment to make the system standalone. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time shall be 22 sec. The Generator has a net weight of 3 kg. Active Substance of 0.5 kg. The Generator has a capacity to cover 10 m^3. Makes: As per list of recommended brands.	1 No	51750

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
780	MAT-05594	ELEC-9.4.22	Supply, Installation and commissioning of Auto Detection and Suppression System using Non-Pressurized Aerosol **Generator System with detection of thermocord and Inbuilt Aerosol Sprinkler flexibility of adjusting it for a temperature of 57/68/93/141 degree centigrade** as per the site environment to make the system standalone to make the system standalone. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time shall be 45 sec. The Generator has a net weight of 4.6 kg. Active Substance of 1 kg. The Generator has a capacity to cover 20 m³. Makes: As per list of recommended brands.	1 No	74750
781	MAT-05595	ELEC-9.4.23	Supply, Installation and commissioning of Auto Detection and Suppression System using Non-Pressurized Aerosol **Generator System with detection of thermocord and Inbuilt Aerosol Sprinkler flexibility of adjusting it for a temperature of 57/68/93/141 degree centigrade** as per the site environment to make the system standalone to make the system standalone. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time shall be 56 sec. The Generator has a net weight of 5.6 kg. Active Substance of 2 kg. The Generator has a capacity to cover 40 m³. Makes: As per list of recommended brands.	1 No	94300
782	MAT-05596	ELEC-9.4.24	Supply, Installation and commissioning of Auto Detection and Aerosol Suppression System using Non-Pressurized Aerosol **Generator System with detection of thermocord and Inbuilt Aerosol Sprinkler flexibility of adjusting it for a temperature of 57/68/93/141 degree centigrade** as per the site environment to make the system standalone. It can be used for all classes of fire. The product Min. Life shall be 15 years and no Maintenance. The Discharge time should be 80 sec. The Generator has a net weight of 8 kg. Active Substance of 4 kg. The Generator has a capacity to cover 80 m³. Makes: As per list of recommended brands.	1 No	106950

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
783	*MAT-05597*	ELEC-9.4.25	Supply, Installation and commissioning of Aerosol Fire suppression control Panel is basically a 10 Zone conventional panel with LED indications for sensors is open or fire. When the fire is detected by Sprinkler, Aerosol gets activated. 10 Aerosol Sprinkler input and 10 Aerosol Generator outputs provided. The Panel consists of 10 individual manual operation switch and one master switch to activate 10 Aerosol Generator outputs simultaneously.	1 No	80500
784	MAT-05598	ELEC-9.4.26	Supply, Installation and commissioning of Aerosol control Switch is a Controller for Activation of Each Aerosol Generator Makes: As per list of recommended brands.	1 No	22425
785	MAT-05599	ELEC-9.4.27	Providing 'Fire Retardant Paint 1 hr Fire Resistance can be used to 'flame retard only 100 % cotton fabric, is normally used 'to treat coarse fabric e.g. tents etc. and gives coverage of 'approx. 120 to 130 sq.ft. to a fabric of 275-325 gsm. 'Can be applied 'Meant only for 100% cotton and coarse fabric like canvas '/ tents, natural wood etc. Makes: As per list of recommended brands.	1 No	2185
786	MAT-05600	ELEC-9.4.28	Providing 'Flame retard any kind of fabric, be it 100% polyester or '100% cotton. It is normally used to flame 'retard upholstery, curtains, carpets etc., gives a coverage 'of approx. 120 to 130 sq.ft. to a fabric of 275-325 gsm.	1 No	2990
787	MAT-05601	ELEC-9.4.29	Providing 'Fire Retardant coat towards passive protection to sustain 'up to 1000 Deg.C. for 1 hour. This product can be used for 'all the materials such as cable, steel, wood, cloth & 'concrete surface etc.	1 No	4830
788		ELEC-9.4.30	AUTO ABC 150KG FIRE EXTINGUSHING SYSTEM WITH AUTO FIRE DETECTION TUBE TECHNOLOGY SKIT MOUNTED ABC powder firefighting unit 150 kg capacity. Vessels are made of boiler quality steel plate 8 mm thick radiography welding as per ASME code. Skit mounted having an Auto Fire Detection tube 25mtr. long fitted. The	1 NO	588525

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			discharge line can be fixed with open type nozzle, expelling agent of Co2 cylinder agent which is fitted with Auto Fire Detection specially designed imported Ceodeux valve and specially designed DIFFUSER SYSTEM to achieve minimum 98% discharge. Used for all classes of fire. **This system consists of the following:** Expelling cylinder and Skit mounted ABC container with discharge output nozzle Expelling container connected through with manifold & diffuser nozzle to main cylinder. It is also fitted with Ceodex Valve, one end connected with Auto Fire Detection Tube to detect and another end fitted with pressure switch and hooter. Auto Fire Detection Tube will be installed with pressure of 12kg/cm2. In case of fire the tube gets rupture in the temperature 115 degree C . Whereby the pressure in tube comes down to 0 level sudden falling in pressure opens the valve and releases the expelling gas to main cylinder. through manifold and diffuser systems. Discharge from main cylinder at fixed pressure through rapture disc to flood and quench fire instantly. Rapture disc can also be designed depending upon hazardous area. This is the only latest technology which is used for all kinds of inflammable hazards at open area. **The fire fighting unit shall be made strictly as per the specifications to the satisfaction of State Disaster Response and Fire Serivces Vijayawada.** **Makes:** As per list of recommended brands.		
789		ELEC-9.4.31	Supply of manually operated Aerosol suppression System using Non-Pressurized Aerosol Generator system and also with detection of termocord. It can be used for all classes of fire, the product Minimum Life shall be 15 years and no maintenance. The Discharge time should be 26 sec. The Generator has a net weight of 6 kg. Active substance of 3 Kg. The generator has a capacity to cover 60 m3. ETDC-Govt of India Approved. Makes: - As per list of recommended brands.	1 No	93750

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
790		ELEC-9.4.32	Supply of manually operated Aerosol suppression System using Non-Pressurized Aerosol Generator system and also with detection of termocord. It can be used for all classes of fire, the product Minimum Life shall be 15 years and no maintenance. The Discharge time should be 20 sec. The Generator has a net weight of 5 kg. Active substance of 2 Kg. The generator has a capacity to cover 40 m3. ETDC-Govt of India Approved. Makes: - As per list of recommended brands.	1 No	78500
791		ELEC-9.4.33	Providing/ Conducting third-party audit of fire safety including submission of audit report for the whole premises.	1 Sq.mtr	8
		9.5	**FIRE HYDRANT AND SPRINKLER SYSTEM**		
			ELECTRIC DRIVEN MAIN FIRE PUMPS (SPLIT CASE)		
792	MAT-04402	ELEC-9.5.1	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following complete in all respect as required	1 Set	401856
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at the highest and farthest outlet at specified flow **of 1620 lpm** at **56 Mtr. head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
793	MAT-04403	ELEC-9.5.2	Supplying, installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	452088

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 2280 lpm** at **70 Mtr. head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
794	MAT-04404	ELEC-9.5.3	Supplying Installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following Complete in all respect as required.		703248
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of **2280 LPM and 120 Metres head conforming to IS 1520.**		
			b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c)M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required.		
			d)Suitable CC foundation of 1:2:4 ratio (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) duly plastered and with anti-vibration pads. Makes: As per list of recommended brands.		
795	MAT-04405	ELEC-9.5.4	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following complete in all respect as required.	1 Set	521157

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 2850 lpm** at 7**0 Mtr. head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
796	MAT-04406	ELEC-9.5.5	Supplying Installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following Complete in all respect as required.	1 Set	728364
			a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg/sq.cm. at highest and farthest outlet at specified flow of 2850 LPM and 120 Metres head conforming to IS 1520.		
			b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1470 RPM, suitable for operation on 415 volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c)M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required.		
			d)Suitable CC foundation of 1:2:4 ratio (1 Cement: 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) duly plastered and with anti-vibration pads Makes: As per list of recommended brands.		
			DIESEL ENGINE DRIVEN FIRE PUMPS		
797	MAT-04407	ELEC-9.5.6	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	522413

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 1620 lpm at 56 Mtr head** conforming to IS 1520		
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminum sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red color etc as required.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
798	MAT-04408	ELEC-9.5.7	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	753480
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 2280 lpm at 70 Mtr head** conforming to IS 1520		
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminum sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
799	MAT-04409	ELEC-9.5.8	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required		910455
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of 2280 lpm at 120 Mtr head conforming to IS 1520		
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminum sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
800	MAT-04410	ELEC-9.5.9	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required	1 Set	853944
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 2850 lpm at 70 Mtr head** conforming to IS 1520		
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminum sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with post office red colour etc as required.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
801	MAT-04411	ELEC-9.5.10	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required	1 Set	973245
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow **of 2850 lpm at 120 Mtr head** conforming to IS 1520		
			b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminum sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
			ELECTRIC DRIVEN MAIN FIRE PUMPS (END SUCTION)		
802	MAT-04412	ELEC-9.5.11	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	301392
			a) End suction back pull-out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing, capacity 171 Cum/hr (2850 LPM) at total head 70 M at operating speed 2900 rpm. Pump duty as per TAC		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			b) 55 KW / 75 HP, 3000 rpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c. supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
803	MAT-04413	ELEC 9.5.12	Supplying, installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	246137
			a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 137 Cum/hr (2280 LPM) at total head 70 mwc at operating speed 2900 rpm. Pump duty as per TAC		
			b) 45 KW / 60 HP, 3000 rpm, TEFC (IP55) Horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c. supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 225 M frame		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
804	MAT-04414	ELEC 9.5.13	Supplying, installation, Testing and commissioning of Electric engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required		180835
			a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing, capacity 97 Cum/hr (1620 LPM) at total head 56 mwc at operating speed 2900 rpm. Pump duty as per TAC		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			b) 30 KW / 40 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
			DIESEL ENGINE DRIVEN MAIN FIRE PUMPS (END SUCTION)		
805	MAT-04415	ELEC-9.5.14	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required	1 Set	626644
			a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 171 Cum/hr(2850 LPM) at a total head of 70 M when operated at 1800 rpm and pump duty as per TAC		
			b) Liquid cooled, 85 BHP at 1800 rpm, diesel engine (Radiator cooled) 12 Volts starting system with standard accessories		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
806	MAT-04416	ELEC-9.5.15	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following: complete in all respect as required	1 Set	499808
			a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 137 Cum/hr(2280 LPM) at a total head of 70 M when operated at 2150 rpm and pump duty as per TAC		
			b) Liquid cooled, 68 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
807	MAT-04417	ELEC-9.5.16	Supplying, installation, Testing and commissioning of Diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	437018
			a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 97 Cum/hr(1620 LPM) at a total head of 56 M when operated at 2150 rpm and pump duty as per TAC		
			b) Liquid cooled, 50 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
			JOCKEY PUMPS		
808	MAT-04418	ELEC-9.5.17	Supplying, installation , testing and commissioning of electric driven pressurization / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	61534
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow **of 180 lpm at 56 Mtr head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
809	MAT-04419	ELEC-9.5.18	Supplying, installation, testing and commissioning of electric driven pressurization / Jockey pump suitable for automatic operation and consisting of following: complete in all respect as required	1 Set	90418
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow **of 180 lpm at 70 Mtr head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
810	MAT-04420	ELEC-9.5.19	Supplying, installation, testing and commissioning of electric driven pressurization / Jockey pump suitable for automatic operation and consisting of following: complete in all respect as required	1set	138138
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow **of 180 lpm at 120 Mtr head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			BOOSTER PUMPS		
811	MAT-04421	ELEC-9.5.20	Supplying, installation, testing and commissioning of electric driven Terrace / Booster pump suitable for automatic operation and consisting of following: complete in all respect as required.	1 Set	70325
			a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow **of 900 lpm at 45 Mtr head** conforming to IS 1520		
			b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
812	MAT-04422	ELEC-9.5.21	Supplying, installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.	1 Set	62821
			a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 900 lpm at 45 Mtr head conforming to IS 1520		
			b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 9.3 KW / 12.5HP, 2 pole, TEFC, 415 V, 3ph motor		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
813	MAT-04423	ELEC-9.5.22	Supplying, installation, testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following: complete in all respect as required.	1 Set	59933

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 750 lpm at 35 Mtr head conforming to IS 1520		
			b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 7.5 KW / 10 HP, 2 pole, TEFC, 415 V, 3ph motor		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		
814	MAT-04424	ELEC-9.5.23	Supplying, installation, testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following: complete in all respect as required.	1 Set	55168
			a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 450 lpm at 35 Mtr head conforming to IS 1520		
			b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 5 KW / 7.5 HP, 2 pole, TEFC, 415 V, 3ph motor		
			c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
			d) Suitable cement concrete foundation duly plastered with anti-vibration pads. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			CONTROL PANELS		
815	MAT-05602	ELEC-9.5.24	Fabrication, supply, transportation, Installation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalized with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, suitable for main fire pump, pressurization pump & diesel pump set complete with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply. Makes: As per list of recommended brands.	1 No	266783
			INCOMING :		
			250A, 50kA 4 Pole MCCB, Ics = 100%, Icu rating		
			Digital Voltmeter 0-500V with selector switch		
			Digital Ammeter (0-250 A) with selector switch & CTs etc.		
			LED type RYB phase indicating lamps, ON, OFF, trip indicating lamps		
			Set of Copper Bus Bar 300A		
			OUTGOING :		
			(Note : All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps)		
			MAIN FIRE PUMP		
			125 A, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 60 HP pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation selector switch for local/remote, auto/manual/OFF operation.		
			JOCKEY PUMP		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			63 A, 50kA TPN MCCB, Ics=100% Icu, with suitable protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.		
			<u>DIESEL ENGINE CONTROL</u>		
			Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ low lube oil pressure, High Water Temp and Engine on indication Water Temp and Engine on indication. Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC voltmeter, and 0- 20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller.		
816	MAT-05603	ELEC-9.5.25	Designing, Supply, Transportation, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification Makes: As per list of recommended brands.	1 No	313935
			<u>INCOMING :</u>		
			400A, 50kA 4 Pole MCCB, Ics=100% Icu rating		
			Digital Voltmeter 0-500V with selector switch		
			Ammeter (0-400 A) with selector swtich & CTs etc.		
			LED type RYB phase indicating lamps, ON, OFF, trip		
			indicating lamps		
			Set of Copper Bus Bar 500A		
			<u>OUTGOING :</u>		
			(Note : All outgoing feeders for pumps should have		
			digital Ammeter with selector switches, and LED type		
			ON, OFF, trip indicating lamps)		
			MAIN FIRE PUMP		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			200 A, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 75 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.		
			JOCKEY PUMP		
			100 A, 50kA TPN MCCB, Ics=100% Icu, with suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.		
			DIESEL ENGINE CONTROL		
			Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempt starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ low lube oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller		
817	MAT-05604	ELEC-9.5.26	Designing, Supply, Transportation, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specifications. Makes: As per list of recommended brands.	1 No	347438
			<u>INCOMING :</u>		
			630A, 50kA 4 Pole MCCB, Ics=100% Icu rating		
			Digital Voltmeter 0-500V with selector switch		
			Ammeter (0-630 A) with selector swtich & CTs etc.		
			LED type RYB phase indicating lamps, ON, OFF, trip		
			indicating lamps		
			Set of Copper Bus Bar 800Amps		
			<u>OUT GOING :</u>		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			(Note : All outgoing feeders for pumps should have		
			digital Ammeter with selector switches, and LED type		
			ON, OFF, trip indicating lamps)		
			<u>MAIN FIRE PUMP</u>		
			250 A, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 100 hp pump with overload protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.		
			<u>JOCKEY PUMP</u>		
			125 A, 50kA TPN MCCB, Ics=100% Icu, with Suitable HP fully automatic Star/Delta starter with over load protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation.		
			<u>DIESEL ENGINE CONTROL</u>		
			Control for diesel engine comprising - Automatic/Manual selctor switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitbale for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller.		
818	MAT-05605	ELEC-9.5.27	Designing, Supply, Transportation, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification Makes: As per list of recommended brands.	1 No	406999
			<u>INCOMING :</u>		
			400A, 50kA 4 Pole MCCB, Ics=100% Icu Rating		
			Digital Voltmeter 0-500V with selector switch		
			Ammeter (0-400 A) with selector swtich & CTs etc.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			LED type RYB phase indicating lamps, ON, OFF, trip		
			indicating lamps		
			Set of Copper Bus Bar 500Amps		
			<u>OUT GOING :</u>		
			(Note : All outgoing feeders for pumps should have		
			digital Ammeter with selector switches, and LED type		
			ON, OFF, trip indicating lamps)		
			MAIN FIRE PUMPS		
			125 Amp, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 60 hp pump with overload protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			JOCKEY PUMP		
			63 Amp, 50kA TPN MCCB, Ics=100% Icu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			DIESEL ENGINE CONTROL		
			Control for diesel engine comprising - Automatic/Manual selctor switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indi Battery charger suitbale for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller		
819	MAT-05606	ELEC-9.5.28	Designing, Supply, Transportation, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification Makes: As per list of recommended brands.	1 No	486413

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			INCOMING :		
			630A, 50kA 4 Pole MCCB, Ics=100% Icu Rating		
			Digital Voltmeter 0-500V with selector switch		
			Ammeter (0-630 A) with selector swtich & CTs etc.		
			LED type RYB phase indicating lamps, ON, OFF, trip		
			indicating lamps		
			Set of Copper Bus Bar 800Amps		
			OUT GOING :		
			(Note : All outgoing feeders for pumps should have		
			digital Ammeter with selector switches, and LED type		
			ON, OFF, trip indicating lamps)		
			MAIN FIRE PUMP		
			200 Amp, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 75 hp pump with overload protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			JOCKEY PUMP		
			100 Amp, 50kA TPN MCCB, Ics=100% Icu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all acceessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			DIESEL ENGINE CONTROL		
			Control for diesel engine comprising - Automatic/Manual selctor switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitbale for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
820	MAT-05607	ELEC-9.5.29	Designing, Supply, Transportation, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification Makes: As per list of recommended brands.	1 No	620425
			<u>INCOMING :</u>		
			800A, 50kA 4 Pole MCCB, Ics=100% Icu Rating		
			Digital Voltmeter 0-500V with selector switch		
			Ammeter (0-800 A) with selector swtich & CTs etc.		
			LED type RYB phase indicating lamps, ON, OFF, trip		
			indicating lamps		
			Set of Copper Bus Bar 1000Amps		
			<u>OUT GOING:</u>		
			(Note : All outgoing feeders for pumps should have		
			digital Ammeter with selector switches, and LED type		
			ON, OFF, trip indicating lamps)		
			Main Fire Pump		
			250 Amp, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 100 hp pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			JOCKEY PUMP		
			125 Amp, 50kA TPN MCCB, Ics=100% Icu, with Suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. - 2 sets		
			DIESEL ENGINE CONTROL		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ low Lube Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0-20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller		
			MS PIPES		
821		ELEC-9.5.30	Providing, laying, testing & Commissioning of following classes MS pipes conforming to IS 3589 and 1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets including transportaiton and painting with two coats of red oxide paint and one coat of post office red enamel paint and all labour charges and cost of all accessories etc., complete. Makes: As per list of recommended brands.		
			C-CLASS MS PIPES		
	MAT-04425	a	250 mm dia	1 Mtr	5686
	MAT-04426	b	200 mm dia	1 Mtr	4932
	MAT-04427	c	150 mm dia	1 Mtr	3763
	MAT-04428	d	100 mm dia	1 Mtr	2341
	MAT-04429	e	80 mm dia	1 Mtr	1554
	MAT-04430	f	65 mm dia	1 Mtr	1172
	MAT-04431	g	50 mm dia	1 Mtr	937
	MAT-04432	h	40 mm dia	1 Mtr	794
	MAT-04433	i	32 mm dia	1 Mtr	627
	MAT-04434	j	25 mm dia	1 Mtr	469

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			B- CLASS MS PIPES		
	MAT-04435	a	250 mm dia	1 Mtr	5016
	MAT-04436	b	200 mm dia	1 Mtr	4348
	MAT-04437	c	150 mm dia	1 Mtr	3010
	MAT-04438	d	100 mm dia	1 Mtr	2006
	MAT-04439	e	80 mm dia	1 Mtr	1422
	MAT-04440	f	65 mm dia	1 Mtr	1054
	MAT-04441	g	50 mm dia	1 Mtr	820
	MAT-04442	h	40 mm dia	1 Mtr	619
	MAT-04443	i	32 mm dia	1 Mtr	502
	MAT-04444	j	25 mm dia	1 Mtr	418
822		ELEC-9.5.31	Supplying and fixing single headed Internal / External hydrant valve with instantaneous Gun metal/Stainless steel couplings of 63mm dia with Cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gun Metal cap and chain as required. Makes: As per list of recommended brands.		
	MAT-04445	a	Single Headed Gun Metal	1 No	10928
	MAT-05608	b	Single Headed Stainless Steel	1 No	7616
823		ELEC-9.5.32	Supplying, fixing, testing and commissioning of butterfly valve PN 1.6, with Bronze / Gun metal seat duly ISI marked complete with Nuts, Bolts, Washers, gaskets, conforming to IS 13095 of following sizes as required. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04446	a	(a) 250 mm . dia	1 No	14971
	MAT-04447	b	(b) 200 mm . dia	1 No	6379
	MAT-04448	c	(c) 150 mm dia	1 No	5337
	MAT-04449	d	(d) 100 mm dia	1 No	4101
	MAT-04450	e	(e) 80 mm dia	1 No	3775
824		ELEC-9.5.33	Providing, installation, testing and commissioning of dual Plate non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required. Makes: As per list of recommended brands.		
	MAT-04451	a	a) 250mm dia	1 No	25775
	MAT-04452	b	(b) 200 mm dia	1 No	13175
	MAT-04453	c	(c) 150 mm dia	1 No	9451
	MAT-04454	d	(d) 100 mm dia	1 No	5467
	MAT-04455	e	(e) 80 mm dia	1 No	4426
	MAT-04456	f	(f) 50 mm dia	1 No	2577
825		ELEC-9.5.34	Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked . Makes: As per list of recommended brands.		
	MAT-04457	a	250 mm . dia	1 No	19918
	MAT-04458	b	200 mm . dia	1 No	14320
	MAT-	c	150 mm dia	1 No	9113

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	04459				
	MAT-04460	d	100 mm dia	1 No	6118
	MAT-04461	e	80 mm dia	1 No	4556
	MAT-04462	f	(50 mm dia	1 No	3645
826		ELEC-9.5.35	Providing, installation, testing and commissioning of gun metal valves of following sizes as required. Makes: As per list of recommended brands.		
	MAT-04463	a	50 mm dia	1 No	2083
	MAT-04464	b	40 mm dia	1 No	1692
	MAT-04465	c	32 mm dia	1 No	1529
827		ELEC-9.5.36	Supplying and fixing 63mm dia, 15 mtr long RRL hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Makes: As per list of recommended brands.		
	MAT-04466	a	Gun metal	1 No	7330
	MAT-05609	b	SS couplings	1 No	5468
828		ELEC-9.5.37	Supplying and fixing 63mm dia, 15 mtr long CP hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Makes: As per list of recommended brands.		
	MAT-04467	a	Gun metal	1 No	6249
	MAT-05610	b	SS couplings	1 No	5207

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
829		ELEC-9.5.38	Supply, installation, testing and commissioning of stainless steel Y–strainer fabricated out of 1.6 mm thick SS 304 with following sizes confirming to IS specifications complete with rubber gasket, GI bolts , nuts, washers etc as required. Makes: As per list of recommended brands.		
	MAT-04468	a	250mm dia	1 No	26348
	MAT-04469	b	200 mm . dia	1 No	24344
	MAT-04470	c	150 mm dia	1 No	11455
	MAT-04471	d	100 mm dia	1 No	6158
	MAT-04472	e	80 mm dia	1 No	5585
830	MAT-04473	ELEC-9.5.39	Supplying and fixing First -Aid Hose Reel with MS construction spray painted in Post office Red, Conforming to Is 884 with upto date amendments, complete with the following as required. Makes: As per list of recommended brands.	1 No	8722
			a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585		
			b) 20mm (Nominal internal) dia gun metal ball/gate valve and nozzle.		
			c) Drum and brackets for fixing the equipment on wall.		
			d) Connections from riser with 25mm dia stop valve (gun metal) & MS pipe.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
831	MAT-04474	ELEC-9.5.40	Supplying and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required. Makes: As per list of recommended brands.	1 No	4153
832		ELEC-9.5.41	Supply and fixing 63mm dia Gun metal branch pipe with 20mm (Nominal internal diameter) size Gun metal / SS nozzle conforming to IS 903, suitable for instantaneous connection to interconnect hose pipe coupling as required. Makes: As per list of recommended brands.		
	MAT-04475	a	Gun metal	1 No	2864
	MAT-05611	b	SS couplings	1 No	2083
833	MAT-04476	ELEC-9.5.42	Supply and fixing 4 way fire brigade connection of cast iron body with 4 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 150mm dia MS pipe connection, conforming to IS 904 as required. Makes: As per list of recommended brands.	1 No	10414
834	MAT-04477	ELEC-9.5.43	Supply and fixing 2 way fire brigade connection of cast iron body with 2 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 100mm dia MS pipe connection, conforming to IS 904 as required. Makes: As per list of recommended brands.	1 No	7811
835	MAT-04478	ELEC-9.5.44	Supply and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25mm dia Gun metal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	1 No	19471

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
836	MAT-04479	ELEC-9.5.45	Providing fixing, testing and commissioning of 15mm size quartzoid bulb type sprinklers of rating 68º C. pendent / side wall with required accessories. Makes: As per list of recommended brands.	1 No	557
837	MAT-04480	ELEC-9.5.46	Supply fixing, testing and commissioning of UL approved flexible dropper of 1.5 mtr length with required accessories Makes: As per list of recommended brands.	1 No	1329
838	MAT-04481	ELEC-9.5.47	Providing and fixing of Pressure Switch in the MS pipeline including connection etc as required. Makes: As per list of recommended brands.	1 No	2847
839	MAT-04482	ELEC-9.5.48	Providing and fixing Flow Switches in 100mm dia MS pipe. Makes: As per list of recommended brands.	1 No	6072
840	MAT-04483	ELEC-9.5.49	Providing and fixing Flow Switches in 150 mm dia MS pipe. Makes: As per list of recommended brands.	1 No	8476
841	MAT-04484	ELEC-9.5.50	Supply, installation, testing and commissioning of Bourdon type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm2. Makes: As per list of recommended brands.	1 No	759
842	MAT-04485	ELEC-9.5.51	Supply, installation, testing and commissioning of 25mm dia Gate valve. Makes: As per list of recommended brands.	1 No	1367
843	MAT-04486	ELEC-9.5.52	Supply, installation, testing and commissioning of 25mm dia Ball valve. Makes: As per list of recommended brands.	1 No	755
844	MAT-04487	ELEC-9.5.53	Supply, installation, testing and commissioning of 25 / 20mm dia Air Release Valve Makes: As per list of recommended brands.	1 No	1432
845		ELEC-9.5.54	Supply, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stock bar of following sizes complete as required. Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04488	a	750mm to 800 mm	1 No	1139
	MAT-04489	b	1000 mm to 1200 mm	1 No	1329
	MAT-04490	c	1500 mm	1 No	1582
846		ELEC-9.5.55	Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required : Makes: As per list of recommended brands.		
	MAT-05612	a	80mm dia	1 No	46865
	MAT-05613	b	100mm dia	1 No	49468
	MAT-04491	c	150mm dia	1 No	52072
847		ELEC-9.5.56	Supplying, installing, testing and commissioning of CI body Foot Valve with brass strainer with necessary flanges, nuts and bolts etc., complete on to the suction line. Makes: As per list of recommended brands.		
	MAT-04492	a	a) 200mm nominal dia	1 Ea	29030
	MAT-04493	b	b) 150mm nominal dia	1 Ea	15622
	MAT-04494	c	c) 100mm nominal dia	1 Ea	8722
	MAT-04495	d	d) 80mm nominal dia	1 Ea	5988
848		ELEC-9.5.57	Supply and laying of 300mm dia NP2 RCC Hume pipe with Collars for Road crossings -As per Civil SoR		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
849		ELEC-9.5.58	Supplying and wrapping the anticorrosive material for buried pipes with coating of Primer and wrapping with 4 mm thick polymer corrosion resistant tape as per IS: 10221 with 15 mm overlap as per specifications. Makes: As per list of recommended brands.		
	MAT-04496	a	a) 200mm nominal dia	1 Mtr	521
	MAT-04497	b	b) 150mm nominal dia	1 Mtr	391
	MAT-04498	c	c) 100mm nominal dia	1 Mtr	352
	MAT-04499	d	d) 80mm nominal dia	1 Mtr	300
850	MAT-04500	ELEC-9.5.59	Supply, fabricating, installing structural steel supports for fixing all sizes of MS pipes from ceiling / wall with MS Channels, Angles, Flats, Rods, as required at site with anchor fasteners, Clamps, threaded rods, nuts, bolts, washers etc complete with painting.	1 Kg	82
851	MAT-08784	ELEC-9.5.60	Fabrication ,transportation and supply of fully outdoor type wall mounted/floor mounted automatic control panel board with IP-66 protection for 3 phase 7.5 H.P. Motor of Booster Pump set of size 600x 600 x 250mm made of 18 SWG CRCA sheet steel enclosure, 14 SWG mounting plate for cable entry fabricated , painted with two coats of Red oxide primer and two coats of Grey paint, lock and key arrangements two side louvers with weld mesh inside and mounted on suitable angle frame work of 450mm height on a PCC pedestal over the terrace consisting of the following equipment/ components with all internal wiring for power and control circuits and control wiring from sensors like pressure switches etc., using copper FRLS cables of suitable size and capacity and cable clamp etc complete with DOL Starter of including cost of all materials and all labour charges, transportation etc., complete for finished item of work. (Panel shall be fabricated from reputed and branded manufacturers approved by dept and having CPRI approval with CPRI test certificates).	1 No	24817

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
			1) Supply & Fixing of DOL Starter suitable for 7.5 HP Pump Motor - 1 No 2) Supply and fixing of (0-500) V range Voltmeter on existing panel, making connection by PVC insulated copper conductor with PVC sleeves/channel etc., as required. -1 No 3) Supply and fixing of CT operated direct reading type Ammeter, below 500A, on existing panel, making connection by PVC insulated copper conductor with PVC sleeves/channel etc. as required - 1 No 4) Supply and fixing of selector switch for Voltmeter & Ammeter (4 position) including making connection etc. as required - 2 No 5) Supply and fixing of 240/220 V, LED (22.5 mm dia) Pilot indication lamps Red, Yellow & Bue Colour with integral circuit, terminal block, including connection etc. as required - 3 No 6) Supply and Fixing of Single Phase Preventor of suitable range - 1No. 7) Supply and fixing of ISI Mark suitable capacitor 8) Supply and Fixing of MPCB (Motor Protection Circuit Breaker) suitable for 7.5 HP Motor, Icu=50 KA with adjustable thermal and magnetic release Panel Mounted 9) Supply and Fixing of Non-Luminous type, ON/OFF/TRIP push button actuators and integral contact block of dia. 22.5 mm including making connections etc. as required. 10) Supply and Fixing of AC operated heavy duty 230 /440 Volt power contactor conforming to IS:13947-4-1/IEC:947-4-1 having provision of mechanical interlocking, Din rail mounting type including making connections, testing etc. as required. - 3 pole, 35-40A, AC3 Rating, Contactor - 1 No 11) Supply and fixing of 24 V DC, Aux Contactor with 2 NO + 2NC Contacts with suitable NO+NC ADD on Block 12) Supply and fixing of thermal over load relay with		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			built in single phase protection and having at least 1NO & 1NC contacts, manual /auto reset facility including making connection testing etc. as required - 1 No 13) Supply and Fixing of Current Transformer, upto 150 / 5 ratio, 10 VA , class 1 accuracy with all necessary support in existing panel including connection etc. as required - 3 No		
			Control & Power wiring with suitable size of approved make FRLS PVC flexible copper wires and from pressure sensors etc., Earth Bus Bar, Door Loop earthing, Ferrules, danger plate, door locks, mounting arrangements with 40x40x6mm MS angle iron frame, PCC and masonry work, painting for MS angle frame with red oxide and enamel paint etc., and all other accessories including all labour charges etc with connections for finished item of work including transportation charges		
852	MAT-08785	ELEC-9.5.61	Providing and fixing of gun metal fire Brigade suction Hose coupling (Draw-out Connection) with nut for female coupling as per IS:902- 1974 complete with 100 mm dia. G.I. Suction pipe and 100 mm dia. 1No. C.I. Foot valve flanged (to be connected to static water tank). Makes: As per list of recommended brands.		7854
853	MAT-08786	ELEC-9.5.62	Providing, installation, testing & commissioning of water curtain nozzle 15mm dia nickel chrome plated brass, BSPT, K-factor as per design consideration complete as required. Makes: As per list of recommended brands.		556
854	MAT-08787	ELEC-9.5.63	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange& landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm2 complete as required. Makes: As per list of recommended brands.		1086

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
855		ELEC-9.5.64	Supply, Installation, testing and commissioning of stainless steel puddle flange fabricated out of1.6mm thick SS 304 confirming to IS specifications including nuts, bolts and rubber insertions etc. Makes: As per list of recommended brands.		
	MAT-08788	a	150 mm dia	1 No	7315
	MAT-08789	b	100mm dia	1 No	6380
	MAT-08790	c	80 mm dia	1 No	4950
	MAT-08791	d	65 mm dia	1 No	3300
	MAT-08792	e	50 mm dia	1 No	3080
856	MAT-08793	ELEC-9.5.65	Supply, Erection, Testing and commissioning of Sluice valves as per IS:14846 (PN 10 Rating, for suction side of the pumps) and rising spindle type with flanges, bolts, nuts, washers, gaskets etc. The valve shall be fitted with Supervisory switch for monitoring. Makes: As per list of recommended brands.		
			100mm dia		12100
857	MAT-08794	ELEC-9.5.66	Supplying, installation, testing & commissioning of deluge valve (to be used for water curtains) UL listed with wet pilot basic trim assembly for DVA with test and alarm, drip and drain valve with water motor gong complete as required. Makes: As per list of recommended brands.		
			150mm dia		102198
858	MAT-08795	ELEC-9.5.67	Providing, installation, testing & commissioning of electric release trim assembly for deluge wall with two way solenoid valve, weather proof operation on 24 volts DC supply complete as required. Makes: As per list of recommended brands.		6204
859	MAT-08796	ELEC-9.5.68	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish as per specifications complete as required.		171

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
860		ELEC-9.5.69	Supply & Installation, Testing and commissioning of trolley mounted, electrically operated triplex plunger pumps with 2-H.P, 1-Phase 1450 rpm, 1-phase motor with high pressure triplex pump of 5-0 kg/cmv with nylon hydraulic hose pipe of 3/4" dia, 5mt height for suction and 3/8" dia 30mt length for delivery with all required nozzles has values, high pressure gun, fittings etc with come of 3-core,2.5 Sq mm flexible copper cable with 3-pin 16A top and all required accessories and labour charges for erection, testing including transportation etc. complete, Make of motor: crompton, kiroken, texmo,suguna with ISI mark, Pump: Green tech, Kisan, Ultrajet, Pressurejet, Ambica tools, searaa or any ISI	Each	41625
861		ELEC-9.5.70	Supply and installation, testing and commissioning of trolley mounted 6.50HP high pressure petrol driven triplex pump with hydraulic nylon pipes 3/4" dia,5mt length for suction 3/8" dia 30mt length for delivery, nozzles, values high pressure gun, fitting etc complete with all required accessories and labour charges for erection testing and transportation etc complete.	Each	35000
862		ELEC-9.5.71	Supply & Installation, Testing and commissioning of trolley mounted, electrically operated triplex plunger pumps with 5-H.P, 1-Phase 1450 rpm, 1-phase motor with high pressure triplex pump of 5-0 kg/cmv with nylon hydraulic hose pipe of 3/4" dia, 5mt height for suction and 3/8" dia 30mt length for delivery with all required nozzles has values, high pressure gun, fittings etc with come of 3-core,2.5 Sq mm flexible copper cable with 3-pin 16A top and all required accessories and labour charges for erection, testing including transportation etc. complete, Make of motor: crompton, kiroken, texmo, suguna with ISI	Each	46725
			SECTION 10		
		10.1	**GENERATORS SPECIFICATION**		
		ELEC-10.1.1	Deleted		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		a	Deleted		
		b	Deleted		
	MAT-04501	**c**	Deleted		
		d	Deleted		
		e	Deleted		
	MAT-04502	**f**	Deleted		
	MAT-04503	**g**	Deleted		
	MAT-04504	**h**	Deleted		
	MAT-04505	**i**	Deleted		
		(a to i)	Deleted		
	MAT-04506	**j**	Deleted		
		k	Deleted		
	MAT-04508	**l**	Deleted		
	MAT-04509	**m**	Deleted		
	MAT-04510	**n**	Deleted		
		(j to n)	Deleted		
	MAT-04511	**o**	Deleted		
	MAT-04512	**p**	Deleted		
	MAT-04513	**q**	Deleted		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-04514	**r**	Deleted		
	MAT-04515	**s**	Deleted		
	MAT-04516	**t**	Deleted		
		(o to t)	Deleted		
863		ELEC-10.1.2	Supply Installation Testing and Commissioning of AUTO MAINS FAILURE (AMF) Panel with IP 52 protection, fabricated from CRCA sheet steel 2mmThick , Powder coated finish , Engine START & STOP commands, control RELAYS, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter ,4pole MCCBs for EB Supply and DG Supply of required rating and breaking capacity, automatic battery charger(External charger for DG) Control & Power Contactors, Timers, Electronic Hooter ,Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets:		
	MAT-04517	a	25 to 40 KVA	1 No	95288
	MAT-04518	b	50 to 63.5 KVA	1 No	139755
	MAT-04519	c	80 to 160 KVA	1 No	196928
	MAT-04520	d	180 to 250 KVA	1 No	266805
	MAT-04521	e	320 to 500 KVA	1 No	330330
	MAT-04522	f	deleted	1 No	
	MAT-04523	g	Deleted	1 No	
	MAT-04524	h	deleted	1 No	

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
864	MAT-04525	ELEC-10.1.3	Supply and fixing of Thermal Insulation with asbestos Rope for Exhaust pipe	Mtr	251
865	MAT-04526	ELEC-10.1.4	Supply and fixing of Thermal Insulation with Rock/Glass Wool with Aluminum cladding (Density - 96 Kg/m3 thickness -50mm) for Exhaust pipe	Mtr	1247
			CPCB IV		
866		10.1.5	Supply Installation Testing And commissioning of CPCB IV+ DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. **Alternator** 1. 1500 RPM, 1P or 3P, Brushless type, screen protected, revolving field, Self-excited alternator conforming to IS/IEC 60034-1 IP23, with standard Alternator Protection (over voltage, over speed & Under voltage) 2. A reliable long life with superior class 'H' insulation with temperature rise to Class H **Diesel Engine:** Engine: Engine should comprise of Silencer, Electronic governor from >25 KVA & above, suitable rating battery , Battery charging alternator, battery charger , Inbuilt Fuel tank with fuel pipe, AVM pads , Control panel with 3P MCCB of suitable rating with short circuit protections (25kA,36kA, 50kA) with microprocessor based controller indicating genset parameters (i.e. volt, amps, KWH, KVAR, Hrs etc.), The diesel engine shall be capable of providing 10% overload for 1 Hr for every 11 Hrs of continuous running at full load. The DG set shall be supplied as per OEM specifications and shall be tested at site along with below. 1. CRDI Engine >25 KVA DG set 2. Water cooled Radiator coupled to engine 3. Dry type air cleaner with service indicator 4. First fill of lube oil, Coolant & first fill of Diesel 5. Electrical starter motor with soft start System 6. Battery charging alternator 7. Remote Monitor system >58.5 KVA & Above 8. 2 years / 5000 Hrs Warranty from commissioning or 30-month form supply.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			9. Emission control system - EGR & (DOC, SCR for >75 KVA DG set) 10.10 Mtrs Exhaust pipe from Silencer **Genset Controller:** 1. Microprocessor based genset monitoring, metering and control system with full graphics LCD display for easy front panel access. 2. AMF relay, manual and remote start / stop modes for 1-ph & 3-ph gensets 3. Backlit and full graphics display with power saving feature 4. Engine parameter monitoring -Lube oil pressure, Engine coolant temperature, Fuel level, Battery voltage, Engine running hours 5. AC Alternator parameter monitoring -Voltage L-N & L_L, Current, kW, kVA (Phase & Total), Frequency, kWH, PF 6. Genset Protection: Engine: Low lube oil pressure, High coolant temperature, Battery High/Low Volts, Fail to Start, Sensor failure, Low fuel level, Overspeed AC Alternator: Over/Under Voltage, Over/Under, Frequency, Loss of AC sensing, Over frequency, Over Current, kW Overload, Unbalancing load 7. Maintenance notification based on Engine Run Hour & due date 8.Communication: USB port, RS485, CAN 9.30-50 Event logs		
			Acoustic Enclosure: 1. Specially designed to meet stringent MOEF/CPCB IV+ norms 2. Weatherproof, powder coated Acoustic enclosure for DG set for sound attenuation fabricated from 1.2 mm / 1.6 mm CRCA sheet steel (structure) with side wall fabricated from 1.2mm /1.6 mm CRCA sheet and filled with PU Foam/Rockwood for Fire retardant acoustic and for better safety 3. Designed to operate in extreme climatic conditions in temperatures ranging from -10 deg to 55 deg without any external aid 4. Fabricated base frame with AVM pads. 5. Noise level is less than 75 db (A) at a distance of 1 Mtrs as per CPCB norms, complete in all respect. following capacity:		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Radiator Cooled and Turbocharged		
		a	5 kVA at 0.8 pf 230V 50Hz 1-Ø	1 No	296604
		b	10 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	395616
		c	15 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	414929
		d	20 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	459560
		e	25 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	607033
		f	30 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	648010
		g	40 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	732504
		h	58.5kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	857472
		i	125 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	1436203
		(a to i)	Makes: As per list of recommended brands.		
		j	160 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	1921778
		k	200 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	2428584
		l	250 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	2657843
		m	320 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	3444846
		n	380 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	4581590
		(j to n)	Makes: As per list of recommended brands.		
		o	500kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	5264424
		p	625 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	6528148
		q	750 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	6947600
		r	1000 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	8162000
		s	1250 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	11058062
		t	1500 kVA at 0.8 pf 415V 50Hz 3-Ø	1 No	12826704
		(o to t)	Makes: As per list of recommended brands.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			SECTION 11		
		11.1	**INVERTERS and ONLINE UPS SYSTEMS**		
867		ELEC-11.1.1	Supply and installation of ……. inverter (home UPS system) pure sine wave output, single phase input / Single phase output. Makes: As per list of recommended brands.		
	MAT-04527	a	800 VA, 12 V DC	1 No	9350
	MAT-04528	b	1400 VA, 24 V DC	1No	13200
	MAT-04529	c	2000 VA, 36 V DC	1No	18700
868		ELEC-11.1.2	Supply installation Testing and commissioning of ..... KVA on line UPS system confirms to IS 16242(Part-I):2014 and IEC 62040-1: 2008 with IGBT technology pure sine wave output, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: As per list of recommended brands.		
	MAT-04530	a	2.0 KVA, 72/96VDC	1 No	31126
	MAT-04531	b	3.0 KVA, 72/96 VDC	1 No	42798
	MAT-04532	c	3.0 KVA, 72/96 VDC with Isolation Transformer	1 No	56376
	MAT-04533	d	6.0 KVA, 192/240 VDC with Isolation Transformer	1 No	96944
	MAT-04534	e	7.0 KVA, 192/240 VDC with Isolation Transformer	1 No	117078
	MAT-04535	f	10.0 KVA, 192-240 VDC with Isolation Transformer	1 No	140941
869		ELEC-11.1.3	Supply installation Testing and commissioning of ..... KVA on line UPS system as per IEC 62040-I (Safety), IEC 62040-3 (Performance) for critical IT solutions, fully digital IGBT Converter and Inverter, SCR rectifier with Internal /External isolation transformer from DC to AC, PWM, pure sine wave output, double conversion, output pf 0.8, with paralleling facility, standard communication features/options auto and manual static by pass switch three phase input / Three phase output. acoustic level shall be less than 58dB at 1 mtr distance.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
	MAT-04536	a	10.0 KVA 192/240/312/360 V DC	1 No	310788
	MAT-04537	b	15.0 KVA 192/240/312/360 V DC	1 No	363688
	MAT-04538	c	20.0 KVA 192/240/312/360 V DC	1 No	376913
	MAT-04539	d	30.0 KVA 360/384/480 V DC	1 No	469488
	MAT-04540	e	40.0 KVA 360/384/480/504 V DC	1 No	568675
870		ELEC-11.1.4	Supply installation Testing and commissioning of ..... KVA on line UPS system as per IEC 62040-I(Safety), IEC 62040-3 (Performance) for critical IT solutions, fully digital IGBT Converter and Inverter,SCR rectifier with Internal /External isolation transformer from DC to AC, PWM, pure sine wave output, double conversion ,output pf 0.8, with paralleling facility , standard communication features/options auto and manual static by pass switch three phase input / Three phase output. Acoustic level shall be less than 58dB at 1 mtr distance. Makes: As per list of recommended brands.		
	MAT-04541	a	60 KVA 480/504/528/600/720 V DC	1 No	735000
	MAT-04542	b	80.0 KVA 480/504/528/600/720 V DC	1 No	845000
	MAT-04543	c	100.0 KVA 480/504/528/600/720 V DC	1 No	1085000
	MAT-04544	d	120.0 KVA 480/504/528/600/720 V DC	1 No	1210000
	MAT-04545	e	160.0 KVA 480/504/528/600/720 V DC	1 No	1410000
	MAT-04546	f	200.0 KVA 480/504/528/600/720 V DC	1 No	1725000
871	MAT-04547	ELEC-11.1.5	Supply and providing of UPS cum battery rack up to 4 batteries	1 No	1650
872	MAT-04548	ELEC-11.1.6	Supply and providing of battery rack for 5 to 10 batteries (42 AH)	1 No	3300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
873	MAT-04549	ELEC-11.1.7	Supply and providing of battery rack upto 11 to 20 batteries (42 AH)	1 No	5500
874	MAT-04550	ELEC-11.1.8	Supply and providing of battery rack upto 20 to 30 batteries (65 & 100 AH)	1 No	9900
875	MAT-04551	ELEC-11.1.9	Supply and fixing of 12V 26 AH SMF battery with 3 years warranty, including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	3520
876	MAT-04552	ELEC-11.1.10	Supply and fixing of 12V 42 AH SMF battery with 3 years warranty including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	6270
877	MAT-04553	ELEC-11.1.11	Supply and fixing of 12V 65 AH SMF battery with 3 years warranty including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	7128
878	MAT-04554	ELEC-11.1.12	Supply and fixing of 12V 100 AH SMF battery with 3 years warranty including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	11484
879	MAT-04555	ELEC-11.1.13	Supply and fixing of 12V 120/130 AH SMF battery with 3 years warranty including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	12276
880	MAT-04556	ELEC-11.1.14	Supply and fixing of 12V, 150 AH SMF battery with 3 years warranty including wire leads, connections etc complete. Makes: As per list of recommended brands.	1 No	17160
881	MAT-04557	ELEC-11.1.15	Supply and fixing of 12V, 200 AH SMF battery with 3 years warranty including wire leads, connections etc complete., Makes: As per list of recommended brands.	1 No	23760
882		ELEC-11.1.16	Supply and fixing of 12V, 100 AH Tubular/MF battery including wire leads Makes: As per list of recommended brands.	1 No	11766
883	MAT-04559	ELEC-11.1.17	Supply and fixing of 12V, 150 AH Tubular/MF battery including wire leads.	1 No	15610

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1		2	3	4	5
			Makes: As per list of recommended brands.		
884		ELEC-11.1.18	Supply and fixing of 12V, 200 AH Tubular/MF battery including wire leads. Makes: As per list of recommended brands.	1 No	18627
			SERVO CONTROLLED VOLTAGE STABILISERS		
885		ELEC-11.2.1	Supply, Installation, Testing & Commissioning of Micro controller based confirming to IS:9815 IP 20 Servo Controlled 3 phase voltage stabilizer with Input Voltage Range: 340-480 V, Output Voltage : 415V ± 1% (230V Phase) Rated supply frequency : 47 - 53 Hz Ambient Temperature : 45° C Continuous Duty cycle with low voltage/High Voltage/Over load/Short Circuit/single phase prevention protections,3 Nos sensing Transformers, Correction rate :30 V/sec, Input on, Input Low, Input High, Output On, Output Cutoff, Auto / Manual Selector switch, Increase / Decrease Selector switch, Volts adj. Potentiometer, Voltmeter to read input and Output Voltage with Selector switch, Ammeter to read the Output current 3 phase SCVS, Input MCCB, Bypass, Output Contactor, Type Air Cooled etc., complete with all labour charges and with connections.		
		a	10 KVA	1 No	57717
		b	15 KVA	1 No	62557
		C	20 KVA	1 No	73447
		D	30 KVA	1 No	98010
		E	40 KVA	1 No	102124
		F	50 KVA	1 No	126990
		G	60 KVA	1 No	148346

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		H	75/80 KVA	1 No	189849
		i	100 KVA	1 No	231836
			SECTION – 12		
		12.1	**TEMPORARY ILLUMINATION**		
886	HIR-00241	ELEC-12.1.1	Hire charges for Temporary illumination, consisting of 20W LED tube light complete with required switchgears with continuous earth wire duly erected and dismantled with required scaffolding including cost and conveyance of all materials and labour charges etc., complete for one day.	1 No	43
887	HIR-00242	ELEC-12.1.2	Hire charges for Temporary illumination, consisting of flood light fitting 1000/500W complete halogen fitting with lamp, holders, mains and required switchgears with continuous earth wire erected and dismantled with required scaffolding for one day.	1 No	354
888	HIR-00243	ELEC-12.1.3	Hire charges for Temporary illumination, consisting of 400W Metal halide flood light fitting with lamp, holders, mains and required switchgears with continuous earth wire erected and dismantled with required scaffolding for one day.	1 No	416
889	HIR-00244	ELEC-12.1.4	Hire charges for Temporary illumination, consisting of 400W Metal Halide flood light fitting with Coloured lamp (Blue / Pink / Yellow / Red etc.,) holders, mains and required switchgears with continuous earth wire erected and dismantled with required scaffolding for one day.	1 No	456
890	HIR-00245	ELEC-12.1.5	Hire charges for Temporary illumination, consisting of 54 W LED RGB Parcan light fitting non integral, weather proof die cast aluminum housing with IP66 protection with control gear box, control gear with required cables, holder, mains duly erected with required scaffolding and dismantled on existing poles including cost and conveyance of all materials and labour charges etc., complete for one day.	1 No	440

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
891	HIR-00246	ELEC-12.1.6	Hire charges for providing temporary illumination consisting of flood light fitting 150/200 W complete LED fitting with lamp, complete required switchgear erected and dismantled with using scaffolding for one day.	1 No	507
892	HIR-00247	ELEC-12.1.7	Hire charges for temporary illumination consisting of strip lights 8mm LED lights of various colors (Navar Patta) complete with holders, required wire leads erected and dismantled including required scaffolding and T&P including cost and conveyance of all materials and all labour charges etc., complete for one day.	1000 Nos	1589
893	HIR-00248	ELEC-12.1.8	Hire charges for temporary illumination consisting of white color series lights with miniature lamps of 8mm LED lights with required wire leads erected and dismantled including required scaffolding and T&P including cost and conveyance of all materials and all labour charges etc., complete for one day.	1000 Nos	1092
894	HIR-00249	ELEC-12.1.9	Hire charges for temporary illumination consisting of LED RGB pixel series strip lights 8mm LED lights of various colors (Navar Patta) complete with holders, required wire leads erected and dismantled including required scaffolding and T&P including cost and conveyance of all materials and all labour charges etc., complete for one day.	1000 Nos	1352
895	HIR-00250	ELEC-12.1.10	Hire charges for temporary illumination consisting LED, RGB pixel series lights with miniature lamps of 8mm LED lights with required wire leads erected and dismantled including required scaffolding and T&P including cost and conveyance of all materials and all labour charges etc., complete for one day.	1000 Nos	867
896	HIR-00251	ELEC-12.1.11	Hire Charges for National Flag of size 8"x4"Comprising LEDs with required wire leads and switch gear etc., complete for one day.	1 No	6064
897	HIR-00252	ELEC-12.1.12	Hire charges for supply and maintaining of oscillating type pedestal air circulators 600/900 mm connected with necessary mains, required switchgears with continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	194

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
898	HIR-00253	ELEC-12.1.13	Hire charges for supply and maintaining of oscillating type pedestal fan 16" (400 mm) or ceiling fan connected with necessary mains, required switchgears with continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	179
899	HIR-00254	ELEC-12.1.14	Hire charges for providing 1.1KW , 24500 m3/Hr Air cooler and required materials with necessary mains switch gear with continues earth lead during function duly removing including cost and conveyance of all materials and labour charges etc., complete for one day.	1 No	1504
900	HIR-00255	ELEC-12.1.15	Hire charges for supply and maintaining of heavy duty exhaust fan 18" or 24” connected with necessary mains, required switchgears with continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	179
901	HIR-00256	ELEC-12.1.16	Hire charges for supply and maintaining of plug points with 16A/6A 5 Pin socket and switch with necessary mains, required switchgears and continuous earth connection for one day.	1 No	75
902	HIR-00257	ELEC-12.1.17	Hire charges for supply and maintaining 280 liters capacity refrigerator complete with M.S. stand if necessary, connected with mains, switchgear and continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	607
903	HIR-00258	ELEC-12.1.18	Hire charges for supply and maintaining 120/150 liter capacity water cooler with water filter (candle type or UV tube) with M.S. stand complete with minor plumbing work if necessary connected with mains, required switchgears and continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	1335
904	HIR-00259	ELEC-12.1.19	Hire charges for supply and maintaining 20"/24" colour television with multi channel tuner, connected with necessary mains, required switchgears with continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	437

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
905	HIR-00260	ELEC-12.1.20	Providing and maintaining temporary LCD/LED colour T.V. (32"to 42" size) and positioning at site with required cabling as per direction of authority, duly connecting and testing for one day.	1 No	909
906	HIR-00261	ELEC-12.1.21	Hire charges for supply and maintaining 6V/10V with 20/40 Watt fluorescent emergency lamp connected with necessary mains, required switchgears and continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	122
907	HIR-00262	ELEC-12.1.22	Hire charges for supply and maintaining digital projector with spring loaded white screen connected with necessary mains, required switchgears and maintaining the same during the function including dismantling for one day.	1 No	6186
908	HIR-00263	ELEC-12.1.23	Hire charges for providing 1.5/2.0 Ton capacity split type air conditioning unit complete with temporary stand and fabrication work and required material to achieve cooling temperature connected along with necessary mains, required switchgears and continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	5326
909	HIR-00264	ELEC-12.1.24	Hire charges for providing 3.5 Ton capacity tower type air conditioning unit complete with temporary stand and fabrication work and required material to achieve cooling temperature connected along with necessary mains, required switchgears and continuous earthing maintaining the same during the function and including dismantling for one day.	1 No	6086
910	HIR-00265	ELEC-12.1.25	Hire charges for providing 4.5 Ton capacity tower type air conditioning unit complete with temporary stand and fabrication work and required material to achieve cooling temperature connected along with necessary mains, required switchgears and continuous earthing, maintaining the same during the function and including dismantling for one day.	1 No	6973

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
911	HIR-00266	ELEC-12.1.26	Hire charges for providing 6.5Ton/7.5Ton capacity tower type air conditioning unit complete with temporary stand and fabrication work and required material to achieve cooling temperature connected along with necessary mains, required switchgears and continuous earthing, maintaining the same during the function and including dismantling for one day.	1 No	8241
912	HIR-00267	ELEC-12.1.27	Hire charges for providing, maintaining and operating temporary public address system on hire consisting 02 Nos. solid state heavy wattage amplifier 250 watts (one for working and another for stand by emergency) working on AC / generator and 24 volt car battery supply, 06 Nos. of matching of 100 volt line (200 watts) box type speakers/sound column, 02 Nos super sensitive microphone with suitable size of microphone holding stand. The system shall be in a fully automatic changeover operation in case of failure of supply for one day.	1 No	9096
913	HIR-00268	ELEC-12.1.28	Hire charges for providing and maintaining temporary additional box type speaker of 100 Volt line (100 watts) for one day.	1 No	424
914	HIR-00269	ELEC-12.1.29	Hire charges for providing and maintaining temporary cordless (Hand type or lap type) super sensitive HUF microphone (1 no stand by) for one day.	1 No	2947
915	HIR-00270	ELEC-12.1.30	Providing temporary line matching transformer (40-XT) for speakers having distance more than 60 Mtrs from Amplifiers and maintaining the same for one day.	1 No	243
916	HIR-00271	ELEC-12.1.31	Hire charges for providing, maintaining and operating fingertip switcher of 8 ways to operate the public address system between dias and participants in the hall with necessary cabling, wiring etc for one day.	1 No	3032
917	HIR-00272	ELEC-12.1.32	Hire charges providing and maintaining all in one desktop PC with following configuration Intel TM second generation core i3 G630,2GB DDR3 RAM, 1TB HARD DISK, DVDR W optical drive 20" LED screen, web camera, wifi, Bluetooth, keyboard and mouse, media card reader etc for one day.	1 No	1213

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
918	HIR-00273	ELEC-12.1.33	Hire charges providing and maintaining Laser Printer, resolution (in dpi) mono 600, paper size A4, print speed in PPM (A4 size) 25, Port: 1 USB, memory (in MB): NA network card 10/100:YES, Duplexing: YES etc for one day.	1 No	364
919	HIR-00274	ELEC-12.1.34	Hire charges for providing and maintaining 1 KVA online UPS pure sine wave suitable for 30 minutes battery backup to provided computer with necessary interconnecting cabling, wiring etc for one day.	1 No	2001
920	HIR-00275	ELEC-12.1.35	Hire cahres for providing and maintaining temporary 1400 VA to 1600 VA digital pure sine wave Invertor based on IGBT technology suitable for 120 minutes battery backup to electrical installation with necessary interconnecting cabling, wiring etc for one day.	1 No	1213
921	HIR-00276	ELEC-12.1.36	Hire charges for supply and fixing distribution main board consisting of 400A/250A 4pole MCCB with bus bar arrangement 12 Nos 63A fuse units as outgoing including conveyance of all materials and all labour charges etc., complete for one day.	1 No	1633
922	HIR-00277	ELEC-12.1.37	Hire charges for Supply & Fixing of Distribution board of load main board consisting of 400A MCCB 4 pole with Busbar arrangement and 12 Nos 63A fuse units as outgoing including conveyance of all materials and all labour charges etc., complete for one day.	1 No	1666
923	HIR-00278	ELEC-12.1.38	Hire charges for Supply & Fixing of Distribution board of load main board consisting of 250A MCCB 4 pole with Busbar arrangement and 12 Nos 63A fuse units as outgoing including conveyance of all materials and all labour charges etc., complete for one day.	1 No	1599
924	HIR-00279	ELEC-12.1.39	Hire charges for supply and maintaining towards supply and fixing of 200A 4 pole Changeover / TPN switches including erection and dismantling and cost and conveyance of all materials and labour charges complete for one day.	1 No	371

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
925	HIR-00280	ELEC-12.1.40	Hire charges for supply and fixing distribution main board consisting of 400A/250A 4pole change over switch with bus bar arrangement 12 Nos 63A fuse units as outgoing including conveyance of all materials and all labour charges etc., complete for one day.	1 No	1579
926	HIR-00281	ELEC-12.1.41	Hire charges for supply and fixing distribution main board consisting of 250A 4pole change over switch with bus bar arrangement 12 Nos 63A fuse units as outgoing including conveyance of all materials and all labour charges etc., complete for one day.	1 No	1525
927	HIR-00282	ELEC-12.1.42	Hire charges for Supply and maintaining towards supply and fixing of 4 way TPN DB with 1 No 125 TP MCCB and 12Nos 6-32A 10kA SP MCBs including erection and dismantling and cost and conveyance of all materials and labour charges complete for one day.	1 No	1407
928	HIR-00283	ELEC-12.1.43	Hire charges for Supply and maintaining towards supply and fixing of 6 way TPN DB with IP-43 Protection with 1 No 125 FP MCCB and 18Nos 6-32A 10kA SP MCBs including erection and dismantling and cost and conveyance of all materials and labour charges complete for one day.	1 No	1456
929	HIR-00284	ELEC-12.1.44	Hire charges for providing industrial type panel board consisting of bus bar chamber with 200/250 amps incoming TP/MCCB as incomers switch, 12 no's 63 amps fuse unit, earth wire erected and dismantled all accessories etc., complete for one day.	1 No	563
930	HIR-00285	ELEC-12.1.45	Hire charges for supply and installing and maintaining towards supply and run of 1 of 6/10 Sq.mm WPTC / 2 of WPSC / VIR cable with necessary terminations etc. complete for one day.	1 Mtr	6
931	HIR-00286	ELEC-12.1.46	Hire charges for supply and installing and maintaining towards supply and run of 16 Sq.mm to 35 Sq mm x 3 1/2 core cable / 4 of single core 16 Sq mm to 35 Sq mm cable with necessary terminations etc. complete for one day.	1 Mtr	30
932	HIR-00287	ELEC-12.1.47	Hire charges for supply and installing and maintaining towards supply and run of 50Sq mm to 95 Sq.mm x 31/2 core cable / 4 of single core 50Sq	1 Mtr	34

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			mm to 95Sq mm cable with necessary terminations etc. complete for one day.		
933	HIR-00288	ELEC-12.1.48	Hire charges for supply and installing and maintaining towards supply and run of 50 Sq mm x 3 1/2 core cable / 4 of single core 50 Sq mm cable with necessary terminations etc. complete for one day.	1 Mtr	32
934	HIR-00289	ELEC-12.1.49	Hire charges for supply and installing and maintaining towards supply and run of 95 Sq.mm x 31/2 core cable / 4 of single core 95Sq mm cable with necessary terminations etc. complete for one day.	1 Mtr	35
935	HIR-00290	ELEC-12.1.50	Hire charges for supply and installing and maintaining towards supply and run of 120 Sq.mm x 3 1/2 core cable / 4 of single core 120 Sq.mm cable with necessary terminations etc. complete for one day.	1 Mtr	36
936	HIR-00291	ELEC-12.1.51	Hire charges for supply and installing and maintaining towards supply and run of 185 Sq.mm x 3 1/2 core cable / 4 of single core 185 Sq.mm cable with necessary terminations etc. complete for one day.	1 Mtr	39
937	HIR-00292	ELEC-12.1.52	Hire charges for Supply and erection of MS Single pole structure of 20’ (6.00 Mtrs.) with necessary cross arms and hardware materials for fixing halogen / Metal halide fittings etc., and dismantling and cost and conveyance of all materials and all labour charges complete for one day.	1 No	1905
938	HIR-00293	ELEC-12.1.53	Hire charges for Supply and erection of 4 pole structure of 4 of 25' (7.50 Mtrs.) GI pipe of 63/80mm dia with necessary cross arms and hardware materials for fixing halogen / Metal halide fittings with suitable earthing arrangements and dismantling and cost and conveyance of all materials and all labour charges complete for one day.	1 No	2527
939	HIR-00294	ELEC-12.1.54	Hire charges for Supply and erection of 6 pole structure of 6 of 25' (7.50 Mtrs.) GI pipe of 63/80mm dia with necessary cross arms and hardware materials for fixing halogen / Metal halide fittings with suitable earthing arrangements and dismantling and cost and conveyance of all materials and all labour	1 No	3800

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			charges complete for one day.		
940	HIR-00295	ELEC-12.1.55	Hire charges for providing, commissioning and maintaining CCTV system with 8 channel NVR, IP video/audio input - 1 no, IP based 2.0 MP, Full HD, IR IP dome camera - 2 nos, IP based 2.0 MP, Full HD, IR IP PTZ camera - 2 nos, 2TB Hard Disk - 2 no, 32" Full H D professional Display - 1 no, 8 port PoE Switch - 1 no, Power supply unit to camera - 1 no, On Line UPS - 1 no with necessary mains, switchgears for one day	1 Job	8659
941	HIR-00296	ELEC-12.1.56	Hire charges for providing, commissioning and maintaining IP based 2.0 MP, full HD, IR IP dome / bullet camera with necessary Cat 6 cables etc., for one day.	1 No	1074
942	HIR-00297	ELEC-12.1.57	Hire charges for providing, commissioning and maintaining IP based 2.0 MP, Full HD, IR IP PTZ camera with necessary Cat 6 cables etc., for one day.	1 No	2983
		Note:-	1) The Rates for all the items are for one glowing / working day		
			2) Allow 50% of the rate for each day upto 3 days (i.e, 2nd and 3rd day) (Except items 12.1.23 to 12.1.26).		
			3) For each additional day after 3 days, but not exceeding 15 days, allow 25% rate.		
			4) For more than 15 days allow 10% per day but total rental charges shall not exceed 80% of the capital cost of the item.		
			5) For item no. 12.1.22 the rate of projector is for 1 function or for max. period of 1 day whichever is more, including transportation, connections with projector, operator till completion of function.		
			6) For item No 12.1.23 to 12.1.26, the rate is for one day, For subsequent days (i.e, 2nd to 8th day) allow 75% of the above rate, after 8th day allow 50% the rate.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			12.2 Hiring of Generators		
943	HIR-00298	ELEC-12.2.1	Hire charges for supplying and maintaining 62.5KVA, 415V, 50 cycles A.C. Generating set with acoustic enclosure as per IS Specification with DCM 4 Wheeler Vehicle with all standard accessories such as control panel, batteries etc. complete excluding cost of fuel, for one day.	1 No	8653
944	HIR-00299	ELEC-12.2.2	Hire charges for supplying and maintaining 125KVA 415V 50 cycles A.C. Generating set with acoustic enclosure as per IS Specification with DCM 4-Wheeler Vehicle with all standard accessories such as control panel, batteries etc. complete excluding cost of fuel, for one day.	1 No	9890
945	HIR-00300	ELEC-12.2.3	Hire charges for supplying and maintaining 250KVA 415V 50 cycles A.C. Generating set with acoustic enclosure as per IS Specification with DCM 4 Wheeler Vehicle with all standard accessories such as control panel, batteries etc. complete excluding cost of fuel, for one day.	1 No	13852
		Note:-	1) Above rates are applicable for per one day only.		
			2) For subsequent days the above rate shall be reduced by 25% after 8th day reduce the rate by 50%		
			3) Diesel cost will be paid extra for running hours at the prevailing rates.		
			4) For test run, The minimum requirement of the fuel shall be borne by the contractor.		
			5) The D.G set should be in good condition and the life of set shall not be beyond 10 years.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		13.1	**LIFTS (New Installation)**		
946	MAT-08534	ELEC-13.1.1	Supply, Installation, Testing and Commissioning of Electric Traction Passenger Lift of Makes: As per list of recommended brands. with • Rated capacity :- 8 Passenger/544Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 800 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor Clear Car size of .....mm wide x .....mm deep x .....mm high	1Job	1368772
			• LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength • Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work		
			Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. •Lift shaft available having clear size of .....mm wide x .....mm deep. .....mm Pit depth, ……mm Overhead.		
947	MAT-08535	ELEC-13.1.2	Supply, Installation, Testing and Commissioning of Electric Traction Passenger Lift of Makes: As per list of recommended brands. with • Rated capacity :- 10 Passenger/680Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 800 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet	1Job	1637384

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor. Clear Car size of .....mm wide x .....mm deep x .....mm high		
			• LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/ control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing. • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength. • Other mechanical parts such as 'T' section adequate size guiderails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			arrangement, MS pit ladder etc. erected with necessary steel work		
			• Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x .....mm deep , ...mm Pit depth, , ……mm Overhead.		
948	MAT-08536	ELEC-13.1.3	Supply, Installation, Testing and Commissioning of Electric Traction Passenger Lift of Makes: As per list of recommended brands. with • Rated capacity :- 13 Passenger/884Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs. • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 900/1000 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/ frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • Clear Car size of .....mm wide x ....mm deep x .....mm high	1Job	1748110

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			• LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor /control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work		
			• Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x .....mm deep, ...mm Pit depth, ……mm Overhead		
949	MAT-08537	ELEC-13.1.4	Supply, Installation, Testing and Commissioning of Electric Traction Passenger cum Stretcher/Hospital Lift of Makes: As per list of recommended brands.	1Job	2049152

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with • Rated capacity :- 15 Passenger/1020Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 800/900/1000 mm wide x 2000mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves /frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor Clear Car size of .....mm wide x .....mm deep x .....mm high		
			• LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings		
			• Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/ control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Landing, • CCTV surveillance system comprises of 2nos minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery		
			, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x .....mm deep , ...mm Pit depth, , ……mm Overhead		
950	MAT-08538	ELEC-13.1.5	Supply, Installation, Testing and Commissioning of Electric Traction Passenger cum Stretcher/Hospital Lift of Makes: As per list of recommended brands. with • Rated capacity :- 20 Passenger/1360Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 1100/1200 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors	1Job	2443607

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • Clear Car size of .....mm wide x ....mm deep x .....mm high		
			LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • CCTV surveillance system comprises of 2nos minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. • Lift Machine of Gearless PMSM of suitable kW		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength.		
			Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x.....mm deep, ...mm Pit depth, …….mm Overhead.		
951	MAT-08539	ELEC-13.1.6	Supply, Installation, Testing and Commissioning of Electric Traction Passenger Lift of Makes: As per list of recommended brands. with • Rated capacity :- 22 Passenger/1496Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR/MRL • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 1100 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button	1Job	2506787

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • Clear Car size of .....mm wide x .....mm deep x .....mm high • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual		
			indication at all landings Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength • Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary		
			support arrangement, MS pit ladder etc. erected with necessary steel work Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			per specification no. LFT. • Lift shaft available having clear size of .....mm wide x .....mm deep, ...mm Pit depth, ……mm Overhead.		
952	MAT-08540	ELEC-13.1.7	Supply, Installation, Testing and Commissioning of Electric Traction Passenger cum Stretcher/Hospital Lift of Makes: As per list of recommended brands. with • Rated capacity :- 26 Passenger/1768Kg • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR • Rated speed :- 1.0/1.25mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 1100/1200 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • Clear Car size of .....mm wide x .....mm deep x .....mm high	1Job	2674233
			•LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual indication at all landings Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class • ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • CCTV surveillance system comprises of 2nos minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for 60 days with 18" FHD TV monitor, to be kept in FCC/LMR as directed by Engineer In Charge. Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts		
			of adequate size & strength • Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x.....mm deep, ...mm Pit depth, …….mm Overhead.		
953	MAT-08541	ELEC-13.1.8	Supply, Installation, Testing and Commissioning of Electric Traction Goods Lift of Makes: As per list of recommended brands.	1Job	3246342

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			with • Rated capacity :- 3000Kg Goods/44 Passengers • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR • Rated speed :- 0.6 to 1.0mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 1700 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu &English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor • Clear Car size of .....mm wide x .....mm deep x .....mm high LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with		
			CPI, Lift car arrival & next travel direction audio-visual indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			• ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter		
			weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work • Minor civil work for alteration if any and erection of door frames and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT.• Lift shaft available having clear size of .....mm wide x.....mm deep, ...mm Pit depth, ……mm Overhead.		
954	MAT-08542	ELEC-13.1.9	Supply, Installation, Testing and Commissioning of Electric Traction Goods Lift of Makes: As per list of recommended brands. with • Rated capacity :- 4000Kg Goods /59 Passengers • Floors :- G+1 floor (2Stops/2 Landings) • Travel :- 3 to 4.2 mtrs • Location of Lift Machine:- MR • Rated speed :- 0.6 to 1.0mps VS • Doors type :- COPO/TOPO Doors with frame having clear opening of 2100 mm wide x 2000 mm high made from SS 304 grade sheet of 1.5mm, thick in hairline finish for car and all landing doors with SS door architraves/frames • Lift car enclosure made from SS 304 grade sheet of 1.5mm, thick with hairline finish with frame made from MS girders, bracing of adequate size with	1Job	3595059

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			minimum safety factor of 5, with Toe Guard Apron, with necessary false ceiling with adequate LED lights, blower/fan for ventilation & SS chequered plate flooring, handrails, mirror, emergency light etc. • COP with SS face plate having metallic push buttons with Braille Code & luminous indicator around button with FPI, scrolling UP/DN LED indicator & with/without attendant key switch, OWD with audio-visual alarm, VAS in Telugu & English with intercom system with telephone instrument in Lift car, LMR & FCC/ground floor Clear Car size of .....mm wide x .....mm deep x .....mm high • LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille Code & luminous indicator around button with CPI, Lift car arrival & next travel direction audio-visual		
			indication at all landings • Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system, with IBMS compatible having necessary port, control panel duly wired with proper size & strength copper wire for power & control circuit, with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with powder coating with IP54 Protection class ARD complete with necessary SMF VRLA batteries • Fireman controller having fireman switch at fire Landing, • Lift Machine of Gearless PMSM of suitable kW with Traction pulley, OSG, electromagnetic brakes, entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves, suspension wire ropes/belts of adequate size & strength. Other mechanical parts such as 'T' section adequate size guide rails for car & counter weight with brackets fasteners, counter weight frame with necessary blocks, buffers with necessary support arrangement, MS pit ladder etc. erected with necessary steel work		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			• Minor civil work for alteration if any and erection of door frames		
			and accessories, erection buffers, erection of lift machinery, adequate size core cuts if required & scaffolding for erecting guide rails fixing of girders for mounting lift machine etc. complete as per specification no. LFT. • Lift shaft available having clear size of .....mm wide x.....mm deep, ...mm Pit depth, ……mm Overhead.		
		NOTE:	1. The above rates are applicable only for the makes: KONE/OTIS/SCHINDLER/MITSUBISHI/JOHNSON ThyssenKrupp/Fujitec.		
			2. If the local reputed brands preferred by the Departments or Corporations, the makes Suryodaya Elevators/ESCO Lifts/Sunrise Lifts/BECO LIFTS/Surya Elevators or any other make approved by the competent authority subject to the condition that the Specifications remains unchanged can be adopted in the estimate by reducing the price @15% less than the above rates.		
			Add On		
		A	For Lift travelling up to six floors or at a speed of 1.0 mps, add as below,		
955	MAT-08543	1	For Lift having 700mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	160765
956	MAT-08544	2	For Lift having 800mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking,	1Floor	165625

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			traveling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete		
957	MAT-08545	3	For Lift having 900mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	171409
958	MAT-08546	4	For Lift having 1000mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/ belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	176577
959	MAT-08547	5	For Lift having 1100mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	181868
960	MAT-08548	6	For Lift having 1200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	188143

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
961	MAT-08549	7	For Lift having 1300mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary accessories like LOP's with UP/DN buttons- arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	193927
962	MAT-08550	8	For Lift having 1400mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/ belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	199833
963	MAT-08551	9	For Lift having 1500mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	209923
964	MAT-08552	10	For Lift having 1700mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	220136
965	MAT-08553	11	For Lift having 1800mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking,	1Floor	231334

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete		
966	MAT-08554	12	For Lift having 2100mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	252006
967	MAT-08555	13	For Lift having 2200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	260743
		A1	For Lift travelling above six floors & up to fifteen floors or at a speed of 1.5 mps, add as below,		
968	MAT-08556	1	For Lift having 700mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	167963
969	MAT-08557	2	For Lift having 800mm wide x 2000mm high clear entrance in1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift	1Floor	173131

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			installation complete		
970	MAT-08558	3	For Lift having 900mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	179161
971	MAT-08559	4	For Lift having 1000mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	184452
972	MAT-08560	5	For Lift having 1100mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	189989
973	MAT-08561	6	For Lift having 1200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	196634
974	MAT-08562	7	For Lift having 1300mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary	1Floor	202540

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			accessories like LOP's with UP/DN buttons- arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete		
975	MAT-08563	8	For Lift having 1400mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	208693
976	MAT-08564	9	For Lift having 1500mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	219152
977	MAT-08565	10	For Lift having 1700mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	229980
978	MAT-08566	11	For Lift having 1800mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe	1Floor	241547

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			functioning of lift installation complete		
979	MAT-08567	12	For Lift having 2100mm wide x 2000mm high clear entrance 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	263204
980	MAT-08568	13	For Lift having 2200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope landing doors with all accessories etc. necessary for the normal safe functioning of lift installation complete	1Floor	272433
		A2	For Lift travelling above fifteen floors & up to twenty floors or at a speed of 1.75 mps, add as below,		
981	MAT-08569	1	For Lift having 800mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	178176
982	MAT-08570	2	For Lift having 900mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	184452
983	MAT-08571	3	For Lift having 1000mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door	1Floor	189866

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			[Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.		
984	MAT-08572	4	For Lift having 1100mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	195650
985	MAT-08573	5	For Lift having 1200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	202417
986	MAT-08574	6	For Lift having 1300mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	208570
987	MAT-08575	7	For Lift having 1400mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Two/four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	214845
988	MAT-08576	8	For Lift having 1500mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories	1Floor	225551

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.		
989	MAT-08577	9	For Lift having 1700mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows-indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	236871
990	MAT-08578	10	For Lift having 1800mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Four panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	201433
991	MAT-08579	11	For Lift having 2100mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	271202
992	MAT-08580	12	For Lift having 2200mm wide x 2000mm high clear entrance in 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring 1.5mm thick SS 304 grade landing door [Six panel], this includes all necessary accessories like LOP's with UP/DN buttons-arrows- indicators, extension of guide rails, shaft wiring with trunking, travelling cables, main hoisting ropes/belts, & OSG rope, landing doors with all accessories etc. complete for the safe functioning of lift installation.	1Floor	280308

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		B	If there is additional automatic car door, add as below.		
993	MAT-08581	1	For Lift car having 700mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel] complete with required accessories like door operator mechanism with drive, required aluminium sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	133140
994	MAT-08582	2	For Lift car having 800mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel] complete with required accessories like door operator mechanism with drive, required Aluminium sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	137201
995	MAT-08583	3	For Lift car having 900mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	142000
996	MAT-08584	4	For Lift car having 1000mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel]complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	146676
997	MAT-08585	5	For Lift car having 1100mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel]complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete	1Set	151105
998	MAT-08586	6	For Lift car having 1200mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two panel]complete with	1Set	156520

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.		
999	MAT-08587	7	For Lift car having 1300mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two/four panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	161565
1000	MAT-08588	8	For Lift car having 1400mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [Two/four panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	166364
1001	MAT-08589	9	For Lift car having 1500mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [four panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	174608
1002	MAT-08590	10	For Lift car having 1700mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [four panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	184329
1003	MAT-08591	11	For Lift car having 1800mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [four panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	193435

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1004	MAT-08592	12	For Lift car having 2100mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [six panel] complete with required accessories like door operator mechanism with drive, required aluminum sill, infrared curtain & necessary wiring with interlocking arrangement etc. complete.	1Set	211400
1005	MAT-08593	13	For Lift car having 2200mm wide x 2000mm high clear entrance having 1.5mm thick SS 304 grade sheet car door [six panel] complete required aluminum sill, infrared curtain & necessary wiring interlocking arrangement etc. complete.	1Set	219521
		C	For Full Collective control system, add as below.		
1006	MAT-08594	1	For Lift travelling above First floor & up to Sixth floor	1No	31661
1007	MAT-08595	2	For Lift travelling above Sixth floor & up to Fifteenth floor	1No	72503
1008	MAT-08596	3	For Lift travelling above Fifteenth floor & up to Twentieth floor	1No	95102
1009	MAT-08597	D	For additional 2MP Camera along with necessary accessories at Home Landing, add as given.	1No	15654
		E	For Group control system of number of lifts, add as below.		
1010	MAT-08598	1	For Duplex Lift control system	1Job	40253
1011	MAT-08599	2	For Triplex Lift control system	1Job	60145
1012	MAT-08600	3	For Quadruplex Lift control system	1Job	81095

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1013	MAT-08601	F	For vision panel having Size 100mm wide x 200mm high covered with fire rated laminated glass, having punched Jali as a part of the door panel SS sheet itself.	1No	3178
		G	The above rates are for landing & car door height of 2000mm and Lift car ceiling height of 2250mm. If the requirements for landing & car doors height above 2000mm & Lift car height above 2250mm, add overall Rs. ..... per 100mm rise per Lift per landing.		
		a	For Lift car enclosure & car door per 100mm Step rise		
1014	MAT-08602	1	for Lift car door, having clear entrance of 700/800/900mm wide	1 per Landing	52141
1015	MAT-08603	2	for Lift car door, having clear entrance 1000/1100/1200/1300mm wide	1 per Landing	71444
1016	MAT-08604	3	for Lift car door, having clear entrance 1400/1500/1700mm wide	1 per Landing	125233
1017	MAT-08605	4	for Lift car door, having clear entrance 1800/2100/2200mm wide	1 per Landing	212802
		b	For Lift Landings per 100mm Step rise		
1018	MAT-08606	1	for Lift Landing door having clear entrance of 700/800/900mm wide	1 per Landing	13065
1019	MAT-08607	2	for Lift Landing door, having clear entrance of 1000/1100/1200/1300mm wide	1 per Landing	17773
1020	MAT-08608	3	for Lift Landing door, having clear entrance of 1400/1500/1700mm wide	1 per Landing	28130

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1021	MAT-08609	4	for Lift Landing door, having clear entrance of 1800/2100/2200mm wide	1 per Landing	42137
		Notes:			
		1	General: - Job includes entire procedure of obtaining all necessary erection permissions & “License to Work the Lift" from Electrical Inspector (Lifts) with submission to the Engineer in Charge.		
		2	Warrantee: - Job covers two years onsite warrantee for all the Lift parts with FCAMC as per the maintenance schedule.		
			Note 1 and 2 above shall be included in item description.		
		3	If the lift shaft is greater than the required size of the lift as mentioned in relevant Indian Standard [with Amendments up to date], the provision of extra steel required for erecting supports of guide rails shall be made by the department as a separate item		
		4	The Electric power supply of 415 volts, 3 phase 4 wire,50Hz shall be made available up to Lift controller, and as per the provisions laid down in relevant The Electricity Safety Regulations 2010[with Amendments up to date], Indian Standard, relevant Rules, the separate cables for lighting and power & shall be erected through lift shaft only with 2nos distinct earth connections from lift machine & controller		
		5	The technical specification of Lift duty motor, control panel, brakes, guide rails, and guide shoes, lift car frame, car, counter weight and suspension, lift safety gear and governor, buffer, lift doors, locking device and contacts, lift wire rope of lifts shall be as per actual requirement of the job.		
		6	For nonstandard lift shafts the Lift capacity shall be selected so that all the safety clearances to be maintained as per the provisions laid down in relevant Indian Standard, & relevant Rules and		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			work shall be carried out accordingly		
		7	For building having height of 15 mtr or more, lift shall meet the requirement of fireman lift as per the statutory requirements laid in relevant Indian Standard		
		8	Vision Panel shall not be provided on power operated doors and Fireman lifts. However manually operated vertically sliding, horizontally sliding or swing type doors may be provided with a vision panel if required		
		9	While framing estimates of lifts for handicapped persons/ Hospital/Goods Lifts, the relevant Indian standard shall be referred for dimensions.		
		10	The sizes in mm for Lift car, entrance, available lift Shaft etc. with travel shall be mentioned in the Detailed Estimate		
		11	The above rates are for mostly installed Electric Traction Lifts, for Lift requirements with different purposes/ specifications, the items should be got approved from the competent authority		
		12	The Traffic Analysis [TA] shall be done as per the provisions laid down in relevant Indian standards for finalizing the capacity and number of Lifts in different types of buildings.		
			13.2: LIFT REPAIR/MODERNIZATION		
			LIFT MACHINE		
1022	MAT-08610	ELEC-13.2.1	Overhauling of Gearbox by opening the gear box, cleaning the oil path with oil adjusting the Thrust bearing, & bush with packings etc. and refilling with the fresh oil of requisite viscosity and sufficient quantity, complete with re-erection as original with necessary alignment & testing.	1Job	7062
1023	MAT-08611	ELEC-13.2.2	Providing dismantling the existing worn-out/damaged Thrust bearing & bush with allied accessories complete supplying &installing new Thrust bearing & Bush with allied accessories like packings etc. and refilling with the fresh gear oil	1Job	17655

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			of requisite viscosity and sufficient quantity, complete suitable up to 10 passenger lift car with re-erection as original with necessary alignment & testing		
1024	MAT-08612	ELEC-13.2.3	Providing dismantling the existing lift duty electric motor from lift gearbox coupling to carryout necessary repairs and re-erection the same as original with necessary alignment & testing complete after repairing	1Job	3531
1025	MAT-08613	ELEC-13.2.4	Providing rewinding of the electromagnetic type brake coil suitable to operate on 110V DC supply by superior quality enameled copper wire of require size complete with testing	1Job	5297
1026	MAT-08614	ELEC-13.2.5	Providing and fixing new set brake liner of good quality complete with alignment & testing with removal of old worn-out brake liners	1Job	2943
1027	MAT-08615	ELEC-13.2.6	Providing dismantling the existing main driving sheave complete by hanging the lift car and providing and fixing a new main driving sheave made from superior quality cast iron completely finished having diameter up to 600mm suitable up to 4nos rope grooves the size for the same will be specified in the estimate	1Job	17067
1028	MAT-08616	ELEC-13.2.7	Providing dismantling the existing main driving sheave complete by hanging the lift car and providing and fixing a new main driving sheave made from superior quality cast iron completely finished having diameter 601 to 800mm suitable up to 4nos rope grooves .	1Job	21775
1029	MAT-08617	ELEC-13.2.8	Providing dismantling the existing diverter sheave complete by hanging the lift car and providing and fixing a new diverter sheave made from superior quality cast iron completely finished having diameter up to 250mm suitable up to 4nos rope grooves.	1Job	12241
1030	MAT-08618	ELEC-13.2.9	Providing dismantling the existing diverter sheave complete by hanging the lift car and providing and fixing a new diverter sheave made from superior quality cast iron completely finished having diameter 251 to 500mm suitable up	1Job	13889

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			to 4nos rope grooves.		
1031	MAT-08619	ELEC-13.2.10	Providing dismantling the existing OSG pulley set (top & bottom) complete and providing and fixing overspeed governor pulley set (top& bottom) made from superior quality cast iron completely finished suitable for Lift car rated speed.	1Job	12005
1032	MAT-08620	ELEC-13.2.11	Providing dismantling the existing OSG rubber roller complete, providing and fixing new nylon roller of superior quality.	1Job	471
			LIFT CAR		
1033	MAT-08621	ELEC-13.2.12	Providing dismantling the existing lift car/counter weight guide shoe liner and providing and fixing new superior quality non-metallic car/counter weight guide shoe Liner complete with re-erection, alignment & adjustment complete with lubrication	1Job	3413
1034	MAT-08622	ELEC-13.2.13	Providing dismantling the existing unserviceable retiring cam (Door)by supplying & erecting new one of superior quality with necessary spare complete with re-erection and testing etc. with copper wound magnetic coil of 110V DC supply.	1Job	5414
1035	MAT-08623	ELEC-13.2.14	Providing dismantling the existing deteriorated lift car flooring/floor tiles by supplying & erecting SS chequered plate of required thickness and of superior quality with necessary material	1Kg	589
1036	MAT-08624	ELEC-13.2.15	Providing dismantling the existing deteriorated lift car enclosure by supplying & erecting new enclosure made from 1.5mm thick stainless steel sheet SS304 grade of superior quality with necessary material complete with handrail, mirror, required thickness stainless steel chequered plate flooring and min. 2.5mm thick GI sheet car top &stainless steel 304grade 1.2mm thick false ceiling & required LED light fitting & cabin fan/blower, emergency light with necessary grill along with required accessories suitable for 4 to 8 passenger lift car	1Job	179022
1037	MAT-08625	ELEC-13.2.16	Providing dismantling the existing deteriorated lift car enclosure by supplying & erecting new enclosure made from 1.5mm thick stainless steel sheet SS304	1Job	215626

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			grade of superior quality with necessary material complete with handrail, mirror, required thickness stainless steel chequered plate flooring and min. 2.5mm thick GI sheet car top & stainless steel 304grade 1.2mm thick false ceiling & required LED light fitting & cabin fan/blower, emergency light with necessary grill along with required accessories suitable for 10 to 13 passenger lift		
1038	MAT-08626	ELEC-13.2.17	Providing dismantling the existing deteriorated lift car enclosure by supplying & erecting new enclosure made from 1.5mm thick stainless steel sheet SS304 grade of superior quality with necessary material complete with handrail, mirror, required thickness stainless steel chequered plate flooring and min. 2.5mm thick GI sheet car top &stainless steel 304grade 1.2mm thick false ceiling & required LED light fitting & cabin fan/blower, emergency light with necessary grill along with required accessories suitable for 14 to 16 passenger lift car	1Job	251290
1039	MAT-08627	ELEC-13.2.18	Providing dismantling the existing deteriorated lift car enclosure by supplying & erecting new enclosure made from 1.5mm thick stainless steel sheet SS304 grade of superior quality with necessary material complete with handrail, mirror, required thickness stainless steel chequered plate flooring and min. 2.5mm thick GI sheet car top &stainless steel 304grade 1.2mm thick false ceiling & required LED light fitting & cabin fan/blower, emergency light with necessary grill along with required accessories suitable for 18 to 23 Passenger Lift Car	1Job	291308
1040	MAT-08628	ELEC-13.2.19	Providing dismantling the existing deteriorated Lift car enclosure by supplying & erecting new enclosure made from 1.5mm thick stainless steel sheet SS304 grade of superior quality with necessary material complete with handrail, mirror, required thickness stainless steel chequered plate flooring and min. 2.5mm thick GI sheet car top &stainless steel 304grade 1.2mm thick false ceiling & required LED light fitting & cabin fan/blower, emergency light with necessary grill along with required accessories suitable for 26 to 36 Passenger Lift Car	1Job	371814

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1041	MAT-08629	ELEC-13.2.20	Supplying erecting & testing & commissioning minimum 2000mm high Infra-Red/IR curtain with minimum 80beams, suitable to attach automatic Lift car door complete with electronic driver suitable to work on 230V AC supply with required wiring & accessories complete connected to the lift controller safety circuit. including dismantling of existing accessories as applicable	1No	58497
1042	MAT-08630	ELEC-13.2.21	Supplying & erecting laminated type with minimum 6mm thick mirror confirming to relevant standard in the lift car complete pasting with necessary adhesives if required and fixing with SS frame &accessories complete, this job includes dismantling of existing accessories as applicable	1Sqft	589
			LIFT SHAFT		
1043	MAT-08631	ELEC-13.2.22	Providing Emergency Stop Switch as per IS [push to stop & pull/rotate clockwise to open] erected on GI box in pit/LMR /car top for maintenance work complete with necessary wires	1No	824
1044	MAT-08632	ELEC-13.2.23	Supplying & erecting over travel final/Terminal limit switch complete with nylon roller for up & down direction along with cams etc as required.	1No	2354
1045	MAT-08633	ELEC-13.2.24	Providing and fixing new magnetic reed switch with M.S. Flag for levelling the lift. Providing and fixing necessary magnet for the floor position indicator, providing and fixing electronics card with digital indicator, complete with re-erection including dismantling of existing accessories as applicable	1No	1177
1046	MAT-08634	ELEC-13.2.25	Supplying & erecting lift car door lock with electrical contact[spring loaded NO/NC of 5A/250V rating] complete unit with Bakelite roller attached to bracket on car top with M.S. "T" bracket attached to car gate complete with Testing including dismantling of existing accessories as applicable	1No	1177
1047	MAT-08635	ELEC-13.2.26	Supplying & erecting main suspension wire rope of 13mm dia having 8/19 construction as per IS complete with termination in provided eye bolts including dismantling of existing accessories as applicable	1Mt	235

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1048	MAT-08636	ELEC-13.2.27	Supplying & erecting main suspension wire rope of 10mm dia. having 8/19 construction as per IS complete with termination in provided eye bolts including dismantling of existing accessories as applicable	1Mt	235
1049	MAT-08637	ELEC-13.2.28	Supplying & erecting main suspension wire rope of 8mm dia .having 8/19 construction as per IS complete with termination in provided eye bolts including dismantling of existing accessories as applicable	1Mt	177
1050	MAT-08638	ELEC-13.2.29	Supplying & erecting wire rope of 3/4/6mm dia. having 6/19 construction as per IS complete with termination in provided eye bolts including dismantling of existing accessories as applicable	1Mt	118
1051	MAT-08639	ELEC-13.2.30	Supplying & erecting GI eye bolt suitable for tie up of min. 13mm dia. lift wire ropes with 4nos bull dog clips 8/19 construction as per IS Complete with termination in provided eye bolts including dismantling of existing accessories as applicable	1No	1766
1052	MAT-08640	ELEC-13.2.31	Supplying & erecting GI eye bolt suitable for tie up of 8/10mm dia. lift wire ropes with 4nos bull dog clips 8/19 construction as per IS Complete with termination in provided eye bolts including dismantling of existing accessories as applicable.	1No	1412
			CAR & LANDING DOORS:		
1053	MAT-08641	ELEC-13.2.32	Repairing of M.S. collapsible landing/lift car door for broken rivets, pickets gibes, roller bearings complete with oiling etc. complete with re-erection, and alignment for smooth operation	1Job	1059
1054	MAT-08642	ELEC-13.2.33	Supplying & erecting MS collapsible type perforate Car/ Landing door with 50mm high 8mm thick MS pata at top with roller bearings & nylon gibes complete having adequate strength as per requirements with necessary alignment complete with having clear opening of 700/800mm in width and clear height not less than 2000mm including dismantling of existing door as applicable	1Job	10593
1055	MAT-08643	ELEC-13.2.34	Supplying & erecting MS collapsible type perforate Car/Landing door with 50mm high 8mm thick MS	1Job	12594

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			pata at top with roller bearings & nylon gibes complete having adequate strength as per requirements with necessary alignment complete with having clear opening of 1000/1200mm in width and clear height not less than 2000mm including dismantling of existing door as applicable		
1056	MAT-08644	ELEC-13.2.35	Supplying & erecting MS Collapsible type imperforate Car/Landing door with 50mm high 8mm thick MS pata at top with roller bearings & Nylon gibes complete having adequate strength as per requirements with necessary alignment complete with grassing Note for Imperforate door the thickness of CRCA sheet not less than 1.mm having clear opening of 700/800mm in width and clear height not less than 2000mm, including dismantling of existing door as applicable	1Job	16478
1057	MAT-08645	ELEC-13.2.36	Supplying & erecting COPO car/landing door panels with frame made from 1.5mm thick SS 304grade sheet complete with necessary coupler arrangements, nylon bearings at hanger with header assembly with all required accessories with electromechanical lock &nylon coated guide shoes complete having adequate strength as per requirements with necessary alignment complete with greasing having clear opening of 700mm in width and clear height not less than2000mm, including dismantling of existing door as applicable.	1Job	73798
1058	MAT-08646	ELEC-13.2.37	Supplying & erecting COPO car/landing door panels with frame made from 1.5mm thick SS 304grade sheet complete with necessary coupler arrangements, nylon bearings at hanger with header assembly with all required accessories with electromechanical lock &nylon coated guide shoes complete having adequate strength as per requirements with necessary alignment complete with greasing having clear opening of 800mm in width and clear height not less than2000mm, including dismantling of existing door as applicable	1Job	79094
1059	MAT-08647	ELEC-13.2.38	Supplying & erecting COPO car/landing door panels with frame made from 1.5mm thick SS 304grade sheet complete with necessary coupler	1Job	89687

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			arrangements, nylon bearings at hanger with header assembly with all required accessories with electromechanical lock & nylon coated guide shoes complete having adequate strength as per requirements with necessary alignment complete with greasing having clear opening of 900mm in width and clear height not less than2000mm, including dismantling of existing door as applicable		
1060	MAT-08648	ELEC-13.2.39	Supplying & erecting COPO car/landing door panels with frame made from 1.5mm thick SS 304grade sheet complete with necessary coupler arrangements, nylon bearings at hanger with header assembly with all required accessories with electromechanical lock &nylon coated guide shoes complete having adequate strength as per requirements with necessary alignment complete with greasing having clear opening of 1000mm in width and clear height not less than 2000mm, including dismantling of existing door as applicable	1Job	102164
1061	MAT-08649	ELEC-13.2.40	Supplying & erecting COPO car/landing door panels with frame made from 1.5mm thick SS 304grade sheet complete with necessary coupler arrangements, nylon bearings at hanger with header assembly with all required accessories with electromechanical lock & nylon coated guide shoes complete having adequate strength as per requirements with necessary alignment complete with greasing having clear opening of 1200mm in width and clear height not less than 2000mm, including dismantling of existing door as applicable	1Job	116523
1062	MAT-08650	ELEC-13.2.41	Providing & fixing aluminum sill with 1 track suitable for fixing of car/ landing door with necessary material like MS brackets, fasteners complete with alignment, including dismantling of existing door as applicable	1Mt	1236
1063	MAT-08651	ELEC-13.2.42	Providing & fixing aluminum Sill with 2 track suitable for fixing of car/ landing door with necessary material like MS brackets, fasteners complete with alignment, including dismantling of existing door as applicable	1Mt	1648
1064	MAT-08652	ELEC-13.2.43	Providing & fixing landing door gate lock of superior quality with necessary adjustable operating lever complies with the relevant IS suitable for swing or	1No	4708

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			collapsible type landing doors		
1065	MAT-08653	ELEC-13.2.44	Providing & fixing landing/Car gate movable contact electrical switch of superior quality complies with the relevant IS suitable for all type of landing/car doors	1No	177
1066	MAT-08654	ELEC-13.2.45	Providing & fixing LOP with single push button with metallic top& Braille Coded suitable for UP/DN having luminous glow indicator around button with MS box & 3mm thick SS face plate with screws with UP & DN button & digital CPI (suitable for 1digits) complete with necessary connections, including dismantling of existing door as applicable	1No	5179
1067	MAT-08655	ELEC-13.2.46	Providing & fixing LOP with two push button with metallic top & Braille coded suitable for UP/DN having luminous glow indicator around button with MS box & 3mm thick SS face plate with screws with UP & DN button & digital CPI (suitable for 2digits) complete with necessary connections, including dismantling of existing door as applicable	1No	6238
1068	MAT-08656	ELEC-13.2.47	Providing & fixing COP with push buttons having luminous glow indicator around button suitable for G+7 floors with push buttons with metallic top & Braille coded suitable for door close, door open, alarm bell, stop, light, fan, intercom etc, FPI, with MS box & 3mm thick SS face Plate with UP & DN arrows & digital FPI (suitable for 2digits) complete with necessary connections, including dismantling of existing COP as applicable	1No	19185
1069	MAT-08657	ELEC-13.2.48	Providing & fixing push button suitable with micro switch with push button on existing COP/LOP with necessary connections and testing complete including dismantling of existing button accessories as applicable	1No	1118
1070	MAT-08658	ELEC-13.2.49	Providing & fixing 40mm high fixing digital indicator module of gives indication of required shade with connections and testing complete including dismantling of existing accessories as applicable	1No	1412
1071	MAT-08659	ELEC-13.2.50	Providing & fixing car door operator motor with assembly of suitable capacity & speed with necessary pulleys & required accessories	1No	28248

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			complete including dismantling of existing accessories as applicable		
1072	MAT-08660	ELEC-13.2.51	Providing & fixing hydraulic type landing door closer suitable for swing door with necessary material complete, including dismantling of existing accessories as applicable	1No	1471
1073	MAT-08661	ELEC-13.2.52	Providing & fixing car/landing door guide shoe liner/ gibes complete with necessary material like nylon coating complete including dismantling of existing accessories as applicable	1 door	706
			CONTROLLER		
1074	MAT-08662	ELEC-13.2.53	Supplying erecting, testing & commissioning of electronic microprocessor/ PLC based collective-selective lift controller with closed loop logic suitable up to 5.5kW capacity lift duty motor without VVVF Drive and lift car travelling Gr+7 floors having manual operated doors complete erected on wall or floor made from 1.5mm thick CRCA sheet with powder coated enclosure having IP54 protection grade, including dismantling of existing accessories as applicable.	1Job	123350
1075	MAT-08663	ELEC-13.2.54	Supplying erecting, testing & commissioning of electronic microprocessor/PLC based collective-selective lift controller with closed loop logic suitable up to 5.5kW capacity lift duty motor without VVVF Drive & lift car travelling Gr+7 floors having power operated doors complete erected on wall or floor made from 1.5mm thick CRCA sheet with powder coated enclosure having IP54 protection grade. including dismantling of existing accessories as applicable	1Job	146772
1076	MAT-08664	ELEC-13.2.55	Supplying erecting, testing & commissioning of VVVF drive having provision for closed loop logic with necessary card, suitable to drive lift duty electric motor up to 5.5kW capacity to be erected in position with necessary wiring in existing control panel including dismantling of existing accessories as applicable	1Job	71679

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1		2	3	4	5
1077	MAT-08665	ELEC-13.2.56	Supplying erecting, testing & commissioning of VVVF drive having provision for closed loop logic with necessary card, suitable to drive lift duty electric motor up to 7.5kW capacity to be erected in position with necessary wiring in existing control panel including dismantling of existing accessories as applicable	1Job	83979
1078	MAT-08666	ELEC-13.2.57	Supplying erecting, testing & commissioning of VVVF drive having provision for closed loop logic with necessary card, suitable to drive lift duty electric motor up to 10/11kW capacity to be erected in position with necessary wiring in existing control panel including dismantling of existing accessories as applicable	1Job	107342
1079	MAT-08667	ELEC-13.2.58	Supplying erecting, testing & commissioning of VVVF drive having provision for closed loop logic with necessary card, suitable to drive lift duty electric motor up to 15kW capacity to be erected in position with necessary wiring in existing control panel including dismantling of existing accessories as applicable	1Job	135708
1080	MAT-08668	ELEC-13.2.59	Supplying erecting, testing & commissioning of VVVF drive having provision for closed loop logic suitable to drive lift door operator motor up to 0.5/0.75kW capacity to be erected in position with necessary wiring in existing control panel including dismantling of existing accessories as applicable	1Job	28130
1081	MAT-08669	ELEC-13.2.60	Supplying erecting, testing & commissioning of rotary encoder mounted on the lift motor shaft for correct & control the positioning & direction of the lift car & providing closed loop feedback to the lift controller complete with necessary shielded data cable up to controller with necessary connectors, this job includes dismantling of existing encoder if any.	1Job	26129
1082	MAT-08670	ELEC-13.2.61	Providing & fixing inspection/maintenance box with cover of suitable size with UP/DN push buttons (with mechanical protection),stop button as per IS, mechanically protected, toggle switch for normal/inspection/maintenance mode, 6A/250V 3Pin socket & 6A piano type switch protected cover with bulb & switch having IP54 grade protection class,	1Job	1766

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			this job includes dismantling of existing Inspection/maintenance box if any.		
1083	MAT-08671	ELEC-13.2.62	Providing & fixing junction box having size of 300x300mm & height of 80mm complete with Bakelite terminal strip of 16A/500V rating with cover having IP54 grade protection class includes dismantling of existing Junction box if any. This job includes dismantling of existing inspection/maintenance box if any.	1Job	1295
1084	MAT-08672	ELEC-13.2.63	Supplying erecting, testing & commissioning of ARD panel having audio-visual indication in lift car complete with necessary SMF VRLA batteries suitable for up to 8 passenger capacity lift car including dismantling of existing accessories as applicable	1Job	92512
1085	MAT-08673	ELEC-13.2.64	Supplying erecting, testing & commissioning of ARD panel having audio-visual indication in lift car complete with necessary SMF VRLA batteries suitable for 9 to 12 passenger capacity lift car. Including dismantling of existing accessories as applicable	1Job	104871
1086	MAT-08674	ELEC-13.2.65	Supplying erecting, testing & commissioning of ARD panel having audio-visual indication in lift car complete with necessary SMF VRLA batteries suitable for 13 to 16 passenger capacity lift car. Including dismantling of existing accessories as applicable	1Job	119819
1087	MAT-08675	ELEC-13.2.66	Supplying erecting, testing & commissioning of ARD panel having audio-visual indication in lift car complete with necessary SMF VRLA batteries suitable for 17 to 22 passenger capacity lift car. Including dismantling of existing accessories as applicable	1Job	136532
1088	MAT-08676	ELEC-13.2.67	Supplying erecting, testing & commissioning of ARD panel having audio-visual indication in lift car complete with necessary SMF VRLA batteries suitable for 23 to 29 passenger capacity lift car. Including dismantling of existing accessories as applicable	1Job	156894

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1		2	3	4	5
1089	MAT-08677	ELEC-13.2.68	Providing complete lift shaft wiring in copper wire/cable from main controller to car top with COP & to all landing push button panel to all landing gate locks to all floor levelling switch to main motor to brake unit & final limit switch indicator system using ISI mark single pvc insulated flexible copper wire having minimum1.0 sq. mm size from controller to safety devices & 0.75Sq mm size for indication system complete in PVC/GI trunking with cover for lift with manually/power operated doors travelling up to G+1floors /2stops& 2landings for floor height up to 4.2mtrs including dismantling of existing accessories as applicable	1Job	23540
1090	MAT-08678	ELEC-13.2.69	Supplying, erecting & terminating flat flexible PVC insulated cable 4core 1.0 sq. mm copper conductor used for railing cables complete erected with PVC/wooden fastening arrangement & lugs, on wall / trunking as per specification including dismantling of existing accessories as applicable	1Mt	177
1091	MAT-08679	ELEC-13.2.70	Supplying, erecting & terminating flat flexible PVC insulated cable 12core 1.0 sq. mm copper conductor used for trailing cables complete erected with pvc/wooden fastening arrangement & lugs, on wall/ trunking as per specification including dismantling of existing accessories as applicable	1Mt	471
1092	MAT-08680	ELEC-13.2.71	Supplying, erecting, testing & commissioning programmable rope mounted Overload Warning Device (OWD) within built digital indicator complete with required wiring & accessories with audio visual indication in lift car including dismantling of existing accessories as applicable.	1Job	75093
		Note:	1.For item no 13-2-2....for 11 to 20 passenger capacity lift, add 15% to the basic cost		
			2.For item no 13-2-2....for 21 to 29 passenger capacity lift, add 25% to the basic cost		
			3.For item nos. 13-2-6 to 13-2-9 main/diverter sheave for additional groove exceeding 4nos, add 10% in the basic cost per additional groove		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			4.For item no's 13-2-33 to 13-2-35 for Stainless Steel Collapsible doors, basic cost of MS collapsible shall be doubled, Note:- This item shall be operated with prior permission in writing from the concern Superintending Engineer (Electrical).		
			5.For item no's 13-2-33 to 13-2-35, If the requirements for landing/car doors clear height above 2000mm , for Manual operated MS door panels add Rs.1,000/- per 100mm rise per landing.		
			6. For item nos. 13-2-36 to 13-2-40 the rates are for automatic landing/car door with clear height of 2000mm If the Requirements for landing/car doors clear height above 2000mm, refer add on item no. 13-1/G (b)		
			7.For item no 13-2-47- Providing & fixing additional Floor button with allied hardware components on COP, add Rs. 2500/- per additional button.		
			8.For item no 13-2-53 & 13-2-54... Lift Controller for Lift car travelling 9 stops to 15 stops, add Rs. 27300/-.		
			9.For item no 13-2-53 & 13-2-54... Lift Controller for Lift car travelling 16 stops to 21 stops, Rs. 46000/-.		
			10.For item no 13-2-53 & 13-2-54....Lift Controller for Power Circuit suitable for above 5.5kW & up to 10kW motor, add Rs.7500/-.		
			11.For item no 13-2-53 & 13-2-54... Lift Controller for Power Circuit suitable for above 10kW & up to 15kW motor, add Rs.10900/-		
			12.For item no 13-2-68 ... For Lift Shaft Wiring in copper wire/cable, above 1st floor for lifts with manually/power operated doors, add Rs. 2500/- per floor.		
			13.The cost of dismantled material of lift parts, shall be calculated on the rate analysis based on weight density calculations of actual dismantled material e.g. mild steel/MS/GI/SS sheets, motors, copper wire, wooden parts etc.		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			14.The lift dismantled retrieved material will be handed over to agency and the calculated amount will be deducted in the bill.		
			13.3: DISMANTLING		
1093	MAT-08681	ELEC-13.3.1	Dismantling the existing 4 to 7 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material upto division/section store and handing over to the section engineer/store keeper in charge complete.	1Job	35310
1094	MAT-08682	ELEC-13.3.2	Dismantling the existing 8 to 12 Passenger lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material upto division/section store and handing over to the section engineer/store keeper in charge complete.	1Job	41195
1095	MAT-08683	ELEC-13.3.3	Dismantling the existing 13 to 17 passenger/Stretcher/Goods lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job	1Job	47080

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete		
1096	MAT-08684	ELEC-13.3.4	Dismantling the existing 18 to 22 Passenger/Stretcher/Goods lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete	1Job	49434
1097	MAT-08685	ELEC-13.3.5	Dismantling the existing 23 to 26 Passenger/Stretcher/Goods lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete	1Job	56496
1098	MAT-08686	ELEC-13.3.6	Dismantling the existing 27 to 36 Passenger/Stretcher/Goods lift of all types travelling G+1 floors (2 Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete	1Job	61204
1099	MAT-08687	ELEC-13.3.7	Dismantling the 3000 to 5000KG Goods lift of all types travelling G+1Upper Floors (2	1Job	63558

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Landings/2Stops) having with auto/manual operated doors for lift car & all landings with door frames, guide rails, controller, wiring buffers, Lift Machine, ropes complete with all allied accessories of Lift and making the site clear in all respect complete with refilling the holes with cement mortar & making the site as original this job includes transportation of the dismantled material up to division/section store and handing over to the section engineer/store keeper in charge complete		
			Add On		
		A	**If there are addition of floors for lift travelling up to six floors, add as given below**		
	MAT-08688	1	For 4 to 7 passenger lift of all types	1Floor	2943
	MAT-08689	2	For 8 to 12 passenger lift of all types	1Floor	3178
	MAT-08690	3	For 13 to 17 passenger/stretcher/goods lift of all types	1Floor	3413
	MAT-08691	4	For 18 to 23 passenger/stretcher/goods lift of all types	1Floor	3884
	MAT-08692	5	For 23 to 26 passenger/stretcher/goods lift of all types	1Floor	4002
	MAT-08693	6	For 27 to 36 passenger/stretcher/goods lift of all types	1Floor	4237
	MAT-08694	7	For 3000 to 5000Kg goods lift of all types	1Floor	4590
		A1	**If there are additional floors for Lift travelling above Six floors and up to Fifteen floors Add as given below**		
	MAT-08695	1	For 4 to 7 passenger lift of all types	1Floor	3178

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
	MAT-08696	2	For 8 to 12 passenger lift of all types	1Floor	3413
	MAT-08697	3	For 13 to 17 passenger/stretcher/goods lift of all types	1Floor	3884
	MAT-08698	4	For 18 to 23 passenger/stretcher/goods lift of all types	1Floor	4002
	MAT-08699	5	For 23 to 26 passenger/stretcher/goods lift of all types	1Floor	4237
	MAT-08700	6	For 27 to 36 passenger/stretcher/goods lift of all types	1Floor	4590
	MAT-08701	7	For 3000 to 5000Kg goods lift of all types	1Floor	4826
		A2	**If there are additional floors for Lift travelling above fifteen floors and up to Twenty floors , add as given below**		
	MAT-08702	1	For 4 to 7 passenger lift of all types	1Floor	3413
	MAT-08703	2	For 8 to 12 passenger lift of all types	1Floor	3884
	MAT-08704	3	For 13 to 17 passenger/stretcher/goods lift of all types	1Floor	4002
	MAT-08705	4	For 18 to 23 passenger/stretcher/goods lift of all types	1Floor	4237
	MAT-08706	5	For 23 to 26 passenger/stretcher/goods lift of all types	1Floor	4590
	MAT-08707	6	For 27 to 36 passenger/stretcher/goods lift of all types	1Floor	4826
	MAT-08708	7	For 3000 to 5000Kg goods lift of all types	1Floor	5297
		B	**If there are additional set of lift car door and landing door, add**		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			as given below		
	MAT-08709	1	For 4 to 7 passenger lift of all types	1Set	2119
	MAT-08710	2	For 8 to 12 passenger lift of all types	1Set	2354
	MAT-08711	3	For 13 to 17 passenger/stretcher/goods lift of all types	1Set	2472
	MAT-08712	4	For 18 to 23 passenger/stretcher/goods lift of all types	1Set	2825
	MAT-08713	5	For 23 to 26 passenger/stretcher/goods lift of all types	1Set	2472
	MAT-08714	6	For 27 to 36 passenger/stretcher/goods lift of all types	1Set	2943
	MAT-08715	7	For 3000 to 5000Kg goods lift of all types	1Set	3531
			13.4. LIFTS COMPREHENSIVE MAINTENACE		
			Note: The 1st and 2nd years shall be treated as the Defect Liability Period (DLP) therefore, comprehensive maintenance charges are applicable from the 3rd year onwards.		
1100		ELEC-13.4.1	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 8-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	82126
		b.	4th year	1 Job	87054
		c.	5th year	1 Job	92277

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		d.	6th year	1 Job	97814
		e.	7th year	1 Job	103683
		f.	8th year	1 Job	109904
		g.	9th year	1 Job	116498
		h.	10th year	1 Job	123488
1101		ELEC-13.4.2	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 10-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	98243
		b.	4th year	1 Job	104138
		c.	5th year	1 Job	110386
		d.	6th year	1 Job	117009
		e.	7th year	1 Job	124030
		f.	8th year	1 Job	131472
		g.	9th year	1 Job	139360
		h.	10th year	1 Job	147722
1102		ELEC-13.4.3	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 13-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	104887
		b.	4th year	1 Job	111180

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		c.	5th year	1 Job	117851
		d.	6th year	1 Job	124922
		e.	7th year	1 Job	132417
		f.	8th year	1 Job	140362
		g.	9th year	1 Job	148784
		h.	10th year	1 Job	157711
1103		ELEC-13.4.4	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 15-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	122949
		b.	4th year	1 Job	130326
		c.	5th year	1 Job	138146
		d.	6th year	1 Job	146435
		e.	7th year	1 Job	155221
		f.	8th year	1 Job	164534
		g.	9th year	1 Job	174406
		h.	10th year	1 Job	184870
1105		ELEC-13.4.5	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 20-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	146616

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		b.	4th year	1 Job	155413
		c.	5th year	1 Job	164738
		d.	6th year	1 Job	174622
		e.	7th year	1 Job	185099
		f.	8th year	1 Job	196205
		g.	9th year	1 Job	207977
		h.	10th year	1 Job	220456
1106		ELEC-13.4.6	Providing comprehensive annual maintenance for (Bumper-to-bumper service plan) 1 No. 22-passenger lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	150407
		b.	4th year	1 Job	159431
		c.	5th year	1 Job	168997
		d.	6th year	1 Job	179137
		e.	7th year	1 Job	189885
		f.	8th year	1 Job	201278
		g.	9th year	1 Job	213355
		h.	10th year	1 Job	226156
1107		ELEC-13.4.7	Providing comprehensive annual maintenance for (Bumper-to-bumper service plan) 1 No. 26-Passenger cum Stretcher/Hospital Lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			the lift manufacturers)		
		a.	3rd year	1 Job	160454
		b.	4th year	1 Job	170081
		c.	5th year	1 Job	180286
		d.	6th year	1 Job	191103
		e.	7th year	1 Job	202569
		f.	8th year	1 Job	214723
		g.	9th year	1 Job	227606
		h.	10th year	1 Job	241262
1108		ELEC-13.4.8	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No.3000Kg Goods/44 Passengers Lift serving up to 4 floors including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	194781
		b.	4th year	1 Job	206468
		c.	5th year	1 Job	218856
		d.	6th year	1 Job	231987
		e.	7th year	1 Job	245906
		f.	8th year	1 Job	260660
		g.	9th year	1 Job	276300
		h.	10th year	1 Job	292878
1109		ELEC-13.4.9	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No.4000Kg Goods /59 Passengers lift serving up to 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	215704
		b.	4th year	1 Job	228646
		c.	5th year	1 Job	242365
		d.	6th year	1 Job	256907
		e.	7th year	1 Job	272321
		f.	8th year	1 Job	288660
		g.	9th year	1 Job	305980
		h.	10th year	1 Job	324339
1110		ELEC-13.4.10	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 8-passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	82126
		b.	4th year	1 Job	87054
		c.	5th year	1 Job	92277
		d.	6th year	1 Job	97814
		e.	7th year	1 Job	103683
		f.	8th year	1 Job	109904
		g.	9th year	1 Job	116498
		h.	10th year	1 Job	123488
1111		ELEC-13.4.11	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 10-passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments,		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	98243
		b.	4th year	1 Job	104138
		c.	5th year	1 Job	110386
		d.	6th year	1 Job	117009
		e.	7th year	1 Job	124030
		f.	8th year	1 Job	131472
		g.	9th year	1 Job	139360
		h.	10th year	1 Job	147722
1112		ELEC-13.4.12	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 13-passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	104887
		b.	4th year	1 Job	111180
		c.	5th year	1 Job	117851
		d.	6th year	1 Job	124922
		e.	7th year	1 Job	132417
		f.	8th year	1 Job	140362
		g.	9th year	1 Job	148784
		h.	10th year	1 Job	157711
1113		ELEC-13.4.13	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 15-		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	122949
		b.	4th year	1 Job	130326
		c.	5th year	1 Job	138146
		d.	6th year	1 Job	146435
		e.	7th year	1 Job	155221
		f.	8th year	1 Job	164534
		g.	9th year	1 Job	174406
		h.	10th year	1 Job	184870
1114		ELEC-13.4.14	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 20-passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	146616
		b.	4th year	1 Job	155413
		c.	5th year	1 Job	164738
		d.	6th year	1 Job	174622
		e.	7th year	1 Job	185099
		f.	8th year	1 Job	196205
		g.	9th year	1 Job	207977
		h.	10th year	1 Job	220456

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1115		ELEC-13.4.15	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 22-passenger lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	150407
		b.	4th year	1 Job	159431
		c.	5th year	1 Job	168997
		d.	6th year	1 Job	179137
		e.	7th year	1 Job	189885
		f.	8th year	1 Job	201278
		g.	9th year	1 Job	213355
		h.	10th year	1 Job	226156
1116		ELEC-13.4.16	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No. 26-Passenger cum Stretcher/Hospital Lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	160454
		b.	4th year	1 Job	170081
		c.	5th year	1 Job	180286
		d.	6th year	1 Job	191103
		e.	7th year	1 Job	202569
		f.	8th year	1 Job	214723

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		g.	9th year	1 Job	227606
		h.	10th year	1 Job	241262
1117		ELEC-13.4.17	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No.3000Kg Goods/44 Passengers Lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	194781
		b.	4th year	1 Job	206468
		c.	5th year	1 Job	218856
		d.	6th year	1 Job	231987
		e.	7th year	1 Job	245906
		f.	8th year	1 Job	260660
		g.	9th year	1 Job	276300
		h.	10th year	1 Job	292878
1118		ELEC-13.4.18	Providing comprehensive annual maintenance (Bumper-to-bumper service plan) for 1 No.4000Kg Goods /59 Passengers lift serving more than 4 floors, including routine inspections, servicing, testing, adjustments, lubrication, and repairs/replacement of defective parts, complete ensuring safe and satisfactory operation for one year. (The annual maintenance charges are considered at 6% of the capital cost, as agreed by the lift manufacturers)		
		a.	3rd year	1 Job	215704
		b.	4th year	1 Job	228646
		c.	5th year	1 Job	242365

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		d.	6th year	1 Job	256907
		e.	7th year	1 Job	272321
		f.	8th year	1 Job	288660
		g.	9th year	1 Job	305980
		h.	10th year	1 Job	324339
			Note: The above items are applicable after completion of the 2-year Defect Liability Period (DLP), during which maintenance shall be carried out by the contractor at no extra cost to the department.		
			MEDICAL GAS PIPELINE SYSTEM		
1119		ELEC-14.1.1	Supply and fixing of 2 x 20 Oxygen Main Manifold with 19 mm O.D x12 mm ID Copper Pipe mounted on Top Frame, Middle Frame and Bottom Frame, along with brass blocks, NRVs/Cylinder Valves and Pigtail Pipes of 1 mtr long of size 8 mm O.D x 3 mm I.D, duly tested at 250 Kg/Cm2 pressure, with Automatic Control Panel including cost and conveyance of all material, taxes, transportation charges and labour charges errection and commissioning charges etc. Complete for finished item of work Makes: As per list of recommended brands.	Set	258750
1120		ELEC-14.1.2	Supply and Fixing of 2 x 4 Oxygen Emergency Manifold with 19 mm O.D x12 mm ID Copper Pipe mounted on Top Frame, Middle Frame and Bottom Frame, along with brass blocks, NRVs/Cylinder Valves and Pigtail Pipes of 1 mtr long of size 8 mm O.D x 3 mm I.D,duly tested at 250 Kg/Cm2 pressure and manifold fixed with High Pressure Valve System fixed on the Manifold both the Sides. Makes: As per list of recommended brands.	Set	85000
1121		ELEC-14.1.3	Supply and fixing of 2 x 4 Main Nitrous Oxide Manifold with 19 mm O.D x12 mm ID Copper Pipe mounted on Top Frame, Middle Frame and Bottom Frame, along with brass blocks, NRVs/Cylinder Valves and Pigtail Pipes of 1 mtr long of size 8 mm	Set	85000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			O.D x 3 mm I.D,duly tested at 250 Kg/Cm2 pressure. & Semi Automatic Control Panel for Nitrous Oxide. Makes: As per list of recommended brands.		
1122		ELEC-14.1.4	Supply and Fixing of 2 x 2 Nitrous Oxide Emergency Manifold with Heavy Duty with 19 mm O.D x12 mm ID Copper Pipe mounted on Top Frame, Middle Frame and Bottom Frame, along with brass blocks, NRVs/Cylinder Valves and Pigtail Pipes of 1 mtr long of size 8 mm O.D x 3 mm I.D,duly tested at 250 Kg/Cm2 pressure with Regulator kit and 1 no. service point, including cost and conveyance of all materials, taxes, transportation charges and labour charges errection and commissioning charges etc. complete for finished item of work.Makes: As per list of recommended brands.	Set	27600
1123		ELEC-14.1.5	Supply and Fixing of 15 V x 10 Model Ingersoll Rand model Twin Vacuum pump system with 2000 Ltrs Capacity Vacuum Receiver, 10 HP Motors, Starters, Filters, Vacuum Switches and other standard accessories, Twin System. Makes: As per list of recommended brands.	Set	1055700
1124		ELEC-14.1.6	Supply and Fixing of Aneste Iwata Make TFS 150 C9 Model, Compresso Two stage, Motor 15 HP & 57.18 CFM, 60 CFM Air Dryer with2000 Ltrs Receiver Twin System. Makes: As per list of recommended brands.	Set	1140000
1125		ELEC-14.1.7	Supply and fixing of ……mm thick copper pipe thick for distribution, pipes shall be half drawn, tempered, seamless, phosphorous deoxidized, non arsenic and decreased confirming to BS 2871-1971 Part-1 (Table-X) and the chemical compositions shall be as per BS 6017 of 1981 table-2 with Lloyd Test Certification, including cost and conveyance of pipes, cost of necessary specials made of copper and suitable for a steam working pressure of 17 bar and should confirm to BS 864 with specially made for brazed socket type connections, including taxes, transportation charges including laying and jointing, testing, commissioning and all other labour charges etc. complete for finished item of work. Makes: As per list of recommended brands.		
		a	12mm O.D x 0.7 mm	Rmt	418
		b	15mm O.D x0.9mm	Rmt	666

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		c	22mm O.D x0.9mm	Rmt	917
		d	28mm O.D x0.9mm	Rmt	1100
		e	42mm O.Dx1.2mm	Rmt	2681
		f	54mm O.Dx1.5mm	Rmt	3928
1126		ELEC-14.1.8	Supply and fixing of…… Isolation Valves with necessary brass end fittings designed for a working pressure of 300 psi / 27 inc. Hg. Vacuum, Non Ferrous, Non Lubricated with 90 degrees turn, Hand lever operated of standard make of valves including cost and conveyance of all materials, taxes, transportation charges, fixing charges and testing charges and all labour charges etc. complete for finished item of work. Makes: As per list of recommended brands.		
		a	12 mm Valves	Each	850
		b	15 mm Valves (1/2")	Each	1150
		c	22 mm Valves (3/4")	Each	1600
		d	28 mm Valves (1")	Each	1850
		e	42 mm Valves (1")	Each	2150
		f	54 mm Valves (2")	Each	3160
1127		ELEC-14.1.9	Deleted	Each	Deleted
1128		ELEC-14.1.10	Supply and fixing of ……..consisting of all necessary accessories ie pressure sensors, regulators, pressure SWGs etc. complete including cost and conveyance of all materials, taxes, transportation charges etc. complete for finished item of work. Makes: As per list of recommended brands.		
		a	3 Gas Digital Alarm Panel	Each	28000
		b	4 Gas Digital Alarm Panel	Each	28750
1129		ELEC-14.1.11	Supply and Fixing of Oxygen Flow meters with Humidifier Bottles. Makes: As per list of recommended brands	Each	1400
1130		ELEC-14.1.12	Supply and Fixing of Ward Vacuum Units with 600 ml Jar. Makes: As per list of recommended brands.	Each	1725
		ELEC-	Deleted	Each	Deleted

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		14.1.13			
		ELEC-14.1.14	Deleted	Each	Deleted
		ELEC-14.1.15	Deleted	Each	Deleted
		ELEC-14.1.16	Deleted	Each	Deleted
		ELEC-14.1.17	Deleted	Each	Deleted
1131		ELEC-14.1.18	Supply and Fixing of Vacuum Tube. Makes: As per list of recommended brands.	Rmt	45
1132		ELEC-14.1.19	Supply and Fixing of HP (High pressure) Tube. Makes: As per list of recommended brands.	Rmt	52
		ELEC-14.1.20	Deleted	Each	Deleted
		ELEC-14.1.21	Deleted	Each	Deleted
			STP & ETP WORKS (ELECTRO-MECHANICAL ITEMS)		
1133		ELEC-14.2.1	Supply and fixing, testing and commissioning of Manual Coarse Bar Screen Size: To Suit 400mm Wide x 200mmLiquid Height Clear Opening of Screen: 25mm Size of Flat: 50mm x 6mm Angle of Inclination: 60 Degree Shape of Screen: Curved Top Accessories: Rake & 2 Nos. Side Plate MOC: SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	38520
1134		ELEC-14.2.2	Supply and fixing, testing and commissioning of Manual Coarse Bar Screen Size: To Suit 600mm Wide x 200mm Liquid Height Clear Opening of Screen: 25mm Size of Flat: 50mm x 6mm	Each	42800

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Angle of Inclination: 60 Degree Shape of Screen: Curved Top Accessories: Rake & 2 Nos. Side Plate MOC: SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1135		ELEC-14.2.3	Supply and fixing, testing and commissioning of Manual Fine Bar Screen Size: To Suit 300mm Wide x 200mm Liquid Height Clear Opening of Screen: 10mm Size of Flat: 50mm x 6mm Angle of Inclination: 45 Degree Shape of Screen: Curved Top Accessories: Rake MOC: SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	47080
1136		ELEC-14.2.4	Supply and fixing, testing and commissioning of Manual Fine Bar Screen Size: To Suit 500mm Wide x 200mm Liquid Height Clear Opening of Screen: 10mm Size of Flat: 50mm x 6mm Angle of Inclination: 45 Degree Shape of Screen: Curved Top Accessories: Rake MOC: SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	42800
1137		ELEC-14.2.5	Supply and fixing, testing and commissioning of Mechanical Fine Bar Screen Size: To Suit 500mm Wide x 200mm Liquid Height (700mm Total Height) Clear Opening of Screen: 6mm Size of Flat: 50mm x 3mm Angle of Inclination: 75 Degree Type of Screen: Fixed Bar, Mechanically Raked	Each	139100

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Screen Accessories: Discharge Chute MOC of All Wetted Parts : SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1138		ELEC-14.2.6	Supply and fixing, testing and commissioning of Slotted Pipe Oil Skimmer Size: To Suit 750mm Wide Oil & Grease Trap Size of Slotted Pipe: 200mm Dia Type of Operation: Manual Hand Wheel MOC of All Wetted Parts : SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	90950
1139		ELEC-14.2.7	Supply and fixing, testing and commissioning of Slotted Pipe Oil Skimmer Size: To Suit 750mm Wide Oil & Grease Trap Size of Slotted Pipe: 200mm Dia Type of Operation: Manual Hand Wheel MOC of All Wetted Parts : SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	90950
1140		ELEC-14.2.8	Supply and fixing, testing and commissioning of Slotted Pipe Oil Skimmer Size: To Suit 2000mm Wide Oil & Grease Trap Size of Slotted Pipe: 200mm Dia Type of Operation: Manual Hand Wheel MOC of All Wetted Parts : SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	139100
1141		ELEC-14.2.9	Supply and fixing, testing and commissioning of Equalisation Tank Blower Capacity of Blower: 50m3/Hr @ 5.5 MWC Type of Blower: Twin Lobe	Each	80250

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			MOC of Blower: CI Speed of Blower : Less than 1000 RPM Speed of Blower Motor: 1440 RPM The Blower shall be complete with Blower & Motor mounted on a common base frame, belt drive, belt guard, Suction & Discharge Silencer, Air Filter, Safety Valve, NRV, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1142		ELEC-14.2.10	Supply and fixing, testing and commissioning of Equalisation Tank Blower Capacity of Blower: 180m3/Hr @ 5.5 MWC Type of Blower: Twin Lobe MOC of Blower: CI Speed of Blower : Less than 1000 RPM Speed of Blower Motor: 1440 RPM The Blower shall be complete with Blower & Motor mounted on a common base frame, belt drive, belt guard, Suction & Discharge Silencer, Air Filter, Safety Valve, NRV, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	181900
1143		ELEC-14.2.11	PH METER :- supply and Fixing of PH meter PO 650 ph/ orp with push button type for physical dimensions 105x105x130mm cut out size 92x92mm enclosure ABS weather proof IP-65 calibration /set point ,Sensor dimension 140mmx32mm ,Flow throw . It including cost and conveyance , all taxes specification Provided at the outlet of Sewerage treated water sump it including all taxes as directed by Engineer-in-charge . Makes: As per list of recommended brands.	Each	20330
1144		ELEC-14.2.12	Supply and fixing, testing and commissioning of Coarse Bubble Diffusers Type: Disc Diffuser Size: 80mm Dia MOC: EPDM including all incidental and operational charges etc,	Each	803

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1145		ELEC-14.2.13	Supply and fixing, testing and commissioning of Fine Bubble Diffusers Type: Tubular Size: 1.0m Long x 90 Dia MOC: EPDM including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	2140
1146		ELEC-14.2.14	Supply and fixing, testing and commissioning of Equivalisation Effluent/ Sewage Pump Capacity of Pump: 4.00 Cu.m/Hr @ 6m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 10mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	60990
1147		ELEC-14.2.15	Supply and fixing, testing and commissioning of Equalisation Effluent/Sewage Pump Capacity of Pump: 15 Cu.m/Hr @ 6m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 80mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	75041

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1148		ELEC-14.2.16	Supply and fixing, testing and commissioning of Equalisation Effluent/ Sewage Pump Capacity of Pump: 25 Cu.m/Hr @ 6m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 80mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	90950
1149		ELEC-14.2.17	Supply and fixing, testing and commissioning of Equalisation Effluent/ Sewage Pump Capacity of Pump: 32.5 Cu.m/Hr @ 6m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 40mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	107000
1150		ELEC-14.2.18	Supply and fixing, testing and commissioning of Mixer for Anoxic Tank Type: Turbine Type RPM of Mixer: 50 MOC of Shaft & Blades: SS 304 Motor KW: 1.1 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Nos	80250
1151		ELEC-14.2.19	Supply and fixing, testing and commissioning of Mixer for Anoxic Tank	Each	101650

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Size: To Suit 2.275 x 2.0 x 4.5m LD (5.0m TD) Type: Turbine Type RPM of Mixer: 100 MOC of Shaft & Blades: SS 304 Motor KW: 1.1 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1152		ELEC-14.2.20	Supply and fixing, testing and commissioning of Aeration Blower Capacity of Blower: 120Nm3/Hr @ 5.5 MWC Type of Blower: Twin Lobe MOC of Blower: CI Speed of Blower : Less than 1000 RPM Speed of Blower Motor: 1440 RPM The Blower shall be complete with Blower & Motor mounted on a common base frame, belt drive, belt guard, Suction & Discharge Silencer, Air Filter, Safety Valve, NRV, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	171200
1153		ELEC-14.2.21	Supply and fixing, testing and commissioning of Aeration Blower Capacity of Blower: 504Nm3/Hr @ 5.5 MWC Type of Blower: Twin Lobe MOC of Blower: CI Speed of Blower : Less than 1000 RPM Speed of Blower Motor: 1440 RPM The Blower shall be complete with Blower & Motor mounted on a common base frame, belt drive, belt guard, Suction & Discharge Silencer, Air Filter, Safety Valve, NRV, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	304950
1154		ELEC-14.2.22	Supply and fixing, testing and commissioning of Air Piping from Blower upto Diffusers for Equalisation Tank Blower & Aeration Blower	ONE KG	482

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			MOC of Exposed Pipes: SS 304 MOC of Vertical Drops: SS 304 MOC of Under Water pipes: SS 304 MOC of Guide Pipe & Lifting Chain: SS 304 The Air Piping shall be complete with Individual blower delivery piping with NRV, Diaphragm Valve, Main Header Piping from the Blower delivery up to equ tank/aeration tank including drop/vertical piping, header along the tank, vertical drop pipes with control valve & dismantling type joint, diffuser header pipe & laterals with nozzles for diffuser, end cap, vertical guide pipe at the other end of diffuser header, lifting chain, etc., complete. The design of piping shall be such that it should be possible to remove diffusers from the tanks without emptying tank & shutting off the system. The arrangement shall be that the we should be able to take out the Vertical drop pipe & the diffuser header just by dismantling the joint in the vertical drop pipe and should be able to refix the same in position. Pipe Sizes: As per Diffuser Manufacturer recommendations. The Contractor has to provide detailed air piping calc for the air pipes from the diffuser supplier to match the specified blower. Battery Limit: Form Flange of Blowers till diffuser The Piping cost is inclusive all necessary materials required for the piping like pipes, fittings, adopters, flanges, fasteners, pipe supports, clamps, valves, labour charges for fabrication, erection, pressure testing, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1155		ELEC-14.2.23	Supply and fixing, testing and commissioning of Air Piping from Blower upto Diffusers for Equalisation Tank Blower & Aeration Blower MOC of Exposed Pipes: SS 304 MOC of Vertical Drops: SS 304 MOC of Under Water pipes: SS 304 MOC of Guide Pipe & Lifting Chain: SS 304 The Air Piping shall be complete with Individual	ONE KG	364

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			blower delivery piping with NRV, Diaphragm Valve, Main Header Piping from the Blower delivery up to equ tank/aeration tank including drop/vertical piping, header along the tank, vertical drop pipes with control valve & dismantling type joint, diffuser header pipe & laterals with nozzles for diffuser, end cap, vertical guide pipe at the other end of diffuser header, lifting chain, etc., complete. The design of piping shall be such that it should be possible to remove diffusers from the tanks without emptying tank & shutting off the system. The arrangement shall be that the we should be able to take out the Vertical drop pipe & the diffuser header just by dismantling the joint in the vertical drop pipe and should be able to refix the same in position. Pipe Sizes: As per Diffuser Manufacturer recommendations. The Contractor has to provide detailed air piping calc for the air pipes from the diffuser supplier to match the specified blower. Battery Limit: Form Flange of Blowers till diffuser The Piping cost is inclusive all necessary materials required for the piping like pipes, fittings, adopters, flanges, fasteners, pipe supports, clamps, valves, labour charges for fabrication, erection, pressure testing, etc., complete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1156		ELEC-14.2.24	Supply, Transportation and fixing, testing and commissioning of Media for MBBR (Moving Bed Bio-Reactor) Tank Volume of Media: Cu.m Shape of Media: Conical Frustum Surface Area:300-400 m2/m3 of media Structure: Cylindrical with Fins Sp Gravity: 0.9 to 0.95 MOC: P P UV Stabilised No.of Pieces 50,000-70000 No/Cu.Mt Weight per Cum 95 to 100 Kgs including all incidental and operational charges etc, as per approved drawings and as directed by	CUM	8937

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1157		ELEC-14.2.25	Supply and fixing, testing and commissioning of Internal Recirculation Pump Capacity of Pump: 1 Cu.m/Hr @ 5m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 10mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Final payment after Lab Testing treated water satisfying the following parameters BOD less than 20, COD less than 50. Makes: As per list of recommended brands.	Nos	60990
1158		ELEC-14.2.26	Supply and fixing, testing and commissioning of Internal Recirculation Pump Capacity of Pump: 15 Cu.m/Hr @ 3m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 80mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Final payment after Lab Testing treated water satisfying the following parameters BOD less than 5, COD less than 10. Makes: As per list of recommended brands.	Each	79983
1159		ELEC-14.2.27	Supply and fixing, testing and commissioning of Internal Recirculation Pump	Each	96300

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Capacity of Pump: 50.00 Cu.m/Hr @ 3m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 80mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Final payment after Lab Testing treated water satisfying the following parameters BOD less than 5, COD less than 10. Makes: As per list of recommended brands.		
1160		ELEC-14.2.28	Supply and fixing, testing and commissioning of Internal Recirculation Pump Capacity of Pump: 62.5 Cu.m/Hr @ 3m Head Type of Pump: Non Clog Vertical Submersible Solid Handling Size: 80mm Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI Accessories: Auto Coupling, SS304 Lifting Chain, SS Guide Pipe, Control Panel with Level Switches for auto Start & Stop including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Final payment after Lab Testing treated water satisfying the following parameters BOD less than 5, COD less than 10. Makes: As per list of recommended brands.	Each	101650
1161		ELEC-14.2.29	Supply and fixing, testing and commissioning of Secondary Clarifier To Suit: 3.0 m x 3.0 m x2.50m SWD (0.5m FB) Sq Clarifier. Floor Slope: 1 in 12Free Board: 0.5m The Clarifier shall be to suit the Civil Tank (As per the attached GA Drg).The Launder top will be finished to true level to ensure uniform overflow to	Each	240750

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			avoid overflow weirs. The clarifier shall be complete with Mechanical Bridge/Platform spanning across the tank with GI Grating & Handrails for the entire length, Feed Well, Central Drive mechanism, Centre shaft, scrapper arm with neoprene squeezes, sludge pit cone scrapper, etc., complete. MOC: MSEP + GI Gratings + GI Handrails including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1162		ELEC-14.2.30	Supply and fixing, testing and commissioning of Secondary Clarifier To Suit: 5.0 m x 5.0 m x 3.50m SWD (0.5m FB) Sq Clarifier. Floor Slope: 1 in 12 Free Board: 0.5m The Clarifier shall be to suit the Civil Tank (As per the attached GA Drg). The Launder top will be finished to true level to ensure uniform overflow to avoid overflow weirs. The clarifier shall be complete with Mechanical Bridge/Platform spanning across the tank with GI Grating & Handrails for the entire length, Feed Well, Central Drive mechanism, Centre shaft, scrapper arm with neoprene squeezes, sludge pit cone scrapper, etc., complete. MOC: MSEP + GI Gratings + GI Handrails including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	374500
1163		ELEC-14.2.31	Supply and fixing, testing and commissioning of Secondary Clarifier To Suit: 9.1m x 9.1m x 3.0m SWD (0.5m FB) Sq Clarifier. Floor Slope: 1 in 12 Free Board: 0.5m The Clarifier shall be to suit the Civil Tank (As per the attached GA Drg). The Launder top will be finished to true level to ensure uniform overflow to avoid overflow weirs.	Each	428000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Mechanical Bridge/Platform spanning across the tank with GI Grating & Handrails for the entire length, Feed Well, Central Drive mechanism, Centre shaft, scrapper arm with neoprene squeezes, sludge pit cone scrapper, etc., complete. MOC: MSEP + GI Gratings + GI Handrails including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1164		ELEC - 14.2.32	Supply and fixing, testing and commissioning of Sludge Pump Capacity of Pump : 1 Cu.m/Hr @ 5m Head Type of Pump: Horizontal Centrifugal Impeller Type: Non Clog MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item. Makes: As per list of recommended brands.	Nos	37450
1165		ELEC-14.2.33	Supply and fixing, testing and commissioning of Sludge Pump Capacity of Pump: 25 Cu.m/Hr @ 3m Head Type of Pump: Horizontal Centrifugal Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	77297
1166		ELEC-14.2.34	Supply and fixing, testing and commissioning of Sludge Pump Capacity of Pump: 32 Cu.m/Hr @ 3m Head Type of Pump: Horizontal Centrifugal Impeller Type: Non Clog MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	107000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1167		ELEC-14.2.35	Supply and fixing, testing and commissioning of UV Disinfection System Flow: 25 Cu.m/Hr. Type of Flow: Gravity Type: UV Lamp covered with Quartz Glass MOC of Enclosure: SS 304 Accessories: Control Panel including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	230050
1168		ELEC-14.2.36	Supply and fixing, testing and commissioning of UV Disinfection System Flow: 32 Cu.m/Hr. Type of Flow: Gravity Type: UV Lamp covered with Quartz Glass MOC of Enclosure: SS 304 Accessories: Control Panel including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	251450
1169		ELEC - 14.2.37	Supply and fixing, testing and commissioning of Filter Feed Pump Capacity of Pump: 5 Cu.m/Hr @ 20m Head Type of Pump: Horizontal Centrifugal Impeller Type: Closed MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Nos.	36915
1170		ELEC-14.2.38	Supply and fixing, testing and commissioning of Filter Feed Pump Capacity of Pump: 25 Cu.m/Hr @ 30m Head Type of Pump: Horizontal Centrifugal Impeller Type: Semi Open MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by	Each	100580

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1171		ELEC-14.2.39	Supply and fixing, testing and commissioning of Filter Feed Pump Capacity of Pump: 33.5 Cu.m/Hr @ 30m Head Type of Pump: Horizontal Centrifugal Impeller Type: Semi Open MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	126260
1172		ELEC-14.2.40	Supply and fixing, testing and commissioning of Pressure Sand Filter Capacity of Filter: 7.50 Cu.m/Hr. Minimum Dia of Filter: 0.90m Minimum HOS of Filter: 1.8m Minimum Height of Filter Sand: 0.30m Minimum Plate Thickness for Shell & Dish: 6mm Type of Underdrain: Nozzle Plate with Plastic Nozzles Type of Inlet: Inlet Distribution Box/ Bell Mouth. Specification for Filter Media: As per CPHEEO Manual Accessories: Frontal Piping & Valves. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	123050
1173		ELEC-14.2.41	Supply and fixing, testing and commissioning of Pressure Sand Filter Capacity of Filter: 32.50 Cu.m/Hr. Minimum Dia of Filter: 1.8m Minimum HOS of Filter: 1.5m Minimum Height of Filter Sand: 0.75m Minimum Plate Thickness for Shell & Dish: 6mm Type of Underdrain: Nozzle Plate with Plastic Nozzles Type of Inlet: Inlet Distribution Box/ Bell Mouth. Specification for Filter Media: As per CPHEEO Manual	Each	221490

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			MOC of Filter: MSEP Accessories: Frontal Piping & Valves. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1174		ELEC-14.2.42	Supply and fixing, testing and commissioning of Activated Carbon Filter Capacity of Filter: 7.50 Cu.m/Hr. Minimum Dia of Filter: 0.70m Minimum HOS of Filter: 1.8m Minimum Height of Activated Carbon: 0.30m Minimum Plate Thickness for Shell & Dish: 6mm Type of Underdrain: Nozzle Plate with Plastic Nozzles Type of Inlet: Inlet Distribution Box. Type of Activated Carbon: Coal Based/Coconut shell Minimum Iodine Value for Activated Carbon: 1000 MOC of Filter: MSEP Accessories: Frontal Piping & Valves. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	171200
1175		ELEC-14.2.43	Supply and fixing, testing and commissioning of Activated Carbon Filter Capacity of Filter: 32.50 Cu.m/Hr. Minimum Dia of Filter: 1.90m Minimum HOS of Filter: 1.5m Minimum Height of Activated Carbon: 0.75m Minimum Plate Thickness for Shell & Dish: 6mm Type of Underdrain: Nozzle Plate with Plastic Nozzles Type of Inlet: Inlet Distribution Box. Type of Activated Carbon: Coal Based/Coconut shell Minimum Iodine Value for Activated Carbon: 1000 MOC of Filter: MSEP Accessories: Frontal Piping & Valves. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	283550

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1176		ELEC-14.2.44	Supply and fixing, testing and commissioning of Hypochlorite solution dosing System Dosing System shall be complete with 1 No. - 100 Lit Capacity HDPE Tank with Inlet & Outlet Connections, Level Indicator Dosing Pump, 0 - 5 LPH Capacity, 2 Nos. Complete Flexible Tubing with Valves, NRV's, Strainers, etc., from Dosing Tank to dosing Point including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	System	42800
1177		ELEC-14.2.45	Supply and fixing, testing and commissioning of FeCl3 solution dosing System Dosing System shall be complete with 1 No. - 50 Lit Capacity HDPE Tank with Inlet & Outlet Connections, Level Indicator 1 No. - Agitator to suit 50 Lit HDPE tank of SS 304 MOC, 100 RPM speed. Dosing Pump, 0 - 6 LPH Capacity, 2 Nos. Complete Flexible Tubing with Valves, NRV's, Strainers, etc., from Dosing Tank to dosing Point including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	System	30763
1178		ELEC - 14.2.46	Supply and fixing, testing and commissioning of Treated Water Pump Capacity of Pump: 5 Cu.m/Hr @ 20m Head Type of Pump: Horizontal Centrifugal Impeller Type: Closed MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Nos	41730
1179		ELEC-14.2.47	Supply and fixing, testing and commissioning of Treated Water Pump Capacity of Pump: 15 Cu.m/Hr @ 20m Head Type of Pump: Horizontal Centrifugal Impeller Type: Semi Open MOC of Casing: CI MOC of Impeller: CI	Each	80250

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1180		ELEC-14.2.48	Supply and fixing, testing and commissioning of Treated Water Pump Capacity of Pump: 32 Cu.m/Hr @ 30m Head Type of Pump: Horizontal Centrifugal Impeller Type: Semi Open MOC of Casing: CI MOC of Impeller: CI including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	85600
1181		ELEC-14.2.49	Supply and fixing, testing and commissioning of Filter Press Feed Pump Capacity of Pump: 1 Cu.m/Hr @ 20m Head Type of Pump: Screw Pump Impeller Type: Screw MOC of Casing: CI MOC of stator : Nitrile MOC of rotor : SS 304 including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	55640
1182		ELEC-14.2.50	Supply and fixing, testing and commissioning of Manual Plate Filter Press Size of Plate: 610 x 610mm No. of Chambers: 8 Chamber Operation: Hydraulic Pump Capacity: For Dewatering of 2 Cu.m/Day, 3% Sludge in 10Hour including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	141240
1183		ELEC-14.2.51	Supply and fixing, testing and commissioning of Manual Plate Filter Press Size of Plate: 610 x 610mm	Each	267500

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			No. of Chambers: 16 Chamber Operation: Hydraulic Pump Capacity: For Dewatering of 5 Cu.m/Day, 3% Sludge in 12 Hour including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1184		ELEC-14.2.52	Supply and fixing, testing and commissioning of Dewatering PE solution dosing System Dosing System shall be complete with 2 Nos. - 50 Lit Capacity HDPE Tank with Inlet & Outlet Connections, Level Indicator. 2 Nos. - Agitator to suit 100 Lit HDPE tank of SS 304 MOC, 100 RPM speed. Complete Flexible Tubing with Valves, NRV's, Strainers, etc., from Dosing Tank to dosing Point including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	System	69550
1185		ELEC-14.2.53	Supply and fixing, testing and commissioning of Jib Crane for Lifting of Submersible Pumps Capacity : 0.5 Ton Min Clear Height: 2.50m to the Bottom of the Hook (From Base plate). Degree of Rotation: 360 Degrees. Length of Boom: 2.0m to the Centre of Lifting Hook from the centre of mast. Rotating Operation: Manual Accessories Reqd: 0.5 Ton Capacity Chain Pulley Block with Lifting Chain of 9.0m + Trolley of reputed make. Mast section: Circular Mast of required Height Method of Installation: By Welding to Fish Plate embedded in concrete. including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.	Each	128400
1186		ELEC-14.2.54	Supply and fixing, testing and commissioning of Tube Settler Media for Settling tank	CUM	9095

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Volume of Media: 48 Cu.m Shape of Media: Vertical Plate Structure: Sheet with locking arrangement MOC: PVC No.of Pieces 150 per Cum (Size 1 Mtr x 0.5) including all incidental and operational charges etc, as per approved drawings and as directed by Engineer-in-charge complete for finished item of work. Makes: As per list of recommended brands.		
1187		ELEC-14.2.55	Supplying, Laying, Testing & Commissioning of Piping from Last Manhole to Coarse Screen Chamber……..complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.		
		a	100 Dia PVC 10 KSC Pipe	1 RM	696
		b	300 Dia PVC 10 KSC Pipe	1 RM	1124
1188		ELEC-14.2.56	Supplying, Laying, Testing & Commissioning of Delivery Piping with Valves & NRV for Raw Effluent/Sewage Pump up to Inlet Chamber…….complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.		
		a	80 NB - DI Pipe	1 RM	803

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		b	100 NB - DI Pipe	1 RM	963
1189		ELEC-14.2.57	Supplying, Laying, Testing & Commissioning of Delivery Piping with Valves & NRV for Equ Effluent/ Sewage Pump up to Anoxic Tank - 80 NB - uPVC Sch 40 Pipe complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.	1 RM	803
1190		ELEC-14.2.58	Supplying, Laying, Testing & Commissioning of Delivery Piping with Valves & NRV for Internal Recirculation Pump up to Inlet of Anoxic Tank…….complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.		
		a	80 NB - uPVC Sch 40 Pipe	1 RM	803
		b	100 NB - uPVC Sch 40 Pipe	1 RM	1017
1191		ELEC-14.2.59	Supplying, Laying, Testing & Commissioning of Piping from Sec Clarifier Launder Outlet to Filter Feed Tank through UV disinfection module……complete piping for the MLD E&STP to match the P & ID and		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.		
		a	80 NB uPVC Sch 40 Pipe	1 RM	803
		b	125 NB uPVC Sch 40 Pipe	1 RM	1231
1192		ELEC-14.2.60	Supplying, Laying, Testing & Commissioning of Filter Feed Pump Suction (Dual Suction, one from Filter Feed Tank & second from UF Feed Tank) and Delivery Piping with valves, NRV, up to frontal piping of PSF &ACF - 80 NB uPVC Sch 40 Pipe complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.	1 RM	803
1193		ELEC-14.2.61	Supplying, Laying, Testing & Commissioning of Filter Feed Pump Suction (Dual Suction, one from Filter Feed Tank & second from UF Feed Tank) and Delivery Piping with valves, NRV, up to frontal piping of PSF &ACF…..complete piping for the MLD E&STP to match the P & ID and to match the layout, using suitable material pipes of approved makes conforming to IS, including pipe specials like bends of suitable degree, elbow, tee, union/flanges, values, fasteners, Cutting the pipes to		

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			requirement, making joints with pipe specials, earth work excavation, laying, refilling as required, or in pipe supports including its foundation, pipe supports, clamping system, etc., Conducting wet run, rectifying the leaks if any in laid pipe work, etc, complete with valves as applicable. Battery Limits: From Head Manhole near the STP-I (Approx. 15m), piping for Treated Water Pump for a length of 100m from the STP boundary. The complete piping within the E&STP area shall be contractor's scope. Makes: As per list of recommended brands.		
		a	65 NB - uPVC Sch 40 Pipe	1 RM	696
		b	80 NB - uPVC Sch 40 Pipe	1 RM	803
1194		ELEC-14.2.62	SITC of DO Meter of approved make with interconnection wiring for auto switching on and off of Blowers, based on the DO Levels of the aeration tank. Makes: As per list of recommended brands.	Each	53500
1195		ELEC-14.2.63	SITC of 50 Dia Electro Magnetic Flow Meter with local & remote indication panel with totaliser, including wiring between instrument & remote indicator, power supply wiring, etc., complete. Makes: As per list of recommended brands.	Each	53500
1196		ELEC-14.2.64	Supply, installation, testing and commissioning of Bourden type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm2. Makes: As per list of recommended brands.	Each	749
			BUILDING MANAGEMENT SYSTEMS		
1197		ELEC-14.3.1	Supply, Installation, Testing & Commissioning of BMS server with following latest Intel microprocessor Xeon or higher processor, 2.7 to 3.0Ghz or above clock speed, 16 GB expandable up to 32GB DDR 4 RAM,HDD - 1TB SATA, R/W CD / DVD drive, Flat Monitor - 32" LED, Serial Ports - 2 Nos, USB Ports - 4 Nos, Network Card 10/100/1000MB, Graphics card 1GB, Windows Operating System-Higher version, MS office suite Anti virus, Optical mouse & key board etc.as per detailed technical specifications and approved make including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Set	434500

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1198		ELEC-14.3.2	Supply, Installation, Testing & Commissioning of BMS Client Workstation with following Latest Intel microprocessor i7 / higher , 2.7 to 3.0Ghz or above clock speed, 8GB expandable up to 32GB DDR 4 RAM, HDD - 1TB SATA ,R/W CD / DVD drive, Flat Monitor - 32" LED, Serial Ports - 2 Nos. USB Ports - 4 Nos with at least 2 NOs USB 3.0 Ports, Network Card 10/100/1000MB - 2 Nosography card 1GB,Windows 10 Operating System / Higher, MS office suite Anti virus, Optical mouse & key board etc.as per detailed technical specifications and approved. Makes: As per list of recommended brands.	Set	104500
1199		ELEC-14.3.3	Supply, Installation, Testing & Commissioning of Building Control System Software - MAIN BMS SERVER SOFTWARE, of the following windows based graphical software for IBMS system with 1No Client for Operator workstation, 1No Client for Engineer workstation. The Software shall have 3D & HD vector dynamic graphics with Autocad import of plan with Zoom In & Zoom Out facility, Native 64 Bit System , BTL,UL,EN Certified System, BACnet Profile B-AWS (Advanced workstation) as per the BTL Listing, dot net platform, Certified OPC DA Server by OPC Foundation, Web-Based Server software shall permit use of Standard Web-Browsers such as Microsoft Internet Explorer, Chrome, Firefox, Netscape Navigator, etc. The Software shall comply to international standards and strive to deliver products that meet security standards such as ISA/IEC 62443, UL2900, ISO/IEC 27001, ISO/IEC62443 and OWASP. Cybersecurity audit trail , 4-eye principle , Seamless integration of certificates within customer IT infrastructure, Microsoft's active directory-based authentication, Use of network infrastructure that supports physical network or VLAN segmentation, Placing the web server in a "demilitarized zone" (DMZ), End-to-end encryption, from client to server, End-to-end encryption between servers, Certificate-based data exchange, Encrypted backups. The software shall have the capability to integrate with BIM Modelling. The software shall be Energy Conservation Calculation	Set	715000

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Software, Energy Management & Engineering Software and Software license shall be for 100% spare license. The software shall be Server based with all other accessories complete as required including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.		
1200		ELEC-14.3.4	DDC for Air Handling Unit -(2 AHU per DDC)- Supply, Installation, Testing & Commissioning of 32 Bit Microprocessor true IP Based DDC supporting and I/O's designed as per the IO Summary with all other mounting accessories, The controller shall have inbuilt 2-port Ethernet switch . The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules, The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. Each DDC should contain 20% spare IO for each type of below mentioned IO's. DDC Internal Cabling shall be BMS vendor scope. For more Details, Please refer IO Summary and as per detailed technical specifications and approved make including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Set	68200
1201		ELEC-14.3.5	DDC for OT - Air Handling Unit - (1 AHU per DDC)- SITC of True IP Based DDC Standalone 32 Bit Intelligent, peer to peer communication, interoperable DDC as per the specification. The compact controller shall have inbuilt 2-port Ethernet switch with WLAN interface. The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules. The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. The controller shall be freely programmable and have System functions (alarming, scheduling, trending, access protection with individually definable user profiles and categories). It should have Cloud connectivity for remote access and inbuilt port for POT for local interface. Makes: As per list of recommended brands.	Set	62091

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1202		ELEC-14.3.6	DDC for Ventilation and Lift Lobby Pressurization Fans- (4 Fans per DDC)- SITC of True IP Based DDC Standalone 32 Bit Intelligent, peer to peer communication, interoperable DDC as per the specification. The compact controller shall have inbuilt 2-port Ethernet switch with WLAN interface. The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules. The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. The controller shall be freely programmable and have System functions (alarming, scheduling, trending, access protection with individually definable user profiles and categories). It should have Cloud connectivity for remote access and inbuilt port for POT for local interface. Makes: As per list of recommended brands.	Set	60716
1203		ELEC-14.3.7	DG - SITC of True IP Based DDC Standalone 32 Bit Intelligent, peer to peer communication, interoperable DDC as per the specification. The compact controller shall have inbuilt 2-port Ethernet switch with WLAN interface. The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules. The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. The controller shall be freely programmable and have System functions (alarming, scheduling, trending, access protection with individually definable user profiles and categories). It should have Cloud connectivity for remote access and inbuilt port for PO. Makes: As per list of recommended brands.	Set	66550
1204		ELEC-14.3.8	DDC for Transformer/HT/LT- Supply, Installation, Testing & Commissioning of 32 Bit Microprocessor true IP Based DDC supporting and I/O's designed as per the IO Summary with all other mounting accessories, The controller shall have inbuilt 2-port Ethernet switch . The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules,The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. Each	Each	198520

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			DDC should contain 20% spare IO for each type of below mentioned IO's. DDC Internal Cabling shall be BMS vendor scope. For more Details, Please refer IO Summary. As per detailed technical specifications and approved make including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.		
1205		ELEC-14.3.9	DDC for Lifts- Supply, Installation, Testing & Commissioning of 32 Bit Microprocessor true IP Based DDC supporting and I/O's designed as per the IO Summary with all other mounting accessories, The controller shall have inbuilt 2-port Ethernet switch . The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules, The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. Each DDC should contain 20% spare IO for each type of below mentioned IO's. DDC Internal Cabling shall be BMS vendor scope. For more Details, Please refer IO Summary.as per detailed technical specifications and approved make including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Each	66550
1206		ELEC-14.3.10	DDC for Plumbing System & Fire Fighting - Supply, Installation, Testing & Commissioning of 32 Bit Microprocessor true IP Based DDC supporting and I/O's designed as per the IO Summary with all other mounting accessories, The controller shall have inbuilt 2-port Ethernet switch . The controller shall have 16 inputs/outputs inbuilt and can be expandable upto max 40 points by Input/Output Modules, The DDC shall have 300 Mhz processor with 128 MByte SDRAM (DDR3) and 512 MByte NAND Flash. Each DDC should contain 20% spare IO for each type of below mentioned IO's. DDC Internal Cabling shall be BMS vendor scope. For more Details, Please refer IO Summary,. As per detailed technical specifications and approved make including all charges complete etc as directed by Engineer In charge/ departmental authorities.	Each	63800

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
1207		ELEC-14.3.11	Software Integration- SITC of True IP Based BTL & UL Listed for third party integration for AHU VFD's, VRV System, Thermostats, DG/UPS/LT/HT Panel and Fire Alarm Systems. The controller shall have 2-port Ethernet switch and WLAN interface. It should have BTL label (BACnet communications passed the BTL test) and consisting of Dual microprocessor with Storage capacity of 1 GB RAM. It should support Real Time clock upto 7 Days. It should Support of the major communication protocols: BACnet,/IP, BACnet MS/TP, Modbus IP and Modbus RTU upto 500 points. Integrator shall be of same make only. Makes: As per list of recommended brands.	Job	275000
1208		ELEC-14.3.12	Supply, Installation, Testing & Commissioning of Ambient Temperature + RH Sensor with all the mounting accessories included. Temp sensor shall be Pt 1000 RTD type with 4 to 20mA transmitter or thermistor type and RH sensor shall be capacitive type with 4 to 20mA transmitter. The temperature measurement range shall be 0 to 50oC and humidity range shall be 0 to 95% RH as technical specification with all other mounting accessories complete as required including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Each	20684
1209		ELEC-14.3.13	Supply, fixing, Testing & Commissioning of Room Type Temperature + Humidity Sensor including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Nos	15048
1210		ELEC-14.3.14	Supply, Installation, Testing & Commissioning of Differential Pressure Switch (DPS) with all the mounting accessories included. The maximum pressure limit shall be 0-1000Pa as technical specification with all other mounting accessories complete as required. Field Devices & internal cabling of AHU shall be BMS vendor scope including all charges complete etc as directed by Engineer In charge/ departmental authorities.	Each	2696

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
1211		ELEC-14.3.15	Supply, Installation, Testing & Commissioning of Duct Static Pressure Sensor with all the mounting accessories included. The maximum pr limit shall be 0-500Pa all other mounting accessories complete as required. Field Devices & internal cabling of AHU shall be BMS vendor scope including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Each	7534
1212		ELEC-14.3.16	Supply, fixing, Testing & Commissioning of Duct Temperature Sensors including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Nos	3733
1213		ELEC-14.3.17	Supply, installation, testing and commissioning of Return air CO2 Sensor including all charges complete etc as directed by Engineer In Charge/ departmental authorities. Makes: As per list of recommended brands.	Each	17365
1214		ELEC-14.3.18	Supply, fixing, Testing & Commissioning of Current Relay including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Nos	2255
1215		ELEC-14.3.19	Supply, fixing, Testing & Commissioning of Voltage Transducer including all charges complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.	Each	7150
1216		ELEC-14.3.20	Supply, fixing, Testing & Commissioning of Ultrasonic Water Level Sensor (Note: Level should indicate as Litre basis in BMS Screen) for Water tank as technical specification with all other mounting accessories including all charges complete etc as directed by Engineer In Charge/ departmental authorities. Makes: As per list of recommended brands.	Each	21437
1217		ELEC-14.3.21	Supply, fixing, Testing & Commissioning of Flame Proof Diesel Level Sensor for Diesel Day Tank Monitoring. Tank Height 1 Mtr including all charges	Each	13594

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			complete etc as directed by Engineer In charge/ departmental authorities. Makes: As per list of recommended brands.		
			ACCESS CONTROL SYSTEMS		
1218		ELEC-14.4.1	Supply and installation of Biometric Thumb reader with Proximity card readers based on RFID technology with Keypad, with Back Plate including all fixing accessories. Rate shall include required accessories, tools and tackles,transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.	Each	20592
1219		ELEC-14.4.2	Supply and installation of Proximity card readers based on RFID technology, along with Back Plate including all fixing accessories. Rate shall include required accessories, tools and tackles,transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.	Each	11960
1220		ELEC-14.4.3	Supply and installation of Proximity Access Card (16k bit with 2 application areas) with print as per client requirement. Makes: As per list of recommended brands.	Each	291
1221		ELEC-14.4.4	Supply and installation of Exit Push Button (Egress Switch), Rate shall include required accessories, tools and tackles, transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.	Each	635
1222		ELEC-14.4.5	Supply and installation of Single Leaf 600 Lbs Magnetic Lock with required mounting accessories, Rate shall include required accessories, tools and tackles, transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises.	Each	2964

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
			Makes: As per list of recommended brands.		
1223		ELEC-14.4.6	Supply and installation of Double Leaf Magnetic Lock with required mounting accessories, Rate shall include required accessories, tools and tackles, transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.	Each	5876
1224		ELEC-14.4.7	Supply and installation of UL, CE approved Access Controller - Smart card reader interfaces for 2 door, supports up to 4 smart card reader interfaces, Network connection to the host system and Compact Flash, RS485, RS232 or Ethernet connectivity, 20,000 cardholders data & up to 100,000 transaction detail storage. Makes: As per list of recommended brands.	Each	36400
1225		ELEC-14.4.8	Supply and installation of ACCESS DOOR CONTROLLER housing shall be in accordance with UL guidelines and is used for securely mounting and housing the Access Controller, extensions and the power supplies. Makes: As per list of recommended brands.	Each	6760
1226		ELEC-14.4.9	Supply and installation of Power supply with battery charger for ACCESS DOOR CONTROLLER Shall be with Selectable 12 VDC or 24 VDC voltage output Overvoltage protection Regulates battery charging voltage The product is classified in accordance with the following standards: • EN 55022 Class B • EN 55024 • IEC / UL / EN 60950 & CSA (product safety) • CE The Power supply can be mounted on rails and installed in the housing. Makes: As per list of recommended brands.	Each	8528

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
1227		ELEC-14.4.10	Supply and installation of Door Buzzer, Rate shall include required accessories, tools and tackles, transportation, material and labour etc., complete as instructed by Engineer In charge. The contractor should follow the safety measures inside the premises. Makes: As per list of recommended brands.	Each	676
1228		ELEC-14.4.11	Supply of MS Junction boxes for mounting readers/exit switch/break glass in wall / partitions. Makes: As per list of recommended brands.	Each	350
			NURSE-CALL SYSTEM		
		ELEC-14.5.1	Deleted	Each	Deleted
		ELEC-14.5.2	Deleted	Each	Deleted
		ELEC-14.5.3	Deleted	Each	Deleted
		ELEC-14.5.4	Deleted	Each	Deleted
		ELEC-14.5.5	Deleted	Each	Deleted
		ELEC-14.5.6	Deleted	Each	Deleted
		ELEC-14.5.7	Deleted	Each	Deleted
		ELEC-14.5.8	Deleted	Each	Deleted
		ELEC-14.5.9	Deleted	Each	Deleted
		ELEC-14.5.10	Deleted	Each	Deleted
		ELEC-14.5.11	Deleted	Each	Deleted

SL. NO.	CFMS CODE (2018-19)	ITEM CODE	DESCRIPTION OF ITEM	Unit	Basic Rate for SOR 2026-27 (Rs.)
1		2	3	4	5
		ELEC-14.5.12	Deleted	Each	Deleted

Electrical & Electro Mechanical items

(List of Recommended brands/Manufacturers for guidance of field engineers)

S.No	Item Code	Category	Makes
			SECTION – 1
	1.1		**M.S. CONDUIT PIPES**
1	ELEC-1.1.1	……	Makes: NAI / Bharath / GB / AKG/Precision.
	1.2		**PVC CONDUIT PIPES**
2	ELEC1.2.1/ 1.2.2/1.2.6/1.2. 7/1.2.8	……	Makes: Precision/Universal& Marudhar/VIP/GoldMedal / Million plast /GM / Sudhakar/Polycab /Anchor/ Polyline/ Orbit /AKG /Beljin /Vasavi /DEC/MODI'S/Siddartha/ Wire guard.
3	ELEC-1.2.3	……	Makes: Precision/VIP / Modi/ GoldMedal / Million plast / GM / Sudhakar / Polyline/Orbit/Anchor/Beljin
4	ELEC- 1.2.4 /1.2.5	……	Make:Precision/ VIP / GoldMedal / Million plast / Sudhakar / Polyline/Anchor/Beljin
5	ELEC- 1.2.10		Make: Legrand/ Modi's/ Honeywell
	1.5		**COPPER FLEXIBLE CABLES (AS PER IS:694)**
6	ELEC-1.5.1	CATEGO RY- I	Makes: Finolex / RR kabel / Havells/Finecab/ KEI/Polycab/Gloster/Goldmedal/GM/ Fortune Arrt/Anchor/Million/ APAR(Anushakthi) /Sudhakar /Orbit/Batra Henlay/Salzer.
7	ELEC-1.5.2	CATEGO RY- II	Makes: V-Guard/ M Plus /Bonton / HPL / Tamra/ /Plaza/ /Vihan/ Millicab/Ollvin/Laser/Beljin/Rhino/ Standard / Vimal /DEC /Unistar/LS cable/ AKG /Nakoda /Vijaya /South king Avocab/Gemscab/AJUSS/V-Marc.
8	ELEC-1.5.3	CATEGO RY- III	Makes: Star / Airson/ Benlo / Rajnigandha/ CRI /Spykaar /Unicab/Fybros/A-Flex /Foursun /Vimcab /Vasura/Vasavi/PSPL /NITCAB.
			SHEATHED FLEXIBLE COPPER CABLES
9	ELEC-1.5.4	CATEGO RY- I	Makes: Finolex / RR kabel / Havells/ Finecab /KEI/Polycab/ Gloster/ Goldmedal/GM// Fortune Arrt/Anchor /Million/Sudhakar/Orbit/Batra Henlay/Salzer.
10	ELEC-1.5.5	CATEGO RY- II	Makes: V-Guard/ M Plus/Bonton/ HPL / Tamra/ /Plaza/ /Vihan/ Millicab/Spykaar/ Ollvin /Laser /Beljin /Rhino/ Standard/ Vimal/DEC/Unistar/Fybros/A-Flex//LS cable/ Foursun/Vimcab/Nakoda /Vijaya/South king/ Vasura/Vasavi/AJUSS/PSPL /V-Marc.
11	ELEC-1.5.6	……	Makes: Finolex / Polycab / Havells / V-Guard / Gold Medal / GM / Million / Vimal /Airson/CRI/ Tamra/ ollvin/Avocab
12	ELEC-1.5.7	CATEGO RY- I	Makes: Finolex / RR kabel / Havells/KEI /Polycab /Gloster /Goldmedal/GM/Million/Sudhakar/Orbit
13	ELEC-1.5.8	CATEGO RY- II	Makes:V-Guard/Bonton /Finecab/ HPL /Fortune Arrt / Tamra/ Anchor/Plaza/ Vihan /Ollvin /Laser /Beljin/Rhino/ Standard / Vimal
	1.6		**SERVICE MAINS AND FLAT CABLE FOR SUBMERSIBLE MOTORS.**

14	ELEC-1.6.1/1.6.2	……	Makes: Gold Medal / Million / GM / Vimal/M Plus / Finecab / Nakoda / Plaza/ Payal/Millicab/ Sudhakar/ Rajnigandha/ Airson/Orbit/ollvin/Beljin
15	ELEC-1.6.3	CATEGORY- I	Makes: Finolex / RR Kabel/ Polycab / Havells / KEI/ Gloster/ Goldmedal / GM/ Finecab/ Million/ APAR(Anushakthi)/Sudhakar/ Lauritz Knudsen (formerly L&T) /CRI/Suguna/Cord wave/Salzer.
16	ELEC-1.6.4	CATEGORY- II	Makes: V-Guard / M Plus /Vihan/Vimal/ Lubi /Unicab/ /Hitech/ Millicab/Spykaar/ Airson/Ollvin/ Laser/ Beljin /Rhino /Fortune Arrt/Unistar/DEC//LS cable/ A-Flex/ Fybros/ Foursun/Vimcab/Nakoda/Vijaya /South king/ Vasura/Vasavi/AJUSS/PSPL /V-Marc.
	1.7		**FLUSH TYPE SWITCHES AND ACCESSORIES**
17	ELEC-1.7.1	……	Makes: GM G Home / Gold Medal Olive / Million Zoom / Great white Omega/Koncept/Vimal opel/ Anchor /Vihan /CPL/ Havells Reo/Elleys
	1.8		**MODULAR SWITCHES AND ACCESSORIES**
18	ELEC-1.8.1/1.8.3	CATEGORY- I	Makes: Legrand (Myrius/Lyncus) / Schneider (Clipsal X/ Livia AB)/ Crabtree (Murano/Athena)/Lauritz Knudsen-entice/enCurve (formerly L&T))/ GM-(Four-Five)/ Goldmedal(GIFA)/North-West(Artisa)/Million (M-VEE) /Anchor Roma (PLUS)/Precision(Series 7) /Honeywell(Blenze pro)/Indoasian(Shynora) /Salzer (diamond series)
19	ELEC-1.8.2/1.8.4	CATEGORY- II	Makes: Legrand(Allzy)/Crabtree Verona / Lauritz Knudsen (formerly L&T)) / HPL/ Schneider Livia/ GM-(G NINE/ GX) C&S/ Goldmedal (Curve/Air) / North-West(Nowa) /Million Mway / Logus Platina/ Panasonic Vision / Salzer (S90series/Gravitas) / Precision(Series 5)/Koncept (Samrat/ Qura)/ /Polycab(Levana / IndoAsian(Elvira)/ Pointer/ CPL /Kolors/ Vihan/Hosper/ Vimal /DEC(Unicus) /Fybros/Infinity/Elleys(e-soft)/Orbit(German)
			SECTION - 2
	2.1		**PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS (SDFU)**
20	ELEC-2.1.1	CATEGORY- I	Makes: Lauritz Knudsen (formerly L&T)/Schneider / C&S / ABB / SIEMENS
21	ELEC-2.1.2	CATEGORY- II	Makes: Standard / Havells / HPL / Indo Asian / Benlo/Anchor/BCH
	2.2		**ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION)**
22	ELEC-2.2.1	CATEGORY- I	Makes: Socomec / Lauritz Knudsen (formerly L&T) /HPL / Havells/ C&S/Legrand/ABB
23	ELEC-2.2.2	CATEGORY- II	Makes: ABB / GE / Siemens / Indo Asian / Benlo /Standard
	2.3		**OFF LOAD CHANGE OVER SWITCHES IN SS ENCLOUSURE**
24	ELEC-2.3.1	CATEGORY- I	Makes: HPL / Havells / Standard / Indo Asian / C&S/Legrand/ABB
25	ELEC-2.3.2	CATEGORY- II	Makes: Benlo / Million (Miltrip)/ GoldMedal /GM/ Vimal/Gorlan(Telergon)
			ON LOAD CHANGE OVER SWITCHES IN SS

			ENCLOUSURE
	ELEC-2.3.3	CATEGORY- I	Makes: HPL / Havells / Standard / Indo Asian / C&S/ABB
	ELEC-2.3.4	CATEGORY- II	Makes: Benlo / Million (Miltrip)/GoldMedal /GM/ Vimal /Gorlan(Telergon)
	2.4		**AUTO TRANSFER SWITCH**
26	ELEC-2.4.1	……	Makes: Socomec /Hager /ABB/ HPL/ Lauritz Knudsen (formerly L&T) /Havells/Gorlan(Telergon)
27	ELEC-2.4.2	……	Makes: Socomec ATysP/ ABB/ Lauritz Knudsen (formerly L&T) /Gorlan(Telergon)
	2.5		**REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE**
28	ELEC-2.5.1	CATEGORY- I	Makes: HPL / Havells / Standard / Indo Asian/Benlo
29	ELEC-2.5.2	CATEGORY- I	Makes: HPL / Havells / Standard / Indo Asian /Benlo
30	ELEC-2.5.3	CATEGORY- II	Makes: Anchor /GM / Million (Miltrip)/ Sputnik / Sigma / Gold Medal / Star/Kundan cab/Anchor.
31	ELEC-2.5.4	CATEGORY- II	Makes: Anchor / GM / Million (Miltrip)/ Sputnik / Sigma / Gold Medal / Star/Kundan cab/Anchor.
	2.6		**HRC FUSE LINKS (DIN/BOLTED TYPE)**
32	ELEC-2.6.1	……	Makes: Lauritz Knudsen (formerly L&T) / G E / C & S / Standard / HPL / Havells / Siemens / Indo Asian
	2.7		**PORCELAIN REWIRABLE FUSE UNITS.**
33	ELEC-2.7.1	……	Makes: C&S/Standard/HPL/ Sputnik / Million (Miltrip)/ Gold Medal /GM/ Benlo/Anchor
34	ELEC-2.7.2	……	Makes: C&S/Standard/HPL/ Sputnik / Million (Miltrip)/ Gold Medal / GM/Benlo/Anchor
	2.8		**VOLTAGE SURGE PROTECTORS**
35	ELEC-2.8.1	……	Makes: Legrand / Siemens / G.E / Lauritz Knudsen (formerly L&T) /Hager/Havells
	2.9		**PANEL MOUNTING MCCBs**
36	ELEC-2.9.1	CATEGORY- I	Makes: Lauritz Knudsen (formerly L&T) - D shine / Schneider-CVS/Legrand –(DP X3/DRX)/ Siemens- 3VL / Hager-h3/C&S -Winbreak/HPL-Techno /ABB (Formula DSP)
37	ELEC-2.9.2	CATEGORY- II	Makes: GE / ABB / Havells / Standard / Indo Asian/BCH/Eaton
			PANEL MOUNTING ACBs (Microprocessor Based)
38	ELEC-2.9.3	CATEGORY- I	Makes: Siemens/ Lauritz Knudsen (formerly L&T) / Schneider /Legrand /C&S /HPL/ABB
39	ELEC-2.9.4	CATEGORY- II	Makes: GE / Indo Asian / Havells/BCH/Eaton
			AIR INSULATED BUS DUCT
40	ELEC-2.9.5	……	Makes: Legrand (Zucchini) / C&S/Advance-Anant
41	ELEC-2.9.6	……	Makes: Legrand (Zucchini) / C&S/Advance- Anant
42	ELEC-2.9.7	……	Makes: Legrand (Zucchini) / C&S /Advance-Anant
43	ELEC-2.9.8	……	Makes: Legrand (Zucchini) / C&S/Advance-Anant
			SANDWITCH BUSDUCT
44	ELEC-2.9.9	……	Makes: Legrand (Zucchini) / Lauritz Knudsen (formerly L&T) / Schneider/C&S/Advance-Anant
45	ELEC-2.9.10	……	Makes: Legrand (Zucchini) / Lauritz Knudsen (formerly

			L&T) / Schiender / C&S /Advance-Anant
46	ELEC-2.9.11	……	Makes: Legrand (Zucchini) / Lauritz Knudsen (formerly L&T) / Schiender /C&S/Advance-Anant
47	ELEC-2.9.12	……	Makes: Legrand (Zucchini) / Schiender /C&S/Advance-Anant
48	ELEC-2.9.13	……	Makes: Legrand (Zucchini) / Lauritz Knudsen (formerly L&T) / Schiender /C&S/Advance- Anant
49	ELEC-2.9.14	……	Makes: Legrand (Zucchini) / Lauritz Knudsen (formerly L&T) / Schiender /C&S/Advance-Anant
	2.1		**MCBs (AS PER IS:60898-1:2002)**
50	ELEC-2.10.1	CATEGORY- I	Makes: Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx / Lauritz Knudsen (formerly L&T)-AU/Indo Asian-Opti pro/ HPL (Techno) /Anchor (Uno Plus)/ABB-SB200
51	ELEC-2.10.2	CATEGORY- II	Makes: ABB- S200/Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) -Exora/ GM/Gold Medal/ Salzer /Polycab/Million(Miltrip)/Benlo/BCH/Eaton /Vimal-V tech.
52	ELEC-2.10.3	CATEGORY- III	Makes: Legrand RX3/Milltec/ Sputnik /Precision/Amron.
	2.11		**ISOLATORS CONFIRMS TO I E C 60947 PART-III**
53	ELEC-2.11.1	CATEGORY- I	Makes: Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx/ Lauritz Knudsen (formerly L&T) -AU/Indo Asian-Opti pro/HPL(Techno)/ Anchor (Uno Plus)/ABB-SDB200
54	ELEC-2.11.2	CATEGORY- II	Makes: ABB- S200/Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) -Exora/ GM/Gold Medal/ Salzer /Polycab/ Million(Miltrip)/Benlo/BCH/Eaton /Vimal-V tech.
55	ELEC-2.11.3	CATEGORY- III	Makes: Legrand RX3/ Milltec / Sputnik / Precision /Amron.
	2.12		**RCCBs(ELCB/RCD) CONFIRMS TO IEC:61008 AND IS:12640-1**
56	ELEC-2.12.1	CATEGORY- I	Makes: Legrand-DX3 / Schneider-A9/Hager-h3/ Siemens-5SX4/ Havells STADx/ Lauritz Knudsen (formerly L&T) -AU/Indo Asian-Opti pro/HPL(Techno)/ Anchor (Uno Plus)/ABB-FB200
57	ELEC-2.12.2	CATEGORY- II	Makes: ABB- S200/Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) -Exora/ GM/Gold Medal/Salzer /Polycab/Benlo/BCH/Eaton
			RCBO CONFIRMS TO IEC:61009-1
58	ELEC-2.12.3	……	Makes: ABB- S200/Standard / Havells-euro II / HPL (Techno) / C&S/ Lauritz Knudsen (formerly L&T) -Exora/ GM /Gold Medal/ Anchor/Salzer /Polycab /Benlo/ABB-DSB-201
	2.13		**MCB DISTRIBUTION BOARDS (AS PER IS 8623; IS 13032; IEC 61439-3)**
59	ELEC-2.13.1	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
60	ELEC-2.13.2	CATEGO	Makes: Standard / Havells-euro II / C&S/ Lauritz

		RY- II	Knudsen (formerly L&T) /GM /Gold Medal/ Salzer/Polycab/ Million(Miltrip)/Benlo/BCH/Eaton /Vimal-V tech.
61	ELEC-2.13.3	CATEGORY- III	Makes:Milltec / Sputnik / Precision/ Amron.
			TPN DBs
62	ELEC-2.13.4	CATEGORY- I	Makes: Legrand (Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
63	ELEC-2.13.5	CATEGORY- II	Makes: Standard / Havells-euro II / C&S/ Lauritz Knudsen (formerly L&T) /GM /Gold Medal/ Salzer /Polycab / Million(Miltrip)/Benlo/BCH/Eaton/Vimal-V tech.
64	ELEC-2.13.6	CATEGORY- III	Makes: Milltec /Precision/Amron.
			VTPN DBs
65	ELEC-2.13.7	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
66	ELEC-2.13.8	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS.
67	ELEC-2.13.9	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
68	ELEC-2.13.10	CATEGORY- II	Makes: Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) /GM /Gold Medal/Salzer/Benlo/BCH/Eaton
69	ELEC-2.13.11	CATEGORY- II	Makes: Siemens / Standard / Havells /Hager/ C&S/ Lauritz Knudsen (formerly L&T) / Benlo/BCH/Eaton.
70	ELEC-2.13.12	CATEGORY- II	Makes: Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) /GM /Gold Medal/Salzer/ Benlo/BCH/Eaton.
71	ELEC-2.13.13	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Crabtree Xpro classique-II/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
72	ELEC-2.13.14	CATEGORY- II	Makes: Standard / Havells-euro II / C&S / Lauritz Knudsen (formerly L&T) /GM /Gold Medal/ Salzer /Polycab/Million(Miltrip)//Benlo/BCH/Eaton/Vimal-V tech.
73	ELEC-2.13.15	CATEGORY- III	Makes: Milltec / Sputnik /Amron
74	ELEC-2.13.16	CATEGORY- I	Makes: Legrand(Ekinox 3) / Schneider-A9/Hager - Novello+/ Seimens/Havells STADx/ Lauritz Knudsen (formerly L&T) -Newrange/Indo Asian-Opti Pro/ HPL (Techno)/ Anchor (Uno Plus)/ABB-ITUS
75	ELEC-2.13.17	CATEGORY- II	Makes: Siemens / ABB / Standard / Havells / Hager/ C&S / Lauritz Knudsen (formerly L&T) / GM / Gold Medal /Polycab/ Million(Miltrip)/Benlo/BCH/Eaton/Vimal-V tech.
76	ELEC-2.13.18	CATEGO	Makes: Milltec / Sputnik /Amron.

		RY- III	
	ELEC-2.14.1& ELEC-2.14.2		Makes : Havells/Legrand/Hager /Schenider/ABB
	ELEC-2.15.1		Makes : Havells//Hager/Indo Asian /HPL /Million(Miltrip).
			SECTION - 3
	3.1		**STREET LIGHT LUMINAIRES**
77	ELEC-3.1.1	CATEGO RY- I	Deleted
78	ELEC-3.1.2	CATEGO RY-II	Deleted
79	ELEC-3.1.3	CATEGO RY- I	Deleted
80	ELEC-3.1.4	CATEGO RY- II	Deleted
81	ELEC-3.1.5	CATEGO RY- I	Deleted
82	ELEC-3.1.6	CATEGO RY- II	Deleted
83	ELEC-3.1.7	……	Deleted
	3.2		**LED POST TOP LANTERN LUMINAIRES**
84	ELEC-3.2.1	……	Makes: Crompton LPTO-40-CDL-M/ Bajaj Celesta BGCL 40 W LED Wh/Wipro LP 02 or equivalent in Phillips/Keselec/Havells Endura Spring / Rhino(GPLP14)/Lightman-Derby/JLCJustled(Sunrise).
85	ELEC-3.2.2	……	Make: Keselec MIRI or equivalent in Philips/Wipro/Lightman-blimp/JLCJustled(Ribhat).
86	ELEC-3.2.3	……	Make: Keselec CAMBRIDGE/ or equivalent in Philips/Wipro/Lightman-Amaira/JLCJustled(wings-3).
87	ELEC-3.2.4	……	Makes: Crompton / Bajaj/ Wipro /Phillips /Keselec /Havells /Lightman-panama/JLCJustled.
	3.3		**ACCESSORIES FOR MV / SV / MH LUMINAIRES**
			COPPER BALLASTS
88	ELEC-3.3.1	……	Deleted
89	ELEC-3.3.2	……	Deleted
90	ELEC-3.3.3	……	Deleted
91	ELEC-3.3.4	……	Deleted
	3.4		**LAMPS**
92	ELEC-3.4.1	CATEGO RY- I	Deleted.
93	ELEC-3.4.2	CATEGO RY- II	Deleted
	3.5		**AUTOMATIC STREET LIGHT CONTROL SYSTEMS**
94	ELEC-3.5.1	……	Make: Nature Switch / Lightmate/ GL/Bajaj/Schnell
95	ELEC-3.5.2 a - e	……	Make: Nature Switch / LightMate /GL/Bajaj/Schnell
96	ELEC-3.5.3 a - c	……	Makes :Super tech (Light Mate)/ Lauritz Knudsen (formerly L&T) / Siemens / Bajaj/Schnell
	ELEC-3.5.4 a-g	…….	Makes :- Lauritz Knudsen (formerly L&T) / Siemens / Bajaj/KSP/Schnell
	ELEC-3.5.5 a-g		Makes : Lauritz Knudsen (formerly L&T) / Siemens / Bajaj/KSP/Schnell
	3.6		**INTERNAL LUMINAIRES**

97	ELEC-3.6.1	……..	Deleted
98	ELEC-3.6.2	…….	Deleted
99	ELEC-3.6.3	……	Deleted
100	ELEC-3.6.4	……	Deleted
101	ELEC-3.6.5	……	Deleted
102	ELEC-3.6.6	……	Deleted
103	ELEC-3.6.7	……	Deleted
104	ELEC-3.6.8	……	Deleted
105	ELEC-3.6.9	……	Deleted
106	ELEC-3.6.10	……	Deleted
107	ELEC-3.6.11	……	Deleted
	3.7		**FLOURSCENT TUBES / CFL LAMPS / LED BULBS**
108	ELEC-3.7.1	……	Deleted
109	ELEC-3.7.2	……	Deleted
110	ELEC-3.7.3	……	Deleted
111	ELEC-3.7.4	……	Deleted
			LED BULBS
112	ELEC-3.7.5	……	. Makes: Phillips /Crompton / Bajaj / Havells / Halonix /GM/HPL/Syska / Green Lites / Fortune Arrt / GoldMedal / Luker/Leo/Orbit /Rhino / GLO LED /Million /Victoria/Benlo/Goldwyn/Sturlite/AJUSS/Orient
113	ELEC-3.7.6	……	Makes: Phillips /Crompton / Bajaj / Havells / Halonix/GM/HPL/Syska / Green Lites / Fortune Arrt / GoldMedal/ Luker/Leo/Orbit/Rhino /GLO LED
114	ELEC-3.7.7	……	Makes: Philips/Bajaj / Crompton / Havells/ HPL.
	3.8		**LED LUMINAIRES INDOOR**
			DOWN LIGHTERS
115	ELEC-3.8.1	CATEGORY- I	a) LUMINAIRE MAKE: Phillips/ GE-Venture / Crompton / Wipro / Bajaj / Havells / Halonix /Jaquar /HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic/Ecolink/Capart b) LED MAKE: PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight
116	ELEC-3.8.2	CATEGORY- II	Makes: Surya /C&S / Syska / Enrich / Stanjo / Polycab / Ib LED/ Opple/R LED/Luker/ Orbit/Trinic / GLO LED /Vimal /Benlo /Goldwyn /Lumirise /Sturlite /AJUSS/Orient. b) LED MAKE: CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
117	ELEC-3.8.3	CATEGORY- III	a) LUMINAIRE MAKE: Pasolite / Cosmo / Siger/ Koncept/Kiran/Vibrant/Leo/Lumens/Ilite/Akarui/Million/Fybros /Victoria/RK b) LED MAKE: CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
			LED PANEL LIGHTS
118	ELEC-3.8.4	CATEGORY- I	a) LUMINAIRE MAKE: Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix /Jaquar /HPL/GM / GreenLites / Gold Medal/Eveready/ FortuneArrt/ Rhino/Panasonic/Ecolink/Bee-lite/Capart b) LED MAKE: PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight.

119	ELEC-3.8.5	CATEGORY- II	Makes: Surya /C&S / Syska / Enrich / Stanjo /Polycab/ Ib LED/ Opple/ Luker/ Orbit/Trinic/Lumens/ GLO LED/ Vimal/Benlo/Goldwyn/ Lumirise/Sturlite/AJUSS/Orient. b) LED MAKE : CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
120	ELEC-3.8.6 a to f	CATEGORY- III	a) LUMINAIRE MAKE : Pasolite / Cosmo / Siger/ Koncept/ Kiran/Vibrant/Leo/Ilite/Akarui/Million/Fybros /Victoria/RK b) LED MAKE : CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT/ San'an
			COB DOWN LIGHTS
121	ELEC-3.8.7	CATEGORY- I	a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj/ Havells / Halonix /Jaquar /HPL /GM / GreenLites / Gold Medal /Eveready/ FortuneArrt/ Rhino /Panasonic /Ecolink/Capart b) LED MAKE : Bridge Lux / LUMILEDS / CREE / NICHIA / Epistar/ Sunpo/Samsung
122	ELEC-3.8.8	CATEGORY- II	Makes: Surya/C&S/Syska/Enrich /Stanjo / Polycab/IbLED /Opple/Luker/ Orbit/ Trinic/Lumens /GLO LED /Vimal /Akarui /Million /Fybros /Victoria /Benlo /Goldwyn/ Lumirise /Sturlite/AJUSS/Orient. b) LED MAKE : Bridge Lux / LUMILEDS / CREE / NICHIA / Epistar/ Sunpo/Samsung
			SPOT LIGHTS / WALL WASHERS
123	ELEC-3.8.9	CATEGORY- I	a) LUMINAIRE MAKE : Phillips / GE-Venture / Crompton / Wipro / Bajaj/ Havells / Halonix /Jaquar /HPL/GM /GreenLites / Gold Medal/Eveready/ FortuneArrt/Panasonic b) LED MAKE : Bridge Lux / LUMILEDS / CREE / NICHIA / Epistar/ Sunpo
124	ELEC-3.8.10	CATEGORY- II	Makes: Surya /C&S / Syska / Enrich /Stanjo / Polycab/ Ib LED/ Opple/R LED/Luker/ Orbit/Trinic /Akarui/Lumirise b) LED MAKE : Bridge Lux / LUMILEDS / CREE / NICHIA / SAMSUNG/ Sunpo
125	ELEC-3.8.11	CATEGORY- I	a) LUMINAIRE MAKE : Phillips/GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix/ GreenLites /HPL /Eveready/ FortuneArrt b) LED MAKE :Bridge Lux / LUMILEDS / CREE / NICHIA / Epistar.
126	ELEC-3.8.12	CATEGORY- II	Makes: Surya/Polycab/ Opple /Luker/ Orbit/Akarui b) LED MAKE : Bridge Lux/ CREE / NICHIA / Epistar
			LED BATTENs AND 2' x 2' LUMINARIES
127	ELEC-3.8.13	CATEGORY- I	a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix /Jaquar /HPL/GM / GreenLites / Gold Medal/Eveready// Rhino/Panasonic/Ecolink/Capart. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/ Everlight.
128	ELEC-3.8.14	CATEGORY- II	Makes: Surya /C&S/ Fortune Arrt / Syska / Enrich / Stanjo / Polycab/ Ib LED/ Opple/ Luker/ Orbit/ Trinic/Lumens/ GLO LED / Vimal /Benlo /Goldwyn /Sturlite /AJUSS/Orient

			b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
129	ELEC-3.8.15	CATEGORY- III	a) LUMINAIRE MAKE : Pasolite / Cosmo / Siger/ Koncept/ Kiran /Vibrant /Leo /ilite /Akarui /Million /Fybros /Victoria/RK b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
130	ELEC-3.8.16	CATEGORY- I	a) LUMINAIRE MAKE : Phillips / GE- Venture / Crompton / Wipro / Bajaj / Havells / Halonix /Jaquar /HPL/GM / GreenLites / Gold Medal/Eveready// Rhino/Panasonic/Ecolink/Capart. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.
131	ELEC-3.8.17	CATEGORY- II	Makes: Surya /C&S/ Fortune Arrt / Syska / Enrich / Stanjo / Polycab/ Ib LED/ Opple/ Luker/ Orbit/ Trinic/Lumens/ilite/ GLO LED/ Vimal /Akarui /Million /Fybros/Victoria/Benlo/Goldwyn/Sturlite/AJUSS/Orient. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT
132	ELEC-3.8.18	……	Makes: Phillips / Crompton / Bajaj/Surya/Havells/HPL
133	ELEC-3.8.19	……	Makes: Greenlites / Fortune Arrt / Capart / GM / Goldmedal /Trinic/Kiran.
134	ELEC-3.8.20	CATEGORY- I	a) LUMINAIRE MAKE: Phillips/GE-Venture / Crompton/ Wipro / Bajaj/ Havells / Halonix /Jaquar /HPL/GM / GreenLites / Gold Medal/Eveready / FortuneArrt/ Rhino /Panasonic/Ecolink/Bee-lite/Capart. b) LED MAKE: PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Everlight.
135	ELEC-3.8.21	CATEGORY- II	Makes: Surya /C&S / Syska / Enrich /Stanjo / Polycab/ Ib LED/ Opple/ Luker/ Orbit/Trinic/ilite/GLO LED/ Vimal/Akarui/ Million /Fybros /Victoria /Benlo /Goldwyn/Sturlite/AJUSS/Orient. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / EVERLIGHT.
136	ELEC-3.8.22	……	Makes: Philips/Bajaj/ Crompton / Surya /Havells / Greenlites/ Insta Power/HPL /Halonix/ Panasonic. / FortuneArrt
137	ELEC-3.8.22	……	a) LUMINAIRE MAKE :Phillips (Pureline Slim)/GE-Venture / Crompton / Wipro / Bajaj / Havells (Dustello) b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/LG
138	ELEC-3.8.23	CATEGORY- I	a) LUMINAIRE MAKE :Wipro(Skyline) / Philips (Green line) / GE-Venture / Crompton(Neo Series) / Bajaj (Edge) / Halonix(Lumos - Super) / Havells (Endura Series)/Valmont(Supernova) /JLCJustled(Bat series)/ Capart(Premium) /Greenlites(Hi-Lux) /Sturlite(Asteor) /Polycab /Keselec/ HPL(City Vision)/ Jaquar(Premium) /Eveready/ Surya (Lexon) / FortuneArrt (Leaf) / Rhino(GPSL04)/Orient(Fiest Plus)/ /Bee-lite(Gritty)/Ecolink(Durastreet Gen II) /Pro-Lite(GLM)/Transrail(Ursa minor).

			b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / LG
139	ELEC-3.8.24	CATEGORY- I	a) Luminaire Make : Wipro(Skyline) / Philips (Greenline Extra) / GE- Venture /Crompton(Nexus / Hawk series) / Bajaj (Edge) / Halonix (Modular/ Lumos-Super) / Havells (Endura Series)/Valmont (Supernova)/ /JLCJustled(Tilto)/ Greenlites(HI-Lux) /Sturlite(Asteor) Capart(Premium) /Polycab/Keselec / HPL(City Vision)/Jaquar (Premium) /Eveready /Surya (Pollux) / Fortune Arrt (Leaf) / Rhino(GPSL06)/Orient (Fiesta Plus) /Bee-lite(Gritty) /Ecolink(Durastreet Gen-II) /Pro-Lite(GLM)/ Transrail(Ursa major). b) LED MAKE :PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG / LG.
140	ELEC-3.8.25	CATEGORY- II	a) LUMINAIRE Makes: Syska /GM / C&S/ VIN/Gold Medal /Pharox / Cosmo / Enrich// Renesola / Stanjo / Goldwyn/ Ib LED/ Orbit/ Luker/Trinic/ GLO LED/ Vimal/ Benlo/Goldwyn/ Lumirise /Saibar. b) LED MAKE : CREE / NICHIA / OSRAM / SAMSUNG / LG.
141	ELEC-3.8.26	CATEGORY- III	a) LUMINAIRE Makes: Trinic / Pasolite / Sieger /Koncept /Vibrant/Leo/Lumens/Ilite/Akarui/Million/Fybros/SNKS-NLight/Victoria/Foursun/RK/SIRIMAYI LIGHTS/HEVIS. b) LED MAKE: CREE / NICHIA / OSRAM / SAMSUNG / LG.
			FLOOD LIGHTS
142	ELEC-3.8.27	CATEGORY- I	a) LUMINAIRE MAKE:Wipro/ Philips/GE-Venture/ Crompton / Bajaj/Greenlites / Havells /Valmont(Hypernova)/JLCJustled(Hi Power)/ Capart(Premium) //Sturlite(Spektr)/Halonix/ Polycab/Keselec/HPL/Jaquar/Eveready / Surya (Livia Pro) / FortuneArrt (Fin)/ Rhino(GPFL02 Series)/Orient (Sigma Plus) /Bee-lite(Endura)/Ecolink(Dura floodlight) / Pro-Lite(BGL) /Transrail(Indus). b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.
143	ELEC-3.8.28	CATEGORY- II	a) LUMINAIRE Makes: Pharox / GM / Goldmedal / Syska / C&S/Cosmo/ Ib LED/ Vibrant/ Stanjo/Enrich/ Orbit/Luker/Trinic/Ilite/GLO LED /Vimal /Akarui /Million /FybrosVictoria/Benlo/Goldwyn/ Lumirise/Sturlite/RK/ Saibar. b) LED MAKE : CREE / NICHIA / OSRAM / SAMSUNG / LG

			HIGH BAY LIGHTS
144	ELEC-3.8.29	CATEGORY- I	a) LUMINAIRE MAKE : Wipro / Philips/ GE-Venture / Crompton/ Bajaj /Greenlites / Havells/ /JLCJustled/Capart(Premium) //Sturlite/ Halonix/ Polycab/Keselec/ HPL/ Jaquar/Eveready / Surya (ORION-II)/ FortuneArrt (UFO-S) /Rhino(GPHB02 Series)/Ecolink(Megalux)/Bee-Lite/Transrail. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG .
145	ELEC-3.8.30	CATEGORY- II	a) LUMINAIRE Makes: Pharox / GM / Goldmedal / Syska / C&S/Cosmo/ Ib LED/ Vibrant/ Stanjo /Enrich /Orbit /Luker/Trinic/Ilite/GLO LED /Akarui /Victoria /Benlo/Goldwyn / Saibar. b) LED MAKE : CREE / NICHIA / OSRAM / SAMSUNG.
146	ELEC-3.8.31	……	UMINAIRE MAKE : Wipro / Philips/ GE / Crompton/ Bajaj / Greenlites/ Havells/ FortuneArrt b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Seoul .
			RGB/RGBW LED Lighting
147	ELEC-3.8.32	……	LUMINAIRE MAKE : Wipro / Philips/ Crompton/ Bajaj / Greenlites/ Havells/ FortuneArrt b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG/Seoul .
148	ELEC-3.8.33	……	a) LUMINAIRE MAKE : Wipro / Philips/ GE / Crompton/ Bajaj / Greenlites/ Havells/ FortuneArrt b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG /SEOUL.
149	ELEC-3.8.34	……	Make: Sunlite Suit2/Artnet or its equivalent
150	ELEC-3.8.35	……	Makes:colourdreamer/ AURA/Greenlites
151	ELEC-3.8.36	……	Makes:colourdreamer/ AURA/Greenlites
152	ELEC-3.8.37	……	Makes:colourdreamer/ AURA/Greenlites
153	ELEC-3.8.38	……	Makes:Mean Well or its equivalent
154	ELEC-3.8.39	……	Makes:Mean Well or its equivalent
			LED DRIVERS
155	ELEC-3.8.40	……	Makes: Philips /Crompton / Bajaj/ Havells/Surya/Greenlites/HPL/Halonix/Jaquar/Ib LED/Promtec/Eveready/Saiber.
156	ELEC-3.8.41	……	Makes: Philips /Crompton / Bajaj/ Havells/Surya/Greenlites/HPL/Halonix/Jaquar/Ib LED/Promtec/Eveready/Stanjo/ Pro-Lite/Saiber.
			SECTION - 4
	4.1		**U.G. CABLES**
157	ELEC-4.1.1	CATEGORY- I	Makes: Torent / Universal / Unicab / Havells/ Finolex / Finecab / KEI / Gloster/ Polycab /RR Kabel/ Fortune Arrt /KEC Asian Cables/Orbit/Avocab /Gemscab/Batra Henlay /Paragon.
158	ELEC - 4.1.2	CATEGORY- II	Makes:V-Guard / Suncab / Delton / Payal / Laser /Rhino /Pawancab/AKG/LS cable /Polywires /Nakoda /South king/PSPL /V-Marc.

			33 KV HT XLPE CABLES
159	ELEC-4.1.3	……	Make: Torrent / Universal / Unicab / Havells / KEI/Finolex /Polycab/Gloster/RR Kabel/KEC Asian cables /Avocab/Gemscab
			11 KV HT XLPE CABLES
160	ELEC- 4.1.4	……	Make: Torrent / Universal /Unicab/ Havells / KEI/ Finolex/ /Polycab/Gloster/RR Kabel/KEC Asian Cables /Avocab/Gemscab
			Un Armoured and Armoured Copper Control Cables
161	ELEC-4.1.5	……	Make: Torrent / Universal / Unicab / Havells / KEI/Finolex /Polycab/Gloster /orbit/ Paragon / RR Kabel/ KEC Asian cables/Pawancab /AKG/LS cable /Polywires/South king/Avocab/Gemscab/Batra Henlay/PSPL /V-Marc.
162	ELEC-4.1.5 A	……	Makes: Torent / Universal / Unicab / Havells / KEI / Gloster/Finecab / Polycab /RR Kabel/ Polywires
163	ELEC-4.1.5 B	……..	Makes: KEC Asian cables / Finolex / Paragon / V-Guard / Fortune Arrt / Suncab / Delton / Payal / Gemscab/ Orbit/Avocab/Laser/Rhino.
164	ELEC-4.1.5C	……	Makes:- Finolex/RR kabel/ Havells/ KEI/ Polycab/ Gloster/V-Guard/HPL/GM/ Million/Goldmedal/Anchor.
165	ELEC-4.1.6	……	Make: Torrent /Universal / Unicab / Havells / KEI/ Finolex /Polycab/Gloster/Orbit/ Paragon/RR Kabel /KEC Asian Cables /Rhino /Pawancab/AKG/LS cable/ Polywires /South king /Avocab/Gemscab/Batra Henlay/PSPL /V-Marc.
			CABLE TERMINATIONS AND ACCESSORIES
166	ELEC-4.1.7	……	Makes: Raychem /M seal/ Denson/ Multy/ Transeal-Hongshang
167	ELEC-4.1.8	……	Makes: Raychem /M seal/ Denson/ Multy/ Transeal-Hongshang
168	ELEC-4.1.9	……	Makes: Raychem /M seal/ Denson/ Multy/ Transeal-Hongshang
169	ELEC-4.1.10	……	Makes:Dowels/Comet/SMI
170	ELEC-4.1.11	……	.Makes:Dowels/Comet/SMI
171	ELEC-4.1.12	……	Makes:Dowels/Jainson/Comet
172	ELEC-4.1.13	……	Makes:Dowels/Jainson/Comet
	4.3		**DOUBLE WALLED CORRUGATED HDPE PIPE**
173	ELEC-4.3.1 a-h	……	Makes: DURA LINE (Dura Guard) /Precision /CPE /Million(AJUSS)/ **श्री Tulsii /TeleRex** or any ISI make approved by CE Electrical..
			SECTION - 5
	5.1		**FANS**
174	ELEC-5.1.1	……	Makes:Atomberg(GV2)/Halonix(Plasma)/Havells(Pro 28) / Crompton(EN Groove) /Superfan(E281) /RJP(Ecowise)/GM (Excel 25 Pro)/ Goldmedal(OPUS) /Orient(Ecotech neu)/ Anchor Panasonic(Penta plus)
175	ELEC-5.1.2	……	Makes: Atomberg(GV2)/ Halonix(Plasma) /Havells(Efficiencia Neo)
176	ELEC-5.1.3	……	Makes: Crompton (HS Plus/HS) / Havells (ES PLUS/Samraat neo) /Orient Energy Star/ Halonix(Zephyr) /Polycab(Zoomer-HS) / G.M.(G AIR)

			/Bajaj-Edge/Arcline (Glacier) /Million (Enerzio50) /Goldmedal(Legacy 390).
177	ELEC-5.1.4	……	Makes: Crompton (HS Decora/Aura) / Bajaj Regal Star / Havells Festiva / Orient Ornamental Shine /Halonix(Halo) /Polycab(Aerobliss)/G.M. (Air Wave Premium) /Goldmedal(Flora)/RJP(Aroma Super)/ Million (Max400Deco).
178	ELEC-5.1.5	……	Makes: Crompton HS / Havells Velocity ES 50/Orient Summer Breeze Pro/Halonix(Zephyr) /Polycab(Aerobliss)/Arcline (Glacier)/GM(Air Breeze 56).
179	ELEC-5.1.6	……	Makes: Crompton Wind Flo / Bajaj Elite / Havells Swing / Orient Wall 50/Halonix Krypton/G.M. (Bolt)/ Goldmedal(Nora-16)/Million(Swing wall fan)
180	ELEC-5.1.7	……	Makes: Crompton Wind Flo / Bajaj Spectrum / Havells Swing / Orient Stand 37/Halonix Krypton/Polycab / G.M. (Bolt)/Goldmedal(Nora)
181	ELEC-5.1.8	……	Makes: Crompton / Havells Turbo Force / Orient Tornado II / Almounard/Halonix Turbon/Polycab./ G.M. (Air-Burst)/Goldmedal(Ultra Air)
182	ELEC-5.1.9	……	Makes: Crompton / Havells Turbo Force / Almounard/Halonix
183	ELEC-5.1.10	……	Makes: Crompton / Havells ciera / Orient Wall 11/Halonix
184	ELEC-5.1.11	……	Makes: Crompton / Bajaj Bahar WG / Havells Ventil Air-DSP / Orient hill air/Halonix /Polycab/G.M. (Xenix)/Goldmedal (Havoc Plus)/Million (300mm-LX)
185	ELEC-5.1.12	……	Makes: Crompton / Bajaj Bahar WG / Havells Ventil Air-DSP / Orient hill air/Halonix /Polycab/ G.M. (Xenix)/Goldmedal (Havoc)/Million (225mm-LX)
186	ELEC-5.1.13	……	Makes: Crompton / Almounard / Havells Ventil Air-DB
187	ELEC-5.1.14	……	Makes: Crompton / Almounard / Havells Turbo Force/Halonix Krypton
188	ELEC-5.1.15	……	Makes: Crompton / Almounard / Havells Turbo Force/Halonix Krypton
	ELEC-5.1.16		Makes: Crompton / Bajaj Bahar / Havells Ventil Air-LX / Orient hill air/Halonix /Polycab/G.M. (Eco Air)/Goldmedal (Rapido)
	ELEC-5.1.17		Makes: Crompton / Bajaj Bahar WG / Havells Ventil Air LX/ Orient hill air/Halonix /Polycab/G.M. (Eco Air)/Goldmedal (Rapido)
	ELEC-5.1.18		Makes: Atomberg/ Halonix/Havells/ Crompton
	5.2		**WATER HEATERS (Conventional & Solar)**
189	ELEC-5.2.1	……	Makes: Prevailing models of Crompton/ Jaquar / Venus / Racold / AO Smith /Havells /Warmex/ GM/ Goldmedal makes and shall be confirming to SOR specifications
190	ELEC-5.2.2	……	Make:TATA / BHEL/ BOSCH/ ETC/V-GUARD /RACOLD
191	ELEC-5.2.3	……	Make:TATA / BHEL/ BOSCH/ ETC/V-GUARD /RACOLD
192	ELEC-5.2.4	……	Make:Jaquar/AO Smith/Voltex/Racold /Rheem/Havells.
193	ELEC-5.2.5	……	Make:Jaquar/AO Smith/Voltex/Racold /Rheem/Havells.

	5.4		**PUMPSETS**
			SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS
194	ELEC-5.4.1	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi/ PSG/ARYEN VARSHA/ Falcon/Prithvi/ Suguna/ Sterling/ JEROME PUMPS.
195	ELEC-5.4.2	CATEGORY- II	Makes: Pluga / Kumar / Unnati zen /Duke /Lada /Ellen /UNItek / KSP(Karunya) /Anco /Sabar /Fitwell /Deccan/Karvel / SILVER/Samudra/ Acube(SS-Deluxe).
			THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.
196	ELEC-5.4.3	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi/ PSG/ ARYEN VARSHA /Falcon/Prithvi/ Suguna/Sterling/ JEROME PUMPS.
197	ELEC-5.4.4	CATEGORY- II	Makes: Pluga / U-Neel / Kumar / Unnati zen /Duke /Lada /Ellen/UNItek/KSP(Karunya)/ Anco/ Sabar/ Fitwell/Deccan/Karvel/ SILVER/Samudra.
198	ELEC-5.4.5	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi/ PSG/ ARYEN VARSHA /Falcon/Prithvi/ Suguna/ Sterling//JEROME PUMPS.
199	ELEC-5.4.6	CATEGORY- II	Makes: Pluga / U-Neel /Kumar / Unnati zen /Duke /Lada/Ellen/UNItek /KSP (Karunya) /Anco/ Sabar /Fitwell /Polycab/Deccan/Karvel/ SILVER/Samudra
			SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS
200	ELEC-5.4.7	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB /Lubi /PSG/ ARYEN VARSHA /Falcon/Prithvi/ Suguna/ Sterling.
201	ELEC-5.4.8	CATEGORY- II	Makes: Pluga / U-Neel / Kumar / Unnati zen /Duke /LDK /Ellen /UNItek /KSP (Karunya) / Anco/ Sabar /Fitwell /Deccan/Karvel/ SILVER/ Samudra /Acube/Tormac
			THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS
202	ELEC-5.4.9	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi /PSG/ ARYEN VARSHA /Falcon/Prithvi/ Suguna/Sterling
203	ELEC-5.4.10	CATEGORY- II	Makes: Pluga / U-Neel / Kumar / Unnati zen /Duke /LDK/Ellen/ UNItek/ KSP(Karunya) /Polycab/ Anco/ Sabar /Fitwell/Deccan/Karvel/ SILVER /Samudra /Acube /Tormac.
			SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.
204	ELEC-5.4.11	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB/Lubi / Havells Hi-flow V2 / PSG/ ARYEN VARSHA /Falcon/ Suguna.
205	ELEC-5.4.12	CATEGORY- II	Makes: Pluga / U-Neel / Sterling /Kumar / Unnati zen /Ellen/LDK/ UNItek/Polycab/Anco/ Sabar /Fitwell /Deccan /Karvel / SILVER
206	ELEC-5.4.13	CATEGORY- I	Makes: Kirloskar / Crompton / Texmo / CRI / KSB /Lubi/ ARYEN VARSHA /Falcon/ Suguna.
207	ELEC-5.4.14	CATEGORY- II	Makes: Pluga / U-Neel / Sterling /Kumar/Unnati zen /Ellen /LDK/ UNItek/Polycab/Anco/ Sabar/Fitwell/Deccan/Karvel/ SILVER
			CONTROL PANEL BOARD FOR MOTOR PUMPSETS
208	ELEC-5.4.15	……	make C&S/LTLK/ Seimens/ BCH/KSP(Karunya)/ Crompton. complete.,

209	ELEC-5.4.16	……	make C&S/ Lauritz Knudsen (formerly L&T) /Seimens/BCH/KSP(Karunya) /Crompton. complete.,.
210	ELEC-5.4.17	……	Voltmeter ;. Makes: Lauritz Knudsen (formerly L&T) / C&S / SALZAR / HPL/ AEI / Meco / Rishab Ammeter Makes: Lauritz Knudsen (formerly L&T)/ C&S / SALZAR / HPL/ AEI / Meco / Rishab Single phase preventor Makes: Lauritz Knudsen (formerly L&T) / Minilec / Powertec. 32 A TP, 10KA MCB. Makes: Legrand / Schneider capacitor Makes: Lauritz Knudsen (formerly L&T) / Siemens / Schneider / Epcos/Havells.
	a	……	Make C&S.Crompton / Lauritz Knudsen (formerly L&T) /KSP/ Siemens/BCH.
	b	……	Make C&S/Crompton / Lauritz Knudsen (formerly L&T) / Siemens/BCH.
	c	……	Make C&S/Crompton / Lauritz Knudsen (formerly L&T) / Siemens/BCH.
211	ELEC-5.4.18	……	Makes: Siemens / Crompton / Lauritz Knudsen (formerly L&T) (MF1)
212	ELEC-5.4.19	……	Makes: Siemens / Crompton / Lauritz Knudsen (formerly L&T) (MK2 DOL).
213	ELEC-5.4.20	……	Makes: Siemens / Crompton / Lauritz Knudsen (formerly L&T) (MU1 DOL)
			UPVC PIPES AND FITTINGS
214	ELEC-5.4.21	……	Makes: Ashirvad / Finolex / Waterflo /Sudhakar /Precision.
215	ELEC-5.4.27	……	Makes: Ashirvad / Finolex / Waterflo
216	ELEC-5.4.28	……	Makes: Ashirvad / Finolex / Waterflo / Apollo
	5.1		**AIR CONDITIONERS**
	ELEC-5.5.1		**1.5TR Split ACs**
	a	CATEGORY- I	Deleted
	b	CATEGORY- II	Deleted
			2.0 TR Split Acs
	c	CATEGORY- I	Deleted
	d	CATEGORY- II	Deleted
			Inverter Split AC Unts (Cooling Only)
217	ELEC-5.5.1 A		**1.5TR Split ACs**
	a	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	b	CATEGORY- II	Makes: Toshiba/Blue Star / Daikin / Hitachi / Voltas / Carrier /LG/Lloyd (prevailing models in the market)
			2.0 TR Split Acs
	c	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	d	CATEGORY- II	Makes: Toshiba/Hitachi / Blue Star / Daikin / Voltas /Carrier/ LG/Lloyd (prevailing models in the market)

218	ELEC-5.5.2		**0.8/ 1.0TR Split Acs**
	a	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	b	CATEGORY- II	Makes: Toshiba/Blue star /Carrier /Hitachi/Daikin/ LG /Lloyd (prevailing models in the market)
	c	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	d	CATEGORY- II	Makes: Toshiba/Blue Star / Carrier / Hitachi / Daikin/ LG /Lloyd (prevailing models in the market)
			1.5, 1.8 & 2.0TR Split Acs
	e	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	f	CATEGORY- II	Makes: Toshiba/Blue Star / Daikin / Hitachi/Carrier / LG/Lloyd (prevailing models in the market)
	g	CATEGORY- I	Makes: Mitsubishi / O General (prevailing models in the market)
	h	CATEGORY- II	Makes: Toshiba/Blue star / Hitachi / Daikin/Lloyd (prevailing models in the market)
	i	CATEGORY- I	Makes: Mitsubishi /O General (prevailing models in the market)
	j	CATEGORY- II	Deleted
			INVERTER CASSETTE TYPE AC UNITS
219	ELEC-5.5.35		
	a	CATEGORY- I	Makes: Mitsubishi PLY- SP18EA / O General.
	b	CATEGORY- I	Makes: Mitsubishi PLY- SP24EA / O General AUGA25FRTA-B
	c	CATEGORY- II	Makes: Toshiba /Blue Star3HNCS24YAF/ Daikin / Carrier/ LG
	d	CATEGORY- I	Makes: Mitsubishi PLY- SP42EA / O General
	e	CATEGORY- II	Makes: Toshiba/Daikin / Bluestar / Carrier
	f	CATEGORY- I	Makes: Mitsubishi PLY-SP48EA / O General
	g	CATEGORY- II	Makes: Toshiba/Blue Star / Carrier / Daikin/LG
			TOWER MODEL (Vertical) TYPE AC UNITS
220	ELEC-5.5.36		
	a	……	Makes: Carrier /Daikin / Blue Star
	b	……	Makes: Carrier /Daikin / Blue Star
	c	……	Makes: Carrier /Daikin / Blue Star
			HVAC SYSTEMS(VRV/VRF)
221	ELEC-5.6.1	CATEGORY- I	Makes: Mitsubishi/DAIKIN/O General
222	ELEC-5.6.2	CATEGORY- II	Makes: Toshiba/LG/Voltas/Blue star /Hitachi /Carrier /Samsung
223	ELEC-5.6.6	CATEGORY- I	Makes: Mitsubishi/DAIKIN / O General
224	ELEC-5.6.7	CATEGORY- II	Makes: Toshiba/LG/Voltas/Blue star /Hitachi /Carrier/Samsung

225	ELEC-5.6.8	CATEGORY- I	Makes: Mitsubishi/DAIKIN /O General
226	ELEC-5.6.9	CATEGORY- II	Makes: Toshiba/ LG/Voltas/Blue star /Hitachi /Carrier/Samsung
227	ELEC-5.6.10	CATEGORY- I	Makes: Mitsubishi/DAIKIN / O General
228	ELEC-5.6.11	CATEGORY- II	Makes: Toshiba/LG/Voltas/Blue star /Hitachi/ Carrier/Samsung
229	ELEC-5.6.13	CATEGORY- I	Makes: Mitsubishi/DAIKIN / O General
230	ELEC-5.6.14	CATEGORY- II	Makes: Toshiba/LG/Voltas/Blue star /Hitachi /Carrier/Samsung
			Refrigerant Piping
231	ELEC-5.6.20	……	Makes:Totaline/Mandav/Mexico/RR Shramik Insulation: Kflex/ Totaline /Armaflex/Aerofoam/Cani
232	ELEC-5.6.25	……	Makes:TATA/Jindal
	ELEC-5.6.26 & ELEC-5.6.27		Insulation: Kflex/ Totaline /Armaflex/Aerfoam/Cani
	5.7		EVAPORATIVE AIR COOLING SYSTEM
233	ELEC-5.7.1	……	Makes: Cool Breeze / Breeze Air
234	ELEC-5.7.2	……	Makes: Cool Breeze/Breeze Air
			STABILIZERS
235	ELEC-5.8.1	CATEGORY- I	Makes: V-Guard / Real Guard / Uni Stab / ITL.
236	ELEC-5.8.2	CATEGORY- II	Makes: Keeline / Soft Line
	5.9		**REPAIRING OF FANS, COOLERS, PUMPS, MOTORS, FRIDGES AND AIRCONDITIONERS**
237	ELEC-5.9.16	……	Makes:Carrier/ Kirlosker/ Techam-Shah/ Shriram/ Voltas
238	ELEC-5.9.17	……	Makes: DAIKIN/LG/Carrier/Kirloskar/Techam-shah
239	ELEC-5.9.25	……	Make: Copper:Totaline /Nippon /Mandev/Nitrile /RR Shramik Insulation: Kflex/ Totaline /Armaflex/Aerofoam/Cani
240	ELEC-5.9.26	……	Makes: Crompton / AU.
241	ELEC-5.9.38	…….	Makes: Mitsubishi /DAIKIN/Toshiba/O General/ LG/Voltas/Blue star/Hitachi/Carrier/Samsung
242	ELEC-5.10.1	…….	Makes:- 1. FAN – KRUGER / ZIEHL- ABEGG /MAICO-DYNAIR 2. MOTORS – ABB/SIEMENS/BBL 3. FILTERS – CAMFIL/THERMADYNE 4. VFD DRIVE - DANFOSS / ABB 5. AHU - EDGE TECH / ZRCO/ CITIZEN/ BOOPATHY
243	ELEC-5.10.2-5.10.7		Makes:- Crystal Air/Kruger/ System Air/ Carry Air/ Edgetech/ Greenheck/ Aerotech/Maico-Dynair.
244	ELEC-5.10.8		Make : Dyna / American Air Filter / M.K Precesion
			SECTION 6
	6.1		**SWAGED / OCTAGONAL POLES AND GARDEN POSTS**
			OCTOGONAL POLEs

245	ELEC-6.1.4	……	Makes: Bajaj / Valmont/Laasma/Transrail /Utkarsh/ Skipper /Consoul /Surya /Vakrangee/Lysaght Pole /Hakke
246	ELEC-6.1.5	……	Makes: Bajaj / Valmont/Laasma/Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Pole /Hakke
247	ELEC-6.1.6	……	Makes: Bajaj / Valmont/Laasma/Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Pole/ Hakke
248	ELEC-6.1.7	……	Makes: Bajaj / Valmont/Laasma//Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Pole /Hakke
			DECORATIVE DRAGON TYPE BRACKET WITH POLE
249	ELEC-6.1.8	……	Makes: Bajaj / Valmont/Laasma /Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Pole/ Hakke
250	ELEC-6.1.10	……	Makes: Bajaj / Valmont/Laasma /Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Pole/ Hakke
			POLE BRACKETS
251	ELEC-6.1.11	……	Deleted
252	ELEC-6.1.12	……	Deleted
253	ELEC-6.1.13	……	Deleted
254	ELEC-6.1.14	……	Deleted
255	ELEC-6.1.15	……	Deleted
256	ELEC-6.1.16	……	Deleted
257	ELEC-6.1.17	……	Deleted
258	ELEC-6.1.18	……	Deleted
259	ELEC-6.1.19	……	Deleted
260	ELEC-6.1.20	……	Deleted
			HIGH MAST POLES
261	ELEC-6.1.21	……	Makes: Bajaj / Valmont/Laasma/Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Mast /Hakke
262	ELEC-6.1.22	……	Makes: Bajaj / Valmont/Laasma/Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Mast /Hakke
263	ELEC-6.1.23	……	Makes: Bajaj / Valmont/Laasma /Transrail/Utkarsh/ Skipper/Consoul/Surya/Vakrangee/Lysaght Mast /Hakke
			FEEDER PILLAR BOXES
264	ELEC-6.1.24	……	FP MCBmake :Legrand / Schnieder / Lauritz Knudsen (formerly L&T)
265	ELEC-6.1.25	……	FP MCBmake :Legrand / Schnieder Lauritz Knudsen (formerly L&T)
			ERRECTION- HIGH MAST POLES
266	ELEC-6.1.29	……	Make : Hensel/Sadhrish
			GRP POLES
267	ELEC-6.1.34	……	Makes: Bajaj / Kemrock / Valmont/Sumip/Helipole
268	ELEC-6.1.35	……	Makes: Bajaj / Kemrock / Valmont/Sumip / Helipole
	6.2		**LT PANEL AND ACCESSORIES**
269	ELEC-6.2.3	……	.Make: Conzerve/Elmeasure/Meco/HPL/ Lauritz Knudsen (formerly L&T) /socomec/ Legrand/ABB
270	ELEC-6.2.4	……	Make: Conzerve/Elmeasure/ Meco/HPL/ Lauritz Knudsen (formerly L&T) /Schneider /AE /Socomec/ABB
271	ELEC-6.2.5	……	Make: Kappa/ Lauritz Knudsen (formerly L&T) /Seimens/C&S/Schneider/ABB
272	ELEC-6.2.6	……	Make: Lauritz Knudsen (formerly L&T)

			/C&S/SALZER/HPL/ABB
273	ELEC-6.2.7	……	Make: Lauritz Knudsen (formerly L&T) /C&S/SALZER/HPL/ABB
274	ELEC-6.2.8	……	Makes: CONZERVE / ELMEASURE / MECO / HPL / HAVELLS/ Lauritz Knudsen (formerly L&T) /ABB.
275	ELEC-6.2.12	……	Makes: Lauritz Knudsen (formerly L&T) /Seimens/Epcos/Schneider/Havells /Legrand/ABB
276	ELEC-6.2.13	……	Makes Lauritz Knudsen (formerly L&T) /Seimens/Epcos /Schneider/ ABB/Neptune
277	ELEC-6.2.14	……	makes: Lauritz Knudsen (formerly L&T) (SALZER)/ABB/Schneider/Seimens/C&S/HPL /Gorlan(Telergon)
278	ELEC-6.2.15	……	Make:Seimens/ABB/Schneider/ Lauritz Knudsen (formerly L&T) /C&S/HPL/Havells
279	ELEC-6.2.16	……	Make:Seimens/ABB/Schneider/ Lauritz Knudsen (formerly L&T) /C&S/HPL/Havells
280	ELEC-6.2.17	……	Make:Seimens/ABB/Schneider/ Lauritz Knudsen (formerly L&T) /C&S/HPL/Havells
281	ELEC-6.2.18	……	Make:Seimens/ ABB/ Schneider/ Lauritz Knudsen (formerly L&T) /C&S/HPL
	6.3		**SUB STATION EQUIPMENT AND TRANSFORMERS**
282	ELEC-6.3.1	……	Make:as approved By DISCOMs
283	ELEC-6.3.1a	……	Make:ABB/ Megawin/Amara Raja/ Lauritz Knudsen (formerly L&T)
284	ELEC-6.3.2		Makes:ABB/Schneider/Seimens/Kirlos kar/Amara Raja/Megawin/ Lauritz Knudsen (formerly L&T)
285	ELEC-6.3.3	……	Makes:ABB/Schneider/Seimens/Kirlos kar/Amara Raja/Megawin/ Lauritz Knudsen (formerly L&T)
			Oil Immersed TRANSFORMERS
286	ELEC-6.3.4	…….	Make:ABB/ALSTOM/SEIMENS/Kirloskar/Voltamp/ Esennar/KPEL/Powertech/SSE/THOTA / Vajra /SriJesta(SJTE) / VVE/3si Eco Power/Trinity.
288	ELEC-6.3.5	…….	Makes: Schneider/Kirloskar/Voltamp/Esennar/Toshiba/ KPEL/ Powertech /SSE / THOTA / Vajra /SriJesta(SJTE) /Haritha/VVE/ Voltek/3si Eco Power/Trinity/Voltactive.
289	ELEC-6.3.5 A	……..	Makes:Schneider/Kirloskar/Voltamp/ Esennar/ Toshiba/ KPEL/ Powertech /SSE / THOTA / Vajra/ SriJesta(SJTE) /Haritha/VVE /Voltek/Star Gazer/3si Eco Power / Trinity / Voltactive.
290	ELEC-6.3.5 B	……..	Make: Schneider/Kirloskar/Voltamp/ Esennar/ Toshiba/ KPEL/ Powertech /SSE/ THOTA / Vajra/ SriJesta(SJTE)/ VVE /3si Eco Power/Trinity.
291	ELEC-6.3.6	……	Make:ABB/ALSTOM/SEIMENS/Crompton/Kirloskar/Voltamp/ Esennar/Powertech.
292	ELEC-6.3.7	……	Make:ABB/ALSTOM/SEIMENS/Crompton/Kirloskar/Voltamp/ Esennar/Powertech.
	6.6		**LIGHTENING PROTECTIVE SYSTEM**
			Advanced LPS
293	ELEC-6.6.1 a	……	Make : THUNDERGUARD(EARTHPLUS)/ KALRE/ NIMBUS / FOREND
294	ELEC-6.6.1 b	……	Make : THUNDERGUARD(EARTHPLUS)/ KALRE/ NIMBUS / FOREND

295	ELEC-6.6.1 c	……	Make : THUNDERGUARD(EARTHPLUS)/ KALRE/ NIMBUS / FOREND
296	ELEC-6.6.3	……	Make: EARTHPLUS (THUNDER GUARD) / NIMBUS / KALRE / FOREND
297	ELEC-6.6.5	……	Make: EARTHPLUS /CIRPROTEC /INDALAC / INGESCO
			SECTION 7
	7.0		**LOCAL AREA NETWORK**
298	ELEC-7.1.1	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
299	ELEC-7.1.2	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
300	ELEC-7.1.3	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
301	ELEC-7.1.4	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
302	ELEC-7.1.5	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
303	ELEC-7.1.6	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
304	ELEC-7.1.7	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
305	ELEC-7.1.8	……	Makes: Systimax /Panduit/ Siemond/ Legrand/ R&M /Digisol/STL.
306	ELEC-7.1.9	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M/ Digisol/STL.
	ELEC-7.1.9A	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
307	ELEC-7.1.10	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
	ELEC-7.1.10A	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
308	ELEC-7.1.11	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
	ELEC-7.1.11A	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M/Digisol/STL.
309	ELEC-7.1.12	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
	ELEC-7.1.12A	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M/ Digisol/STL.
310	ELEC-7.1.13	……	Makes: Systimax /Panduit/ Siemond/ Legrand /R&M /Digisol/STL.
311	ELEC-7.1.14	……	Make: APW/HCL/Valrack/Netrack/R&M/STL.
312	ELEC-7.1.15	……	Make: APW/HCL/Valrack/Netrack/R&M/STL.
			MANAGEBLE NET WORK SWITCHES
313	ELEC-7.1.16	……	Makes: Cisco/Juniper/Extreme/ Digisol DG-GS4628E2
314	ELEC-7.1.17	……	Makes:Cisco/Juniper/Extreme/ Digisol DG-GS4652E
315	ELEC-7.1.18	……	Makes:Cisco /Juniper/Extreme/Digisol DG-GS4610HPE
316	ELEC-7.1.19	……	Make:Cisco/Juniper/Extreme/Digisol DG-GS4628HPE-P
317	ELEC-7.1.20	……	Deleted
318	ELEC-7.1.21	……	Makes:Cisco/Juniper/Extreme/ Digisol DG-GS4628E-XS
319	ELEC-7.1.22	……	Makes:Cisco/Juniper/Extreme/ Digisol DG-GS4652E-XS

320	ELEC-7.1.23	……	Mak:Cisco/Juniper/Extreme/Digisol DG-GS4628HPE-XS
321	ELEC-7.1.24	……	Make:Cisco/Juniper/Extreme/Digisol DG-GS4652HP-XS
322	ELEC-7.1.25	……	deleted
323	ELEC-7.1.26	……	deleted
324	ELEC-7.1.27	……	Make : Cisco / Ruckus/Aruba
325	ELEC-7.1.28	……	Make: Cisco/Juniper/Extreme
326	ELEC-7.1.29	…….	Makes:- Cisco/Juniper/Extreme
			LOCAL AREA NETWORK CATEGORY-II
327	ELEC-7.1.30	……	Makes: D-Link/Msys connect/Finolex/Derwiser
328	ELEC-7.1.31	……	Makes: D-Link/Msys connect /Derwiser
329	ELEC-7.1.32	……	Makes: D-Link/Msys connect/Derwiser
330	ELEC-7.1.33	……	Makes: D-Link/Msys connect/Derwiser
331	ELEC-7.1.34	……	Makes: D-Link/Msys connect /Derwiser
332	ELEC-7.1.35	……	Makes: D-Link/Msys connect /Derwiser
333	ELEC-7.1.36	……	Makes: D-Link/Msys connect /Derwiser
334	ELEC-7.1.37	……	Makes: D-Link/Msys connect/Derwiser
335	ELEC-7.1.38	……	Makes: D-Link/Msys connect /Derwiser
336	ELEC-7.1.39	……	Makes: D-Link/Msys connect /Derwiser
337	ELEC-7.1.40	……	Makes: D-Link/Msys connect /Derwiser
338	ELEC-7.1.41	……	Makes: D-Link/Msys connect /Derwiser
339	ELEC-7.1.42	……	Makes: D-Link/Msys connect /Derwiser
340	ELEC-7.1.43	……	Makes: D-Link/Msys connect /Derwiser
341	ELEC-7.1.44	……	Makes: D-Link/Msys connect /Derwiser
342	ELEC-7.1.45	……	Makes: D-Link/Msys connect /Derwiser
343	ELEC-7.1.46	……	Makes: D-Link/Msys connect /Derwiser
344	ELEC-7.1.47	……	Makes: D-Link/Msys connect /Derwiser
345	ELEC-7.1.48	……	Makes: D-Link/Msys connect /Derwiser
			MANAGEBLE NET WORK SWITCHES CATEGORY II
346	ELEC-7.1.49		Makes: D-Link-DGS-1210-28/Netgear
347	ELEC-7.1.50		Makes: D-Link-DGS-1210-52/Netgear
348	ELEC-7.1.51		Makes: D-Link-DGS-1210-10P/Netgear
349	ELEC-7.1.52		Makes: D-Link-DGS-1210-28P/Netgear
350	ELEC-7.1.53		Makes: D-Link-DGS-1510-28X/Netgear
351	ELEC-7.1.54		Makes: D-Link-DGS-1510-52X/Netgear
352	ELEC-7.1.55		Makes: D-Link-DGS-1510-28P/Netgear
353	ELEC-7.1.56		Makes: D-Link-DGS-3130-54PS/Netgear
354	ELEC-7.1.57		Makes: D-Link-DGS-3630-28TC/Netgear
355	ELEC-7.1.58		Makes: D-Link /Netgear/TP Link /Netgear
356	ELEC-7.1.59		Makes: D-Link /Netgear/TP Link
357	ELEC-7.1.60		Makes: D-Link /Netgear/TP Link
358	ELEC-7.1.61		Makes: D-Link /Netgear/TP Link
359	ELEC-7.1.62		Makes: D-Link /Netgear/TP Link
360	ELEC-7.1.63		Make-D-Link /Cisco/Netgear/HP
361	ELEC-7.1.64		Make-D-Link / Cisco/Netgear/HP
362	ELEC-7.1.65		Make : BELKIN or any reputed approved make
363	ELEC-7.1.66		Makes: D-Link / TP-Link/ Netgear/Cisco
364	ELEC-7.1.67		Makes: D-Link / TP-Link/ Netgear/Cisco
365	ELEC-7.1.68		Makes: D-Link / TP-Link/ Netgear/Cisco
366	ELEC-7.1.69		Makes: D-Link / TP-Link/ Netgear/Cisco
	7.3		**COMPUTERS,PRINTERS AND SCANNERS**

367	ELEC-7.3.1	……	Model : HP ProDesk or its equivalent in Dell
368	ELEC-7.3.2	……	Model : HP ProDesk or its equivalent in Dell
	ELEC-7.3.2A		Model : HP or its equivalent in Dell
	ELEC-7.3.2B		Model : HP or its equivalent in Dell
369	ELEC-7.3.3	……	Make : HP LaserJet 1020 Plus Printer (OR) It's Equivalent in Canon /Epson
370	ELEC-7.3.4	……	makes: Canon imageCLASS MF244dw /HP/Brother DCPB7535DW or its equivalent
371	ELEC-7.3.5	……	Make : Brother ADS-2400N document scanner (OR) It's Equivalent in Canon/HP
372	ELEC-7.3.6	……	Makes: Finolex / Delton / Surabi / Polycab
373	ELEC-7.3.7	……	Makes: Krone or its equivalent.
374	ELEC-7.3.8	……	Makes: Finolex / Delton / Surabi / Polycab.
375	ELEC-7.3.9	……	Makes: Finolex / Delton / Surabi / Polycab
376	ELEC-7.3.10	……	Makes: Finolex / Delton / Surabi / Polycab
377	ELEC-7.3.11	……	Makes: Finolex / Delton / Surabi / Polycab.
378	ELEC-7.3.16		Makes: Beetel / NEC/ Alcatel /Avaya/Seimens.
379	ELEC-7.3.16		Makes: HP/Dell/Lenovo
			EPABX SYSTEM
	7.4		**SMALL SYSTEM**
380	ELEC-7.4.1	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
381	ELEC-7.4.2	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
382	ELEC-7.4.3	……	Makes: NEC/ Alcatel /Avaya/Seimens/Matrix
383	ELEC-7.4.4	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
384	ELEC-7.4.5	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
	7.5		**LARGE SYSTEM**
385	ELEC-7.5.1	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
386	ELEC-7.5.2	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
387	ELEC-7.5.3	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
388	ELEC-7.5.4	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
389	ELEC-7.5.5	……	Makes: NEC/ Alcatel /Avaya/Siemens/Matrix
			CCTV & SURVEILLANCE SYSTEM CATEGORY-I
390	ELEC-7.6.1A, ELEC-7.6.1B,	……..	Makes:- Honeywell /Panasonic/Matrix/Tyco(Illustra)
391	ELEC-7.6.2/ 7.6.3	……	Make: Honeywell /Panasonic//Matrix/Tyco(Illustra)
392	ELEC-7.6.4/ 7.6.5/7.5.6	…….	Makes Honeywell /Panasonic//Matrix /Tyco (Illustra)
393	ELEC-7.6.4 A/ 7.6.5A	…….	Makes Honeywell /Panasonic//Matrix/Tyco(Illustra)
394	ELEC-7.6.7	…….	Make: Seagate/Hitachi/TOSHIBA/ED
395	ELEC-7.6.8	……..	Make- Samsung QB55R or its equivalent make in Dell / LG / Samsung / Lenovo / HP
396	ELEC-7.6.9	……..	Make: Dell / LG / Samsung / HP
			CCTV & SURVEILLANCE SYSTEM CATEGORY-II
397	ELEC-7.6.11 to ELEC-7.6.13	……..	Makes:- D-Link/CP-Plus/PRAMA.
398	ELEC-7.6.14	……	Make:- D-Link/CP-Plus/PRAMA.
399	ELEC-7.6.15	…….	Makes:- D-Link/CP-Plus/PRAMA.
400	ELEC-7.6.16	…….	Makes:- D-Link/CP-Plus/PRAMA.

			PUBLIC ADDRESSING SYSTEM
401	ELEC-7.7.1 - ELEC-7.7.7		Make: Bosch/ Honeywell/Emkionyx.
402	ELEC-7.7.8/ 7.7.9/7.7.10		Make: Ahuja/Mega/Studio Master/Emkionyx
403	ELEC-7.7.11/7.7.12		Makes - Bosch/Honeywell/Emkionyx
404	ELEC-7.7.13/7.7.14		Make: Ahuja/Mega/Studio Master/Emkionyx.
405	ELEC-7.7.15		Make: Prevailing models in Market.
			AUDIO-VIDEO SYSTEM
406	ELEC-7.8.1		Make: - Hitachi/ BenQ/ Sony/ Panasonic/LG
407	ELEC-7.8.2/7.8.3		Makes: Sony / NEC/Panasonic/Christie / Hitachi/Epson
408	ELEC-7.8.4		Make: OEM Make or Custom make.
409	ELEC-7.8.5		Make: Liberty/Suvira /Prolite.
410	ELEC-7.8.6		Make: Samsung/LG/Sony
411	ELEC-7.8.7		Make: OEM Make or Custom make.
412	ELEC-7.8.8/7.8.9		Make: Extron/Kramer
413	ELEC-7.8.10		Make: Custom make
414	ELEC-7.8.11		Make: NT/Customs.
415	ELEC-7.8.12		Make: Logitech
416	ELEC-7.8.13/ 7.8.14/7.8.15		Makes: Sennheiser / AKG / Electrovoice/JBL/Bose
417	ELEC-7.8.16		Makes: BSS / Xilica / Bose/JBL/Sennheiser
418	ELEC-7.8.17		Makes: Bose / JBL / Electrovoice
419	ELEC-7.8.18		Makes: Bose / Crown / Dynacord / Audac
420	ELEC-7.8.19		Makes: Bose / JBL / Dynacord / Audac
421	ELEC-7.8.20		Makes: Bose / JBL / Electrovoice
422	ELEC-7.8.21		Makes: Bose / JBL / Electrovoice
423	ELEC-7.8.22/ 7.8.23/7.8.24		Make: Electro-Voice/Bose/ JBL/Signature
424	ELEC-7.8.25		Make: Prevailing models in Market.
425	ELEC-7.8.26		Make: Prevailing models in Market.
426	ELEC-7.8.27 to ELEC-7.8.32		Makes: Extron / AMX / Lightware
427	ELEC-7.8.33		Amrutha Technologies/Dolphin Automation & Technology/Mangal Security Systems
	8.1	**MISCELLANEOUS ITEMS**	
		NIL	
	9.1		**WIRELESS FIRE ALARAM SYSTEM**
428	ELEC-9.1.1	……	Makes: Cease Fire / Visonic / Honeywell
429	ELEC-9.1.2	……	Makes: Cease Fire / Visonic /Honeywell.
430	ELEC-9.1.3	……	Makes: Cease Fire / Visonic / Honeywell.
431	ELEC-9.1.4	……	Makes: Cease Fire / Visonic / Honeywell.
	9.2		**ADDRESSABLE - FIRE ALARM SYSTEM**
432	ELEC-9.2.1 a - f	CATEGORY- I	Makes: Notifier / Edwards /Bosch /Tyco(simplex)/ Siemens- Desigo
433	ELEC-9.2.2 a - f	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper /Emkionyx

434	ELEC-9.2.3	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
435	ELEC-9.2.4	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx
436	ELEC-9.2.5	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
437	ELEC-9.2.6	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx
438	ELEC-9.2.7	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
439	ELEC-9.2.8	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx
440	ELEC-9.2.9	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
441	ELEC-9.2.10	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo/ Cooper/Emkionyx.
442	ELEC-9.2.11	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
443	ELEC-9.2.12	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx.
444	ELEC-9.2.13	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
445	ELEC-9.2.14	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx.
446	ELEC-9.2.15	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
447	ELEC-9.2.16	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx.
448	ELEC-9.2.17	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo
449	ELEC-9.2.18	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx .
450	ELEC-9.2.19	CATEGORY- I	Makes: Notifier / Edwards/Bosch/Tyco(simplex)/ Siemens- Desigo.
451	ELEC-9.2.20	CATEGORY- II	Makes: Morley / Honeywell/ Ravel /Seaara /Apollo /Cooper/Emkionyx.
	9.3		**CONVENTIONAL - FIRE ALARM SYSTEM**
452	ELEC-9.3.1	……	Makes: System Censor / Ravel/Vertex
453	ELEC-9.3.2	……	Makes: Makes: System Censor / Ravel/Vertex
454	ELEC-9.3.3	……	Makes: System Censor / Ravel/Vertex
455	ELEC-9.3.4	……	Makes: System Censor / Ravel/Vertex
456	ELEC-9.3.5	……	Makes: System Censor / Ravel/Vertex/Apollo.
457	ELEC-9.3.6	……	Makes: Makes: System Censor / Ravel/Vertex
458	ELEC-9.3.7	……	Makes: System Censor / Ravel/Vertex
459	ELEC-9.3.8	……	Makes: System Censor / Ravel/Vertex
	9.4		**POWDER BASED FIRE EXTINGUISHERS**
460	ELEC-9.4.1	CATEGORY- I	Makes: Cease Fire / Minimax
461	ELEC-9.4.2	CATEGORY- II	Makes: Safex/Kenex/ Bharat/ Reliance/NewTech /Kartar /Armorfire/Securezone/Shuviro
462	ELEC-9.4.3	CATEGORY- I	Makes: Cease Fire / Minimax

463	ELEC-9.4.4	CATEGORY- II	Makes:Safex /Kenex/ Bharat/ Reliance/NewTech /Kartar /Armorfire/Securezone/Shuviro
464	ELEC-9.4.5	CATEGORY- I	Makes: Cease Fire / Minimax
465	ELEC-9.4.6	CATEGORY- II	Makes: Safex/Kenex/Bharat/ Reliance /NewTech /Kartar /Armorfire/Securezone/Shuviro
466	ELEC-9.4.7	CATEGORY- I	Makes: Cease Fire / Minimax
467	ELEC-9.4.8	CATEGORY- II	Makes: Safex/Kenex/Bharat/ Reliance /NewTech /Kartar /Armorfire/Securezone/Shuviro
			CLEAN AGENT FIRE EXTINGUISHERS
468	ELEC-9.4.9	CATEGORY- I	Makes: Cease Fire / Minimax
469	ELEC-9.4.10	CATEGORY- II	Makes: Safex / Kenex / Bharat / Reliance/NewTech
470	ELEC-9.4.11	CATEGORY- I	Makes: Cease Fire / Minimax
471	ELEC-9.4.12	CATEGORY- II	Makes: Safex / Kenex / Bharat / Reliance/NewTech
472	ELEC-9.4.13	CATEGORY- I	Makes: Cease Fire / Minimax
473	ELEC-9.4.14	CATEGORY- II	Makes: Safex / Kenex / Bharat / Reliance /NewTech /Kartar/Shuviro
474	ELEC-9.4.15	……	Makes: Cease Fire or its equivalent make Model-1ES01
			AEROSOL GENERATION SYSTEM (An alternative to water based sprinkler system)
475	ELEC-9.4.19	……	Makes: SEAARA/AGS/SALAMANDRA
476	ELEC-9.4.20	……	Makes: SEAARA/AGS/SALAMANDRA
477	ELEC-9.4.21	……	Makes: SEAARA/AGS/SALAMANDRA
478	ELEC-9.4.22	……	Makes: SEAARA/AGS/SALAMANDRA
479	ELEC-9.4.23	……	Makes: SEAARA/AGS/SALAMANDRA
480	ELEC-9.4.24	……	Makes: SEAARA/AGS/SALAMANDRA
481	ELEC-9.4.26	……	Makes: SEAARA/AGS/SALAMANDRA
482	ELEC-9.4.27	……	Makes: SEAARA/AGS/SALAMANDRA
	ELEC-9.4.30	……	Makes: Reliance or equivalent approved by APSDR&FS Deptt.
	9.5		**FIRE HYDRANT AND SPRINKLER SYSTEM**
			ELECTRIC DRIVEN MAIN FIRE PUMPS(SPLIT CASE)
483	ELEC-9.5.1	……	Makes of Pumps: Kirloskar / Mather&Platt /Lubi /KSB /CRI. Makes of Motors: Siemens/ ABB/ Kirloskar /Lubi /KSB /CRI.
484	ELEC-9.5.2	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar/Lub/KSB/CRI.
485	ELEC-9.5.3	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar//Lubi/KSB/CRI.
486	ELEC-9.5.4	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar/Lubi/KSB/CRI.
487	ELEC-9.5.5	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/

			Kirloskar/Lubi/KSB/CRI.
			DIESEL ENGINE DRIVEN FIRE PUMPS
488	ELEC-9.5.6	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
489	ELEC-9.5.7	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
490	ELEC-9.5.8	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
491	ELEC-9.5.9	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
492	ELEC-9.5.10	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
			ELECTRIC DRIVEN MAIN FIRE PUMPS(END SUCTION)
493	ELEC-9.5.11	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar /Lubi /KSB /CRI.
494	ELEC 9.5.12	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar /Lubi /KSB /CRI.
495	ELEC 9.5.13	……	Makes of Pumps: Kirloskar / Mather&Platt/Lubi/KSB/CRI. Makes of Motors: Siemens/ ABB/ Kirloskar /Lubi /KSB /CRI.
			DIESEL ENGINE DRIVEN MAIN FIRE PUMPS(END SUCTION)
496	ELEC-9.5.14	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
497	ELEC-9.5.15	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
498	ELEC-9.5.16	……	Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI.
			JOCKEY PUMPS
499	ELEC-9.5.17	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
500	ELEC-9.5.18	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
501	ELEC-9.5.19	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
			BOOSTER PUMPS
502	ELEC-9.5.20	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
503	ELEC-9.5.21	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
504	ELEC-9.5.22	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
505	ELEC-9.5.23	……	Makes of Pumps : Kirloskar / Mather&Platt/KSB/CRI. Makes of Motors : Siemens/ ABB/ Kirloskar/KSB/CRI.
			CONTROL PANELS
506	ELEC-9.5.24	……	Makes Lauritz Knudsen (formerly L&T)- D shine / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL / Hager-h3/C&S -Winbreak2Makes of Meters : Schneider (Conzerve) / Lauritz Knudsen (formerly L&T) / Elmeasure

			/ Siemens
507	ELEC-9.5.25	……	Makes Lauritz Knudsen (formerly L&T) / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL / Hager-h3/C&S - Winbreak2 Makes of Meters : Schneider (Conzerve) / Lauritz Knudsen (formerly L&T) / Elmeasure / Siemens
508	ELEC-9.5.26	……	Makes: Lauritz Knudsen (formerly L&T) - D shine / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL / Hager-h3/C&S -Winbreak2 Makes of Meters : Schneider (Conzerve) Lauritz Knudsen (formerly L&T) / Elmeasure / Siemens
509	ELEC-9.5.27	……	Makes: Lauritz Knudsen (formerly L&T) - D shine / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL / Hager-h3/C&S -Winbreak2 Makes of Meters : Schneider (Conzerve) / Lauritz Knudsen (formerly L&T) / Elmeasure / Siemens
510	ELEC-9.5.28	……	Makes: Lauritz Knudsen (formerly L&T) - D shine / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL / Hager-h3/C&S -Winbreak2 Makes of Meters : Schneider (Conzerve) / Lauritz Knudsen (formerly L&T) / Elmeasure / Siemens
511	ELEC-9.5.29	……	Makes of MCCBs : Lauritz Knudsen (formerly L&T) / Siemens / Legrand / Schneider / ABB / Hager Makes of Meters : Schneider (Conzerve) / Lauritz Knudsen (formerly L&T) / Elmeasure / Siemens
			MS PIPES
512	ELEC-9.5.30	……	Makes: Jindal / Hissar / Tata pipes/Prakash Surya/MPL
513	ELEC-9.5.31	……	Makes: Newage/ Winco/ Padmini / Safex/Minimax/ Newtech/Honeywell/Kartar/Armorfire/Shuviro.
514	ELEC-9.5.32	……	Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / SANT/NEU-G /Honeywell /Kartar /Armorfire /Shuviro.
515	ELEC-9.5.33	……	Makes: BDK / NEU-G / Leader/ Zolotto / SANT/Honeywell//Kartar/Armorfire/Shuviro
516	ELEC-9.5.34	……	Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto/SANT/NEU-G /Honeywell /Kartar /Armorfire /Shuviro
517	ELEC-9.5.35	……	Make: NEU-G /Zolotto /Padmini /SANT /Honeywell /Kartar /Armorfire/Shuviro.
518	ELEC-9.5.36	……	Makes: Newage/ Winco/ Padmini / Safex / Minimax /NewTech/Honeywell/Kartar/Armorfire/Shuviro.
519	ELEC-9.5.37	……	Makes: Newage/ Winco/ Padmini / Safex / Minimax/ NewTech/Honeywell/Kartar/Armorfire/Shuviro.
520	ELEC-9.5.38	……	Makes: Leader / Zolotto /SANT /Honeywell /Kartar /Armorfire/Shuviro.
521	ELEC-9.5.39	……	a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585 Makes: Reliance/ Newage/ Safex /NewTech /Winco /Minimax/Kartar/Armorfire/Shuviro b) 20mm (Nominal internal) dia gun metal ball/gate valve

			and nozzle. Makes:NEU-G/SANT / Safex /Kartar /Armorfire/Shuviro.
522	ELEC-9.5.40	……	makes:Minimax/Safex/Newage/Winco /Padmini /NewTech /Kartar/Armorfire/Shuviro
523	ELEC-9.5.41 a-b	……	Makes: Newage/ Winco/ Padmini / Safex / Minimax/NewTech/Kartar/Armorfire/Shuviro.
524	ELEC-9.5.42	……	. Makes: Newage/ Winco/ Padmini / Safex / Minimax/NewTech/Honeywell/Kartar/Armorfire/Shuviro
525	ELEC-9.5.43	……	Makes: Newage/ Winco/ Padmini / Safex / Minimax/NewTech/Honeywell/Kartar/Armorfire/Shuviro
526	ELEC-9.5.45	……	Makes: HD / TYCO / VIKING / NEWAGE/ SHARP / SAFEX/Kartar/Armorfire/Shuviro
527	ELEC-9.5.46	……	Makes: HD / TYCO / VIKING / NEWAGE/ SHARP / SAFEX/Kartar/Armorfire/Shuviro
528	ELEC-9.5.47	……	Makes: Danfoss / Indfoss /System sensor/Honeywell
529	ELEC-9.5.48	……	Makes: System Sensor / Switzer/Honeywell
530	ELEC-9.5.49	……	Makes: System Sensor / Switzer/Honeywell
531	ELEC-9.5.50	……	MAKES: HGURU / FIEBIG
532	ELEC-9.5.51	……	Makes: Zoloto / Leader / SANT/NEU- G/Kartar/Shuviro
533	ELEC-9.5.52	……	Makes: Zoloto / Leader / SANT/NEU- G/Kartar/Shuviro
534	ELEC-9.5.53	……	Makes: Zoloto / Leader / SANT/Kartar/Shuviro
535	ELEC-9.5.54	……	Makes: Tyko/Newage/HD/Kartar/Shuviro
536	ELEC-9.5.55	……	Makes: HD / TYCO / NEWAGE
537	ELEC-9.5.56	……	Makes:Normex /SANT/Kartar/Shuviro
538	ELEC-9.5.58	……	. Make:IWL(PIPE KOT) or its equivalent
539	ELEC-9.5.60	……	1) DOL Starter Make C&S/ Crompton / Lauritz Knudsen (formerly L&T) /KSP/ Siemens/BCH
			2) Volt meter Make:Conzerve/Elmeasure/ Meco/ HPL/ Lauritz Knudsen (formerly L&T) / Socomec /Legrand
			3) AmmeterMake: Conzerve/Elmeasure/Meco/HPL/ Lauritz Knudsen (formerly L&T) / Schneider/AE/ Socomec /Legrand
			4) selector switch Make: Lauritz Knudsen (formerly L&T) / C&S/ Salzer/HPL
			5) Single Phase Preventor Makes: Lauritz Knudsen (formerly L&T) / Minilec / Powertec. - 1No.
			6) capacitor Makes: Lauritz Knudsen (formerly L&T) / Siemens / Schneider / Epcos/Havells/Legrand.
			7) MPCB (Motor Protection Circuit Breaker) Makes: Lauritz Knudsen (formerly L&T) - D shine / Schneider-NS NSX/Legrand -DP X3/ Siemens-3VL.
			8) ON/OFF/TRIP push button actuators and integral contact block of dia. 22.5 mm i Make:Seimens/ ABB/ Schneider/ Lauritz Knudsen (formerly L&T) / C&S/HPL
			9) power contactor Make: Seimens/ABB/ Schneider / Lauritz Knudsen (formerly L&T) /C&S /HPL /Havells/Legrand - 3 pole, 35-40A AC3 Rating, Contactor

			10) thermal over load relay Make:Seimens/ABB/Schneider/ Lauritz Knudsen (formerly L&T) /C&S/HPL/Havells/Legrand - 1 No
			11)Current Transformer Make: Kappa/ Lauritz Knudsen (formerly L&T) / Seimens/ C&S/ Schneider - 3 No
540	ELEC-9.5.61	……	Makes: Newage/ Winco/ Padmini / Safex / Minimax/NewTech/Honeywell/ Kartar/Shuviro.
541	ELEC-9.5.62	……	Makes: HD / TYCO / VIKING / NEWAGE/ SHARP / SAFEX/ KARTAR/Shuviro
542	ELEC-9.5.63	……	Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto /SANT/NEUG/Honeywell/ Kartar/Shuviro
543	ELEC-9.5.64 a to e	……	Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / SANT/Honeywell/ Kartar/Shuviro
544	ELEC-9.5.65	……	Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / SANT/Honeywell/ Kartar/Shuviro
545	ELEC-9.5.66	……	Makes: HD / TYCO / VIKING / NEWAGE/ SHARP / SAFEX
546	ELEC-9.5.67	……	. Makes: HD / TYCO / VIKING / NEWAGE/ SHARP / SAFEX
547	ELEC-9.5.69		Make of motor: Crompton, Kirloskar, Texmo, KSB,CRI, Suguna with ISI mark. Pump:Green tech,Kisan,Ultrajet, Pressurejet, Ambica tools, Seaara or any ISI
548	ELEC-9.5.70		Make Petrol engine: Honda, Kisan, Yamaha
549	ELEC-9.5.71		Make of motor: Crompton, Kirloskar, Texmo, KSB,CRI, Suguna with ISI mark. Pump:Green tech,Kisan,Ultrajet, Pressurejet, Ambica tools, Seaara or any ISI
	10.1		**GENERATORS SPECIFICATION**
	ELEC-10.1.1 a - i	……	Deleted
	ELEC-10.1.1 j - n	……	Deleted
	ELEC-10.1.1 o- t	……	Deleted
550	ELEC-10.1.5 a - i	……	Engine Makes:Cummins/Koel Green/Sterling/ mahindra/Elmot Power Gen/Ashok Leyland/Greaves Alternator Make:Stamford/ Kirloskar/ CromptonGreaves/Leroysomer
551	ELEC-10.1.5 j - n	……	Engine Makes:Caterpillar/Cummins/Koel Green/Mahindra/Elmot power Gen/Ashok Leyland/Greaves Alternator Make:Leroy somer/Crompton Greaves/Stamford
552	ELEC-10.1.1 o- t	……	Engine Makes:Caterpillar/Perkins/Cummins/Greaves/KOEL Alternator Make:Leroy somer/Crompton Greaves/Stamford
	11.1		**INVERTERS and ONLINE UPS SYSTEMS**
553	ELEC-11.1.1	……	Makes: Exide / Amar Raja / Samhitha/ Microtek
554	ELEC-11.1.2	……	Makes: Numeric/APC/Fuji Electric/ Sakshham /Emerson/Techser/Power one.

555	ELEC-11.1.3	……	Makes: Numeric/APC/Fuji Electric / Sakshham /Emerson/Techser/ Power one.
556	ELEC-11.1.4	……	Makes: Mitsubishi/ Socomec /Schiender(APC)/ Legrand/Fuji Electric (Consul Neowatt)/ Power one.
557	ELEC-11.1.9	……	Makes: Quanta / Racket / Exide.
558	ELEC-11.1.10	……	Makes: Quanta / Racket / Exide.
559	ELEC-11.1.11	……	Makes: Quanta / Racket / Exide.
560	ELEC-11.1.12	……	Makes: Quanta / Racket / Exide.
561	ELEC-11.1.13	……	Makes: Quanta / Racket / Exide.
562	ELEC-11.1.14	……	Makes: Quanta / Racket / Exide.
563	ELEC-11.1.15	……	Makes: Quanta / Racket / Exide.
564	ELEC-11.1.17	……	Makes: Amar Raja (Power Zone) or Equivalent model of Exide / Panasonic / Gotech.
	ELEC-11.2.1		Makes: Fuji Electric / Numeric/APC(Schneider)
	13.1		**LIFTS (New Installation) Category I**
565	ELEC-13.1.1	……	Makes: Kone/Otis /Schindler /Mitsubishi /Johnson /ThyssenKrupp/Fujitec
566	ELEC-13.1.2	……	Makes:Kone /Otis /Schindler /Mitsubishi /Johnson /ThyssenKrupp/Fujitec
567	ELEC-13.1.3	……	Makes:Kone /Otis/Schindler/ Mitsubishi/Johnson/ ThyssenKrupp /Fujitec
568	ELEC-13.1.4	……	Makes:Kone/Otis /Schindler/Mitsubishi/Johnson /ThyssenKrupp /Fujitec
569	ELEC-13.1.5	……	Makes:Kone /Otis/Schindler/Mitsubishi /Johnson /ThyssenKrupp/Fujitec
570	ELEC-13.1.6	……	Makes:Kone /Otis/Schindler /Mitsubishi/Johnson /ThyssenKrupp/Fujitec
571	ELEC-13.1.7	……	Makes:Kone /Otis /Schindler /Mitsubishi /Johnson /ThyssenKrupp/Fujitec
572	ELEC-13.1.8	……	Makes:Kone /Otis /Schindler /Mitsubishi /Johnson /ThyssenKrupp/Fujitec
573	ELEC-13.1.9	……	Makes:Kone/Otis/Schindler/Mitsubishi/Johnson/Thyssen Krupp/Fujitec
			LIFTS (New Installation) Category II
			Makes:- Suryodaya Elevators/ESCO Lifts/Sunrise Lifts /BECO LIFTS/Surya Elevators
			SECTION- 14 (Electrical items recommended by Chief Engineer (APMSIDC)
			MEDICAL GAS PIPE LINE SYSTEM
574	ELEC-14.1.1 to 14.1.10		Make: IBP Conex / Maxflow
575	ELEC-14.1.11 to 14.1.19		Makes: Aktiv Technologies// Atlas Capco/ Draeger Medical/ / Airox Technologies / Aastha Medical technologies/ GMP Technical Solutions / Medicare gas pipe line/Mediline Engineers
576	ELEC-14.1.20/ 14.1.21		Make: Siemens / Johnson Controls / Medicare gas pipe line/ Mediline Engineers/ Aktiv Technologies// Atlas Capco/ Draeger Medical/ / Airox Technologies
			STP & ETP WORKS (Electro-Mechanical items)
577	ELEC-14.2.1 to ELEC-14.2.5		Fabricated item as per specification with SOR approved makes of MS/SS

578	ELEC-14.2.6 to ELEC-14.2.8		Fabricated item as per specification with SOR approved makes of MS/SS
579	ELEC-14.2.9/ 14.2.10		Make: Kay/Everest/Swan/A1/Jyothi Airtech/ Crystal Air/Kruger/ System Air/ Carry Air / Aerotech
580	ELEC-14.2.11		Make: MettlerToledo/Aster/Transformium Engrs/Konvio
581	ELEC-14.2.12/ 14.2.13		Makes: Rehau/OTT/SSI/Aquaflex/Techpro/Shridevi /Sreetech
582	ELEC-14.2.14 to ELEC-14.2.17		Makes: Kishor/KSB/Grundfos/CRI/Wilo/Kirloskar
583	ELEC-14.2.18/ 14.2.19		Fabricated item as per specification with SOR approved makes of MS/SS with reputed brands of Motor like Kirloskar/KSB/Texmo/CRI/Crompton
584	ELEC-14.2.20 to ELEC-14.2.21		Makes: Kay/Everest/Swan/A1/Jyothi Airtech/ Crystal Air/ System Air/ Carry Air / Aerotech
585	ELEC-14.2.22/ 14.2.23		Pipes as per specification with SOR approved makes of MS/ SS
586	ELEC-14.2.24		Makes: Rehau/OTT/SSI/Aquaflex/Techpro/Shridevi /Sreetech/ MM Aqua/ Tecpro/Enery Equipment
587	ELEC-14.2.25 to ELEC-14.2.28		Makes: Kishor/KSB/Grundfos/CRI/Wilo/Kirloskar
588	ELEC-14.2.29 to ELEC-14.2.31		Make: ShivPAD/Eimco-KCP/PicoPuro/Voltas
589	ELEC-14.2.32 to ELEC-14.2.34		Make: Johnson/Kirloskar/KSB/Grundfos/CRI/Wilo
590	ELEC-14.2.35/ 14.2.36		Make: Hitech/Sukrut/Ultra Aqua/Philips/Equivalent
591	ELEC-14.2.37/ 14.2.39		Makes: Kishor/KSB/Grundfos/CRI/Wilo/Kirloskar
592	ELEC-14.2.40 to ELEC-14.2.2.43		Makes: Sreetech/Fluid Systems/Anju Enterprises/Any approved make
593	ELEC-14.2.44/ 14.2.45		Makes:Verito Engineering/Fluid Systems/ Fabricated item as per specification with SOR approved makes of MS/SS with reputed brands of accessories
594	ELEC-14.2.46/ 14.2.48		Makes: Kishor/KSB/Grundfos/CRI/Wilo/Kirloskar
595	ELEC-14.2.49		Make: PD pumps / Rotomac / Alpha helical /Roto
596	ELEC-14.2.50/ 14.2.51		Make: Hydro Press/Yo-Tana/Amar.
597	ELEC-14.2.52		Makes:Verito Engineering/Fluid Systems/ Fabricated item as per specification with SOR approved makes of MS/SS with reputed brands of accessories
598	ELEC-14.2.53		Make: MM Machinery/Safex electro mech/Vertex Cranes/Df Hoist/Reva Cranees/Aditya or any reputed brand

599	ELEC-14.2.54		Make: MM Aqua/ Tecpro/Enery Equipment/Rehau/ OTT/ SSI/Aquaflex/Techpro/Shridevi /Sreetech
600	ELEC-14.2.55 to ELEC-14.2.61		As Per Approved Makes in SOR for uPVC/D.I./KSC Pipes/ Reputed makes with ISI
601	ELEC-14.2.62/ 14.2.63		Makes: Metlor Tolodo/Vector Technologies/Lutron/Spectra Labs/Kytola/Any reputed brand with ISI
602	ELEC-14.2.64		Makes: HGURU / FIEBIG and Approved makes with ISI
			BUILDING MANAGEMENT SYSTEMS
603	ELEC-14.3.1/ 14.3.2		Makes HP/IBM/DELL
604	ELEC-14.3.3 to 14.3.17		Make: - Honeywell / Siemens/ Schneider/Johnson Controls/Delta
605	ELEC-14.3.18/ 14.3.19		Lauritz Knudsen (formerly L&T) /ABB/Meco/Schneider/Siemens
606	ELEC-14.3.20/ 14.3.21		Make: Honeywell / Siemens/ Schneider/Johnson Controls/Delta
			ACCESS CONTROL SYSTEM
607	ELEC-14.4.1 to 14.4.9		Makes - matrix/Honeywell/ESSL/Siemens /Delta/JohnsonControls /Bosch
608	ELEC-14.4.10/ 14.4.11		Make : Rosslare/Software house/Spectrum
			NURSE CALLING SYSTEM
	ELEC-14.5.1		Deleted

GUIDELINES FOR ELECTRICAL WORKS

PREFACE

Electrical supply and installation are an important and essential part of Building Services. Right from initial planning, design, selection of material, installation / method of construction; to testing, commissioning and maintenance; every aspect is governed by statutory provisions referring various Standards and Codes. All such norms are oriented to minimize risk, provide safe use, operation, functionality, and convenience throughout service life.

Any lapse in any of the above aspect may lead to severe effects on human life and devastation of assets. Occasions of electrical fires are increasing with the increasing use and electrical gadgets. Unfortunately, still it is seen that Electrical Installation is given least importance. Qualities and safeties are compromised out of connivance or lack of technical knowledge. Many times, electrical work gets executed through non- qualified persons not having required knowledge and Permit in that regard. Such hired persons work on labor basis to whom non- standard material is supplied without any base of 'Design'. There is no person to supervise quality and safety aspects, most of which remains 'concealed' as the work gets completed.

In case of High-Rise buildings norms are more stringent. Fire hazard is more prominent risk factor as evacuation in high-rise building is a challenging task. Part 3 section 7 of NEC gives special guidelines in this regard.

The person who uses, operates electrical installation is not expected to know the real technical aspects of design, material used, quality of work, adherence to safety, compliance with statutory provisions. Under the circumstances it has become a need to set base line parameters. Plug the loopholes, get the work done adhering to norms and standards and make someone responsible so that in case of any lapse /mishap such person / agency can be made answerable.

Important Note:

1. SSR rates for Electrical items are purely for guidance of the officers in preparation of estimates vide Para 113 of APPWD Code. Authority who prepares the estimate is, however responsible for proper rates as envisaged in Para 45 of APPWD Code.

2. The rates published in the Buildings SoR 2025-26 are the ceiling rates only and the estimate preparing authorities are responsible for the correctness and reasonableness of the rates and technical specifications adopted in the estimates

The following guidelines /recommendations / mandates are basically given to execute work of Electrical Installation.

1. ARCHITECTURAL / CIVIL WORK PROVISIONS RELATED TO ELECTRICAL INSTALLATION

1.1 Architectural Planning requirements:

At planning stage Architect shall discuss and consider requirements of Electrical Consultant / Contractor in respect with site and location of construction and in respect with drawings of building requirement of spaces, clearances, approach ways, raceways, shafts, recommended wall thickness, required provisions for prevention from fire hazard likely to originate from electrical installation.

If proposed construction is within vicinity of existing over-headline, underground cable compliance with Regulation 63 of CEA Safety Regulations shall be checked prior to commencement of any work on site.

Architect shall incorporate following points in the drawings related to services as per the applicable requirements.

1.1.1 Site Plan:

Site plan shall show existing overhead electrical lines / underground cables if any and proposed construction within the boundaries of the area to be developed.

1.1.2 Routes and service entry points:

Architectural drawings shall clearly mark electrical service entry points, cable routes below ground, through the building structure, so that detailing in electrical shop drawings will restrict the work within specified route and no conflict shall occur with other building utility service. The drawings shall specify required horizontal and vertical clearance to be maintained between other utility services.

1.1.3 Locations of Electrical Panels:

Locations and position for main and sub electrical panels shall be marked, and adequate space / room shall be allocated considering dimensions of panel, clearance in front, side and back. Consideration shall be given to space required for opening of the panel doors / racking out breakers, and approach boundaries (Refer NEC Part1 / section 24 Electrical Safety), and accessibility. Floor mounting panels shall preferably be located in separate Electrical Panel Rooms having outside door opening, required fire rating (two hours if not specified) and ventilation arrangement**.**

NOTE – Special consideration shall be given to this point in case of High-Rise buildings.

1.1.4 Electrical meter rooms:

Meter rooms shall be separate. It shall be planned to have sufficient head room and clear space in front of meters, control switches (at least 1m). Space on wall shall be sufficient to accommodate required number of meters at suitable height so that readings can be taken without aid of any tackle. Also, the switchgears shall be at least 0.5 m above floor level and within such height to have an easy access for operation. The meter room shall be well ventilated, protected from external influences like sun, rain, water seepages, entry of rodents. Location of meter room shall be suitably adjacent or nearest to cable duct / shaft / vertical route of mains.

NOTE – Meterroomsshall not be located below staircaseswhere aboverequirements could notbecomplied with.

1.1.5 Movement of heavy / bulky electrical equipment:

For installation of electrical equipment within building which is likely to be heavy / bulky in size or removing it for maintenance, provision of adequate passages, stair ways or any alternate provision for its shifting / movement shall be considered.

1.1.6 Shafts /ducts:

There shall be provision of shafts with required fire rating (2 hours if not mentioned specifically) for vertical electrical distribution which shall preferably be adjacent to electrical panels. Shafts shall be separate for electrical HT cables, LT power cables / bus-bar trucking and cable work of Extra Low Voltage systems like telephones, security system, fire alarm, signaling, BMS or data networking etc. If independent shaft is not possible, there shall be an arrangement for segregation in between, which shall have required fire rating same as that of shaft. No other utility service shall run through these shafts. Shafts shall be accessible at all levels with doors having fire rating as that of shaft and shall not open in fire escape staircase. All shafts shall have fire prevention provision as per National Building Code and fire safety requirements of local statutory authorities.

NOTE- As per CEA Reg.36 provision in respect of independent electrical service shaft is mandatory for all buildings above 15m height (High-Rise buildings).

1.1.7 Interior design and Electrical Layouts:

It is recommended to prepare interior layouts so as to plan electrical points, locations of switch boards to suite the aesthetics, functionality as well as for comfort and ease of operation.

1.1.8 Aesthetics and Electrical Safety

To avoid conflicts between Architect from perspective of aesthetic and person executing electrical installation work from the point of view of safety requirements of electrical work, convenience and ease of installation and further maintenance depending on type of wiring (concealed / surface / hybrid), location of distribution boxes, requirement of under-floor truncking / false flooring / false ceiling, wall partitions and openings to enter into / work within as per the need. These points shall be decided at planning stage.

1.1.9 Illumination

Within interior work number, type, size, and location of luminaries shall be decided and agreed upon mutually between Architect and Electrical Agency, considering technical parameters of lux level, CCT, heat dissipation, accessibility and maintainability.

1.1.10 Ceiling Fans

Location of ceiling fans shall suite recommended minimum clearance between ceiling / false ceiling and fan blade (225mm), floor level and fan blade(2400mm).Sweep of fan blades shall not obstruct light source. Location and size of fan shall also suite utility from the point of view of users and aesthetically match with false ceiling design.

NOTE: Sometimes due to afterthought provision of false ceiling, it creates problems affecting required clearances. Under some cases, replacement of down rod with suitable length may solve problem but in case of limited ceiling height it is not possible.

1.1.11 Exhaust fans

Wherever provision of exhaust fans is there, cross ventilation shall be considered to allow sufficient fresh air to enter into particular envelop, e.g. For toilets where
Exhaust fans are proposed, door under cuts or louvers preferably at lower level for cross ventilation shall be provided.

NOTE: Non provision of entry for fresh air creates negative pressure within the envelope increasing load on exhaust fan resulting into heating and subsequent failure.

1.1.12 Earthing

Location of earthing pits shall be shown on drawings so that those shall always remain open and accessible for testing and maintenance throughout the service period.

1.1.13 Restricted Access

Areas requiring restricted access to designated person, authorized to carry out electrical work therein shall be provided with necessary arrangements.

1.1.14 Sub stations / Generators / Battery rooms

Location of required civil structure shall be considered in advance with required height of room, door openings, firefighting system, ventilation etc.

1.2 Civil Planning and Constructional Requirements

It is important to plan activities of civil construction and electrical works in detail on bar chart or similar tools available in project planning. The bar chart shall be updated and coordination be monitored to avoid conflicts, breakages and reworking. Following points give general guidelines.

1.2.1 Fire rating

The electrical panel rooms, doors, segregation arrangement within shaft shall have fire rating of 2 hours or as per requirements mentioned under NBC, Central Electricity Authority (measures related to Safety and Electric Supply) Regulations,2010 and further amendments.

1.2.2 Shafts / Ducts /Chambers

Design and location of cable ducts, shafts, chambers, their covers, and entry points, shall be as per shop drawings provided by electrical agency and shall be in consultation with, considering further aspects of maintenance / repairs / replacement . Size of chambers shall be in consideration with bending radii of cables. At every flooring level, there shall be a provision to seal these shafts, so that in case of fire, it shall not spread, or smoke shall not pass from one floor to other.

1.2.3 Openings and covers

Manholes / opening of chambers shall not be less than 650mm x 550mm or 650mm India., where opening is intended for entry of person. C overs of manholes, chambers shall bear sufficient strength to with stand loads likely to be imposed on the structure. Covers shall be marked with the name of the service.
Openings / covers of Junction boxes / draw-in boxes / accessories in conduit systems with inspection openings shall always be accessible.

1.2.4 Enclosures for underground cables

Pipes to be used for cable as enclosures shall be of required diameter so that cable can pass through or removed from easily and have sufficient mechanical strength and shall be erected at required depth to suite requirements of IS 1255**.**

1.2.5 Wall thickness

Walls shall be of sufficient thickness to accommodate concealed boxes /switchboards / distribution boxes. So thatinstallation of boxes will not affect strength of wall. Additional strengthening shall be considered if necessary.

NOTE : Depth of box may be 60 mm or vary depending on manufacturer's design.Under circumstances in 4"/100 mm wall it is not possible to accommodate these boxes back-to-back. Staggering may solve problem to certain extent.

1.2.6 Structural strength

In Wiring Installation where Cable Ladder, Tray system is used for cable management, its structure along with the load of cables which it is going to support, is likely to impose load on the primary structure of building. This situation occurs when supportsof this system are fixed on building structure. For this building structure shall have capacity to bare the load.

At some locations there are chances of conduits getting crowded endangering structural strength due to number of circuits entering / passing out from the particular DB / panel. This situation may occurin beam, slab, and wall. If such situation is unavoidable necessary measures may be required to be taken to retain structural strength.

1.2.7 Sleeves / core cutting

As far as possible sleeves shall be got erected for entry of wires / cables through wall, flooring, RCC structure during construction to avoid core cutting, damages and reworking at finishing stage. Sometimes core cuttings may berequired whichshall be done with the consent of structural engineer and under supervision of civil engineer.

1.2.8 Water leakages / seepages

Design shall take into consideration possible seepages, leakages, accumulation, and ground in-surge of water, which is hazardous to electrical installation. Required provisions shall be made at such locations to prevent and work shall be executed with due care**.**

1.2.9 Bathrooms /washrooms

Within bathrooms / washrooms, location of showers, faucets shall be such that during use, water shall not splash on switch boards / electrical outlets / fittings.

1.2.10 Tandems in Flat Slab post tension structures

For flat slab post tension structure's locations of tandems marking shall be made to avoid puncture of / damage to tandems during electrical construction activity.

1.2.11 Earthing

Any construction work, including excavation, subsequent to construction of earthing electrode/s ; it shall not disturb / damage any part of earthing system. Any civil work on construction site shall not cause cover-up / concealing of any portion of electrical earthing system without notice and consent of person In- Charge of electrical work.

1.2.12 Sub stations / Generators / Batteries

Trenches, ventilation, approach roads shall be provided as per necessity.

2. ELECTRICAL PROVISIONS

2.1 Statutory Obligations – Appointment of Licensed Electrical Contractor

Reg .29(1) shall be strictly followed by the Developer and work shall be got done through Licensed Electrical Contractorwho shall submit Test Report of the work carried-out by him.

Developer may take undertaking from the Licensed Electrical Contractor, who shall be responsible to do the work through the qualified workmen having required permit in that regard. He shall also see that the material to be used, work and workmanship shall conform to respective norms, standards, and Regulations.

NOTE–All hiddenwork shall be checked for conformity with thestandards prior to get it concealed, shall be certified by the contractor.

2.2 Statutory Obligations–Approvals /Permissions / Licenses

Required approvals shall be taken as per related Rules and Regulations mentioned below prior to the commissioning and handing over the installation for beneficial use.

a) Central Electricity Authority (measures related to safety and electric supply) Regulations 2010 and amendments 2015, 2018
b) Reg. 32 – Generator Inspection and approval for commissioning.
c) Reg. 36 – Multi-storied building (height above 15m): inspection and NOC for commencement of supply
d) Reg. 43 –Transformer sub-station or any installation above 660V : inspection and approval before commencement of supply

See Annexure C of above regulations for extract of Regulations.

2.3 Material

Material used for Electrical Installation shall conform to the respective Indian standards or International standards where relevant Indian Standards are not available.
Technical Specification of materialshall strictly adhere to the design, based on load, use, external influences and safety.

2.4 Wiring Installation

Electrical Installation shall conform to provisions from related sections of National Electrical Code (NEC) and National Building Code (NBC). See Annexure A for minimum / basic requirementsfrom the point of view of Safety and functionality**.**

2.5 Transformer sub-station

Transformer sub-station providing supply to the building if located within building shall either use dry type transformer or a transformer filled with Synthetic Ester. Transformer filled with Natural ester shall be used only if transformeris sealed (without breather). For Transformer installed in separate roomdetached from building structure 7.5m away Mineral oil may be allowed.

2.6 Generator standby supply

For every high-rise building there must be a provision of generator supply as a standby arrangement which shall be of adequate capacity to cater load of all emergency systems for required time. Location and system of supply shall be such that functioning, and purpose of Generator will not be affected due to emergency like fire in building. If fire authority requires standby supply arrangementfor fire- fighting system also, provision of generators shall be made accordingly.

2.7 Handing over Documents

It shall be a part of obligation on the developer to handover the documents belonging to the prospective owner for his information and which he will need him for reference and maintain as a record.

2.8 MCBs

For lighting circuit 6A MCB and for powercircuit of powerpoint 16A MCB shall be used. For lighting circuits MCBs of B series may beused. For independent circuit of plug points C series MCB shall be provided. Circuits providingsupply for appliances like Air-Conditioner / water-pump shall be provided MCBs of 'C 'series. AC above1.5 TR may beprovided with MCB of 20 /25 A rating.

2.9 RCDs

Complete electrical installation must be protected against electrical shock by provision of Residual Current Device (also referred as ELCB/RCCB) having sensitivity of 30mA. RCDs may be provided more than one at suitable locations, to retain supply redundancy. In three phaseDBs per phase protection maybe provided. For installation having load 10kw and above, it is also recommended to provide RCD of300mA sensitivity at the source / point of supply to provide protection against Fire due to leakage currents**.**

2.10 Main switchgears

Depending on load provision of MCCBs, Circuit breakers shall be made with precise rating of overload, short-circuits etc**.**

3. Provision in respect of High-Rise Building

3.1 Supply isolation during Emergency Sub Regulation (3) of CEA Regulation No.36 provides for arrangement to completely isolate the supply at the time of emergency. It shall be interpreted as below:

3.2 The provision of a device to isolate complete supply, also called Fireman's Switch, is aimed at restricting further danger of short circuits due to fire and spread of fire and shock hazard, restriction on use of Lifts and any other activity running on electrical supply which may aggravate the situation. However supply to emergency services like rescue operation; Fire- Fighting shall not get affected with the operation of this control.

3.3 Suitable arrangement shall be done at the point of supply to separate supply of emergency services make arrangements to identify and mark with instructions

CEA (Measures related to Safety andElectric Supply) Regulations 2010 made under section

53 read with section 177 of Electrical Act2003 Regulation29 (1):

No electrical installation work, including additions, alterations, repairs and adjustments to existing installations, except such replacement of lamps fans, fuses, switches, domestic appliances of voltage not exceeding 250V and fittings as in no way alters its capacity or character, shall be carried out upon the premises of or on behalf of any consumer, supplier, owner or occupier for the purpose of supply to such consumer, supplier, owner or occupier except by an Electrical Contractor licensed in this behalf by the State Government and under the direct supervision of a person holding a certificate of competency and by a person holding a permit issued or recognized by the State Government.

3.4 Regulation12 (1):

All electric supply lines and apparatus shall be of sufficient rating for power, insulation and estimated fault current and of sufficient mechanical strength, for the duty cycle which they may be required to perform under the environmental conditions of installation, and shall be constructed, installed, protected, worked, and maintained in such a manner as to ensure safety of human beings, animals and property.

3.5 Regulation12 (2):

Save as otherwise provided in these regulations, the relevant code of practice of The Bureau of Indian Standards or National Electrical Code, if any, may be followed to carry out the purposes of this regulation and in the event of any inconsistency, the provisions of these regulations shall prevail.

3.6 Regulation12 (3):

The material and apparatus used shall conform to the relevant specifications of the Bureau of Indian Standards or International Electro-Technical Commission where such specifications have already been laid down**.**

3.7 Regulation12 (4):

All electrical equipment shall be installed above the Mean Sea level (MSL) as declared by local Municipal Authorities and where such equipment is to be installed in the basement, consumer shall ensure that the design of the basement should be such that there is no seepage or leakage or logging of water in the basement.

3.8 Regulation 3phases Provisions for supply and use of electricityin multistoried building more than15 meters in height: Regulation36 (3) .The supplier or owner of the installation shall provide at the point of commencement of supply a suitable isolating device with cut-out or breaker to operate on all phases except neutral in the 3-phase,4-wire circuit and fixed in a conspicuous position at not more than1.70meters above the ground so as to completely isolate the supply to the building in case of emergency.

a) Color Coding for Phase / Live – Red / yellow / Blue
b) Color Coding for Neutral – Black
c) Color Coding for Earth – Green
d) For light / bell wiring shall be two wire system .

e) For ceiling fan / exhaust fan / Separate socket wiring shall be three wire system .

Circuit main for switch boards:-

Circuit main for switch board shall be 3 runs of 2.5sq.mm copper cable i.e for phase, neutral and Earth. That is from DB to switch board.

Circuit Main for 16A socket :-

Circuit mains for 16A sockets shall be 3 runs 4.0sq.mm from DB to 16A socket. Phase, neutral and earth conductor are equal in size (i.e sq.mm).

Circuit Main for AC socket:-

Circuit mains for AC socket shall be 3 Runs of 6.0sq.mm from DB to AC socket. Phase, neutral and earth conductor are equal in size (i.e sq.mm).

Note: Power circuit rated more than 1KW, size as per calculations.

Capacity of Circuits:

I Lighting circuits shall feed light / fan / call bell points. Each circuit shall not have more than 800W
Connectedload or more than 10 points. In case of LED lights, where load per point may be less, number of points may be suitably increased.

II Power circuit in NRB will have only one outlet per circuit.

III Each power circuit in residential buildings can feed following outlets.

Not more than 2 No's 16A socket outlets.

Not more than 4 No's 6A/ 10A socket outlets.

c) Not more than 1 No 16A & 2Nos 6A out lets.

IV. Load more than 1 KW shall be controlled by suitable rated MCB, and cable size shall be decided as per the load calculations and length of circuit mains.

V. Load shall be distributed equally among the three phases.

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Mines & Minerals – Minor Minerals – Comprehensive Amendments to Andhra Pradesh Minor Mineral Concession Rules, 1966 to implement AP Minor Mineral Policy 2025 and Modified Sand Policy 2024 – Notification – Orders - Issued.

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INDUSTRIES & COMMERCE (MINES-II) DEPARTMENT

G.O.MS.No.100 Dated:26/06/2025

Read the following:

(1) G.O. Ms. No. 1172, Ind & Com (Mines), dated 04.09.1967
(2) G.O. Ms. No. 43, Ind & Com (Mines-III), dated 08.07.2024
(3) G.O. Ms. No. 49, Ind & Com (Mines-III), dated 02.09.2024
(4) G.O. Ms. No. 59, Ind & Com (Mines-III), dated 01.10.2024
(5) G.O. Ms. No. 66, Ind & Com (Mines-III), dated 25.10.2024
(6) G.O. Ms. No. 57, Ind & Com (Mines-III), dated 18.04.2025
(7) From the Commissioner & Director of Mines & Geology, AP, single e-file bearing Comp No. 2823348, dt.13.05.2025.

***

ORDER

In the references 2nd to 5th cited above, the Government has issued guidelines from time to time for the effective implementation of the Free Sand Policy, with the objective of making sand available to the general public free of cost, except for the recovery of operational expenses. As part of these guidelines, the Commissioner and Director of Mines and Geology were directed to examine the existing provisions and submit proposals for suitable amendments to the Andhra Pradesh Minor Mineral Concession (APMMC) Rules to ensure alignment with the objectives of the Free Sand Policy.

2. In the reference 6th read above, Government have introduced the Andhra Pradesh Minor Mineral Policy 2025 to foster responsible mining, attract investments, ensure sustainable practices, and further position the sector as a key contributor to economic growth and employment generation in the State and directed the Commissioner & Director of Mines & Geology A.P. to submit proposals for necessary amendments to Andhra Pradesh Minor Mineral Concession Rules, 1966.

3. In this regard, Commissioner and Director of Mines & Geology vide reference e-file 7th read above proposed comprehensive amendments to Andhra Pradesh Minor Mineral Concession Rules, 1966 and requested the Government to issue ~~the~~ amendments to the existing Andhra Pradesh Minor Mineral Concession Rules, 1966 for implementation of the Andhra Pradesh Minor Mineral Policy 2025 and Modified Free Sand Policy.

4. Government after careful examination of the circumstances reported by the Commissioner & Director of Mines & Geology, A.P. vide e-file 7th read above, have decided to make amendment to Rules 4, 5, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 26, 27, 28, 31, 33, 34, 35 and 37 of the Andhra Pradesh Minor Mineral Concession Rules, 1966

5. Accordingly, the following notification will be published in an Extra Ordinary issue of the Andhra Pradesh Gazette, Dt:26.06.2025.

NOTIFICATION

In exercise of the powers conferred by sub section (1) of section 15 of the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), as amended from time to time, the Governor of Andhra Pradesh hereby makes the following amendment to the Andhra Pradesh Minor Mineral Concession Rules, 1966 issued in G.O.Ms.No.1172, Industries & Commerce (B.I) Department, 4th September, 1967 as subsequently amended:

AMENDMENTS

In the said Rules

I. In rule 4

(1) In clause (a)

i. In sub-clause (i) for the words "district", the words "Jurisdiction as assigned by the Government" shall be substituted.

ii. after sub-clause (iii), the following shall be added, namely:

"(iv) District Mines & Geology Officer (DMGO) means the in-charge of District Mines & Geology Office.

(v) Divisional Mines & Geology Officer (Div. MGO) means the in-charge of Divisional Mines & Geology Office."

(2) In clause (c) for the words "Director of Mines and Geology, Andhra Pradesh" the words "the Commissioner or Director of Mines and Geology, Andhra Pradesh, as the case may be." shall be substituted.

(3) After clause (g) the following shall be added, namely:
"(g) (i) "Approved Mining Plan" means the Mining Plan approved by the Deputy Director concerned as per Rule 7-A (ii) (b) of these rules."

(4) After clause (h) the following shall be added, namely:
"(i) "Government" means "Government of Andhra Pradesh

(j) "Act" means the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), as amended from time to time.

(k) "Section" means section of the Act;

(l) "Schedule" means a schedule appended to these rules;

(m) "OMEPS" means Online Mineral E-Permit System, a dedicated online platform for mineral administration of the Department of Mines & Geology;

vii. Use of transit forms for dispatch of material excavated from areas beyond the approved lease boundaries;

viii. Use of transit forms for dispatches in excess of the approved quantities permitted under relevant statutory clearances, including but not limited to Environmental Clearance

f) No dispatch permit shall be issued to any leaseholder who has any mineral revenue arrears, pending demand notices, or unresolved violations under the Act or these Rules, until such dues or contraventions are resolved as per law.

2) The application for the dispatch permit under sub-rule (1) shall be made by the lessee through OMEPS to the Assistant Director/ Deputy Director concerned, as the case may be in Form-K after payment of Seigniorage Fee, DMF & MERIT and other levies, as applicable, for the proposed quantity to be dispatched. The permit shall be issued by the competent authority through OMEPS in Form – L

3) The leaseholders in the contract awarded sector shall obtain permits in accordance with Rule 10 (I) of these rules. In the event that the Seigniorage Fee Collection Contract is expired or temporarily suspended or discontinued, the leaseholder shall be entitled to obtain permits through OMEPS directly from the Assistant Director or Deputy Director concerned, as the case may be."

(2) After sub-rule (6), the following shall be added, namely:

"(7) The units covered under Rule 10(5) shall obtain dispatch permits from the Assistant Director/ Deputy Director concerned, as the case may be, in "Form K-1" by filing an application through the Online Mineral e-Permit System (OMEPS) in "Form L-1". The permit shall be issued upon payment of the applicable slab rate as prescribed in Schedule III, up to the quantity limit specified therein, in lieu of Seigniorage Fee, along with statutory contributions towards DMF and MERIT.

Provided that such units shall invariably procure raw material only from authorized lessees or licensees of the respective mineral, as per the provisions of these rules. Any procurement of mineral through unauthorized quarrying shall render the unit liable for action under Rule 26 of these rules."

XXXVII. In rule 35, for the words "two months", the words "ninety days" shall be substituted.

XXXVIII. The existing explanation to Rule 35-A, shall be omitted.

XXXIX. For Rule 35-B, following shall be substituted, namely:

"35-B) Every appeal under Rule 35 or application for revision under Rule 35-A shall be accompanied by payment of rupees five thousand in the Head of Account prescribed by the Government"

XL. In sub-rule (1) of Rule 35-C

a) For the words "Treasury receipt shown that the fees specified in Rule 35-B of these rules has been paid into a Government Treasury, or in any Branch of State Bank of India/Hyderabad conducting the Treasury business to the credit of the head of account is specified therein", the words "proof of payment of fees in the Head of Account prescribed by the Government" shall be substituted.

b) In the proviso, the expression "the said period of two months/" shall be omitted.

XLI. For Rule 37, the following shall be substituted, namely:

"37 Nothing in these rules shall apply to search for minerals at the surface not involving any substantial disturbance of the soil, any prospecting operations undertaken by the Geological Survey of India, the Indian Bureau of Mines, the Atomic Minerals Directorate for Exploration and Research of the Department of Atomic Energy of the Central Government, Mineral Exploration Consultancy Limited, a Government Company within the meaning of clause (45) of section 2 of the Companies Act, 2013, Department of Mines and Geology, APMDC and MERIT."

XLII. In these rules, for the words "Consideration Amount, DMF, MERIT & IT", wherever they occur, the words "contribution towards DMF & MERIT" shall be substituted."

XLIII. In these rules, for the words "consideration amount", wherever they occur, shall be omitted.

XLIV. In these rules, for the words "Assistant Director", wherever they occur, the expression "Assistant Director/ Deputy Director, as the case may be" shall be substituted.

XLV. For Schedule - I, II, III and IV appended to Rule 10, the following shall be substituted, respectively, namely

"SCHEDULE – I"

(RATES OF SEIGNIORAGE FEE)

S.No	Name of Minor Mineral	Unit	Rate of Seigniorage Fee (in Rupees)
1	Agate	MT	180
2	Ball Clay	MT	130
3	Building Stone	MT	105
4	Calcareous Sand	MT	115
5	Calcite	MT	160
6	Chalcedony Pebbles	MT	105
7	Chalk	MT	120
8	China Clay	MT	105
9	Clay (Others)	MT	105
10	Corundum	MT	150

S.No	Name of Minor Mineral	Unit	Rate of Seigniorage Fee (in Rupees)
11	Diaspore	MT	520
12	Dimensional Stone used for Cubes & Kerbs	MT	170
13	Dolomite	MT	115
14	Dunite/ Pyroxenite	MT	75
15	Felsite	MT	160
16	Fireclay	MT	105
17	Fullers Earth/ Bentonite	MT	225
18	Fuschite Quartzite	MT	160
19	**Granite useful for cutting & polishing**		

S.No	***Item***	***Unit***	***Above Gangsaw/ > 270 cm x 150 cm size***	***Below Gangsaw/ 270 cm x 150 cm & below size***
i	*Black Galaxy Granite*	*MT*	*1830*	*1530*
ii	*Black Granite other than Black Galaxy*	*MT*	*1520*	*1300*
iii	*Color Granite (Srikakulam Blue, Moon White, River White of Visakhapatnam Dist., Leptinites of Coastal Dists, Black Pearl of Prakasam & Guntur Dist)*	*MT*	*1660*	*1410*
iv	*Color Granite (Silver Waves, Madanapalli White, & Iscon White)*	*MT*	*1360*	*1200*
v	*Color Granite (Others)*	*MT*	*940*	*720*

19	**Laterite**		
i	*Dispatched for use in Alumina & Aluminium metal extraction*	*MT*	*350*
ii	*For use other than Alumina & Aluminum metal extraction & export*	*MT*	*175*
20	Limekankar/ Limestone	MT	160
21	Lime shell	MT	210
22	***Limestone (Slabs)***		
i	*Color*	*Sq. Mtr/ MT*	*12/150*
ii	*White*	*Sq. Mtr/ MT*	*12/150*
iii	*Black*	*Sq. Mtr/ MT*	*8/140*
23	M-Sand	MT	75
24	Marble	MT	150
25	Morrum/ Gravel & Ordinary Earth	MT	55
26	Mosaic Chips	MT	160
27	Ochre	MT	105

S.No	Name of Minor Mineral	Unit	Rate of Seigniorage Fee (in Rupees)
28	Ordinary Clay, Silt and Brick Earth used in Manufacture of Bricks including Tiles	Per Kiln per annum	10,000
29	Ordinary Sand	MT	0
30	Pyrophyllite	MT	250
31	Quartzite	MT	160
32	Rehmati	MT	45
33	Road Metal & Ballast	MT	105
34	Rough Stone/ Boulders	MT	105
35	Sand (Others)	MT	175
36	Shale	MT	180
37	Shingle	MT	105
38	Silica Sand	MT	260
39	Slate	MT	175
40	Steatite/ Soap Stone	MT	660
41	White Shale	MT	315
42	White Clay	MT	315

"SCHEDULE – II"

RATE OF DEAD RENT

S. No.	Mineral	Dead Rent (Rupees/ Ha/ Annum)
1	Black Galaxy Granite and Black Granite	1,80,000
2	Color Granite (Srikakulam Blue, Moon White, River White of Visakhapatnam Dist., Leptinites of Coastal Dists, Black Pearl of Prakasam & Guntur Dist, Silver Waves, Madanapalli White and Iscon White)	1,50,000
3	Color Granite (Others)	1,30,000
4	Limestone other than classified as major minerals used for lime burning for Building construction purposes, marble, boulders, building stone including stone used for Road Metal, Ballast, Manufactured sand, concrete & other construction purpose, Shale, Slate &Phyllites, Mosaic Chips, Fullers Earth/Bentonite & Dimensional Stone used for Cubes and Kerbs	80,000
5	Gravel, Morrum, Ordinary Earth, Shingle, Limestone Slabs used for flooring purpose, Limekankar, Chalcadeny Pebbles used in the building purpose, limeshell for burning used for building purposes, and Rehmati	65,000
6	All minor minerals which are not covered under Sl. No. 1 to 5 above	30,000

"SCHEDULE – III"

RATE OF SEIGNIORAGE FEE UNDER SLAB SYSTEM

Those who possess stone cutting and polishing industries and joined in slab system, the computation of Seigniorage Fee, DMF & MERIT in respect of raw material consumed in their industries is as per the following:

S. No.	Type of Blade	Slab Rate in Rupees per month per blade	Ceiling Limit per month per blade
a	Block cutter with single blade involved in cutting Granite Blocks below 270 cm x 150 cm size in erstwhile Prakasam District	35,000	22 Cu.M
b	Block cutter with multi blade involved in cutting Granite Blocks below 270 cm x 150 cm size in erstwhile Prakasam District	70,000	44 Cu.M
c	Block cutter with single blade involved in cutting Granite Blocks below 270 cm x 150 cm size in other than erstwhile Prakasam District	28,000	22 Cu.M
d	Block cutter with multi blade involved in cutting Granite Blocks below 270 cm x 150 cm size in other than erstwhile Prakasam District	56,000	44 Cu.M
e	Composite rate (Seigniorage Fee, DMF & MERIT) per Sq. M for the blocks procured beyond ceiling limit considering average yield per each Cu.M as 33 Sq. M	Rs. 90	
f	Composite rate (Seigniorage Fee, DMF & MERIT) per Sq. M for the blocks procured beyond ceiling limit considering average yield per each Cu.M as 33 Sq. M	Rs. 75	

"SCHEDULE – IV"

LIST OF MINERALS

Part – A

1. Granite
2. Marble

Part – B

1. Agate
2. Ball Clay
3. Calcareous Sand
4. Calcite

5. Chalk
6. China Clay
7. Clay (Others)
8. Corundum
9. Diaspore
10. Dolomite
11. Dunite/ Pyroxenite
12. Felsite
13. Fire Clay
14. Fuschite Quartzite
15. Gypsum
16. Jasper
17. Kaolin
18. Laterite
19. Limekankar/ Limestone (Minor)
20. Ochre
21. Pyrophilite
22. Quartzite
23. Sand (Others)
24. Shale
25. Silica Sand
26. Steatite/ Talc/ Soapstone
27. White Clay
28. White Shale

Part – C

1. Building Stone
2. Chalcedony Pebbles
3. Dimensional Stone used for Kerbs & Cubes
4. Fullers Earth/ Bentonite
5. Limeshell
6. Limestone Slabs (Color/ White/ Black)
7. Manufactured Sand
8. Morrum/ Gravel & Ordinary Earth
9. Mosaic Chips
10. Rehmati
11. Road Metal & Ballast
12. Rough Stone/ Boulders
13. Shingle

14. Slate

Part – D

1. Ordinary Sand

XLVI. In Form - G,

(1) for the marginal heading "FORM OF LEASE FOR MINOR MINERALS" shall be substituted.

(2) Following shall be inserted in Clause 14
"In the case of major minerals or atomic minerals, the lessee or registered holder shall not win, extract, or dispose of such minerals and intimate the Assistant Director of Mines & Geology concerned within 30 days of discovery for necessary action, as prescribed under the applicable laws and rules"

(BY ORDER IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

PRAVIN KUMAR
SECRETARY TO GOVERNMENT (MINES)

To
The Commissioner & Director, Mines & Geology, A.P, Ibrahimpatnam, NTR District
Copy to:
The Secretary to Govt, Ministry of Mines, Govt of India, Shastry Bhawan, New Delhi.
All the District Collectors
All the members of District Level Sand Committees
The Finance (FMU, I&C, I&I & Energy) Department
The Law Department.
The PS to Spl.CS to CM.
The OSD to Minister (Mines & Geology)
The PS to Secy. to Govt (Mines)
SF/SC (C.No: 2791129)

//FORWARDED :: BY ORDER//

SECTION OFFICER

Seigniorage Fee conversion factors from Rs/MTonne to Rs/Cum & Vice versa (adopted from G.O.MS.No.11, Dt.11.02.2020)			
SI No	**Material**	**Rs/MT to Rs/M3**	**Rs/M3 to Rs/MT**
1	Building stone	1.500	0.667
2	Chalcedony Pebbles	1.500	0.667
3	Manufactured Sand	1.500	0.667
4	Marble	2.500	0.400
5	Morrum/ Gravel & Ordinary Earth	1.500	0.667
6	Ordinary Sand	1.515	0.660
7	Rehmati	1.400	0.714
8	Road Metal & Ballast	1.500	0.667
9	Rough Stone/ Boulders	1.500	0.667
10	Shingle	1.500	0.667
11	**Black Galaxy Granite Variety**		
	Super Gang Saw equal and above 300cmx180cm size	3.251	0.308
	Mini Gang Saw equal and above 270cmx150cm size	3.257	0.307
	Below 270cmx150cm size	3.255	0.307
	Below 75cm size	3.229	0.310
12	**Black Galaxy other than Granite Variety**		
	Super Gang Saw equal and above 300cmx180cm size	3.000	0.333
	Mini Gang Saw equal and above 270cmx150cm size	2.995	0.334
	Below 270cmx150cm size	3.000	0.333
	Below 75cm size	2.987	0.335
13	**Colour Granite,Srikakulam blue, moon white, River white of Visakhapatnam Dist., Leptinites of coastal Dist., Black pearl of Prakasam & Guntur Dist.,**		
	Super Gang Saw equal and above 300cmx180cm size	2.749	0.364
	Mini Gang Saw equal and above 270cmx150cm size	2.751	0.363
	Below 270cmx150cm size	2.755	0.363
	Below 75cm size	2.738	0.365
14	**Colour Granite of other varieties**		
	Super Gang Saw equal and above 300cmx180cm size	2.741	0.365
	Mini Gang Saw equal and above 270cmx150cm size	2.744	0.364
	Below 270cmx150cm size	2.754	0.363
	Below 75cm size	2.738	0.365
15	**Kuppam Grey Granite available in Santhipuram &Ramakuppam mandals of Chittoor District**		
	Super Gang Saw equal and above 300cmx180cm size	2.750	0.364
	Mini Gang Saw equal and above 270cmx150cm size	2.750	0.364
	Below 270cmx150cm size	2.750	0.364
	Below 75cm size	2.750	0.364
16	**Chittoor Colour Granite (Other than Silver-waves, Madanapalli white and Iscon white)**		
	Super Gang Saw equal and above 300cmx180cm size	2.750	0.364
	Mini Gang Saw equal and above 270cmx150cm size	2.750	0.364
	Below 270cmx150cm size	2.750	0.364
	Below 75cm size	2.750	0.364