

Estimate Excel Format 001

ZILLA PARISHAD

ZILLA PARISHAD WORKS DIVISION ,.....

ESTIMATE

Name of work : CONSRUCTION OF COMPOUND WALL AT
VILLEGE.....,To, DIST

INSTITUTE Of INFORMATION Technology

Under ;- D.P.D.C FUND YEAR 2017-18.

ESTIMATE COST :- 14.00 LAKHS

ZILLA PARISHAD (W) SUB-DIVISION

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GOVERNMENT PROJECT ESTIMATION

Every Estimate Contains:

1	Cover Page
2	Appendix C
3	General Report
4	General Abstract / Recapitulation Sheet
5	Abstract
6	Measurement Sheet
7	Royalty Statement
8	Rate Analysis
9	Lead Chart
10	Quarry Chart
11	Drawing

- ⦿ Training will be given on Excel & Estimating Software
- ⦿ Formats Provided of various estimates in Excel as well as in Estimating Software
- ⦿ Every Month 3 Days Batch is there at Pune.

Limited Seat Batch : For More details Contact:

91 12078538

For Government Estimate Training Contact: 8767930930

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGETO
DIST.....

FUND HEAD SHEET

DIVISION :- **Z.P.WORKS DIVISION**

SANCTIONED ESTIMATE No. :-

FUND HEAD :-

Under ; - D.P.D.C FUND YEAR 2017-18.

MAJOR HEAD :-

MINOR HEAD :-

SERVICE HEAD :-

DEPARTMENTAL HEAD :-

Estimate framed in the Office of the Executive Engineer, Works Division, of the probable expenses that will be incurred in

**Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGE.....,TO
.....DIST.....**

Rs. 1400000

Administrative Approved under

No. Dated Rs.

Technical sanction under

No. Dated Rs.

Estimated prepared by :-
Sectional Engineer

In the office of the
Sub-Divisional Engineer,
Z.P.W.Sub-Divn

And checked by :-
Deputy Engineer

! Call or Authority !

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGE
.....TO....., DIST.....

GENERAL REPORT.

The Estimate for CONSRUCTION OF COMPOUND WALL AT VILLEGE
.....TO....., DIST..... has prepared. Under Under
:2515.Fund 2016-17.The Total estimate cost for this work is
comes **Rs 14.00 lakh** While preparing this estimate following
items are consider-

- 1) Excavation for column footing upto hard murumhas been taken.
- 2) Below footing M-10 CC bed provided for 20 cm thick & R.C.C.M 20 footing of Square & taper Shape is provided.
- 3) R.C.C. M 20 Column upto 1.50 m above Gr. level is provided.
- 4) R.C.C. M 20 Beams are provided at plinth level .
- 5)Providing and fixing in position H.Y.S.D. bar reinforcement of various diameter.
- 6) Brick masonry in CM 1:6 is provided for plinth .
- 7) Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions.
- 8) Providing and fixing 50 mm. diameter B class galvanized iron pipe gate.
- 9) Water proof cement paint for externally is provided.

For this estimate Parbhani S.S.R. for year 2017-18 is used & all material has been consider from approved quarries.

Sectional Engineer
Z.P.W.Sub- Division Gangakhed

Deputy Engineer
Z.P.W.Sub- Division Gangakhed

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGE
.....TO....., DIST.....

GENERAL ABSTRACT

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(A)	COST OF COMPOUND WALL	Rs.	0.00
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(B)	<i>Add For G.S.T.12% Charges.</i>	0.00 Rs.	0
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(D)	Add L.s.Charges	Rs.	1400000
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GRAND TOTAL		Rs.	<u>1400000.00</u>
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Sectional Engineer
Z.P.W.Sub- Division Gangakhed

Deputy Engineer
Z.P.W.Sub- Division Gangakhed

Civil ENGINEERING
INSTITUTE Of INFORMATION TECHNOLOGY

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGETO.....,
DIST.....

ABSTRACT-C.W.

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Manual Means Spec. No. : Bd.A 1 Page No.259 DSR.I.No. 21.02P.No.				
	RATE ANALYSIS			PerCu.M.	0.00
2	Excavation for foundation in hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m) By Manual Means Spec. No. :Bd.A.2 Page No. 259 DSR.I.No. 21.10 P.No.92				
	RATE ANALYSIS			PerCu.M.	0.00
3	Providing and laying in situ, cement concrete in M10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork,compacting and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer, With natural sand.Spec.No. :Bd.E.1 Page No.287 DSR.I.No.24.01 Page.No.111				
	RATE ANALYSIS			PerCu,M.	0.00
4	Providing and laying in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) Spec. No. : Bd.F.3 Page No 298				
	RATE ANALYSIS			PerCu.M.	0.00

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ABSTRACT-C.W.

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
5	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) Spec. No. : Bd.F.5 Page No. 300.				
	RATE ANALYSIS			PerCu.M.	0.00
6	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete beams and lintels as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement). Spec. No. : Bd.F.6 Page No. 300.				
	RATE ANALYSIS			PerCu.M.	0.00
7	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.Spec.No. :Bd.F.17 Page No.147 No.306..DSR.I.No.26.33				
	RATE ANALYSIS			PerM.T.	0.00
8	Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete.Spec.No. :Bd.G.3 Page No.314.DSR.I.No.27.03 Page.No.162				
	RATE ANALYSIS			PerCu.M.	0.00
9	Providing and fixing 50 mm. dia. medium class G.I.pipe gate with wicket gate of approved drawing with all fixtures and fittings in two leaves with strong hold fast embedded in c.c. block at top and bottom with locking arrangement including cutting, bending, making holes and with one coat of primer etc. complete.Spec.No. :As directed by Engineer in charge. DSR I No. 27.05 Page No. 175				

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ABSTRACT-C.W.

SR. NO.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
	RATE ANALYSIS			PerSq.M.	0.00
10	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.Spec.No. :Bd.L.7 Page No.369.DSR.I.No.32.11 Page.No.177				
	RATE ANALYSIS			PerSq.M.	0.00
11	Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to old plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.DSR.I.No.35.				
	RATE ANALYSIS			PerSq.M.	0.00
			TOTAL Rs.		0.00
13	ROYALTY CHARGES				0.00
			TOTAL Rs.		0.00

Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division

Civil ENGINEERING

INSTITUTE Of INFORMATION TECHNOLOGY

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGE
TO....., DIST.....

MEASUREMENT SHEET.-C.W.

SR. NO.	DESCRIPTION OF ITEM	NO	L	B	D	QUANTITY
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Manual Means Spec. No. : Bd.A 1 Page No.259 DSR.I.No. 21.02P.No.					
	FOR COLUMN	0	1.20	1.20	0.60	0.00
	FOR Gate COLUMN	2	1.50	1.50	0.60	2.70
	FOR BEAM	1	3.00	0.60	0.60	1.08
	TOTAL QUANTITY					3.78
2	Excavation for foundation in hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m) By Manual Means Spec. No. :Bd.A.2 Page No. 259 DSR.I.No. 21.10 P.No.92					
	FOR COLUMN	0	1.20	1.20	1.40	0.00
	FOR Gate COLUMN	2	1.50	1.50	1.40	6.30
	TOTAL QUANTITY					6.30
3	Providing and laying in situ, cement concrete in M10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork, compacting and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer, With natural sand.Spec.No. :Bd.E.1 Page No 287 DSR I No 24 01 Page No 111					
	BELOW FOOTING	0	1.20	1.20	0.20	0.00
	FOR Gate COLUMN	2	1.50	1.50	0.20	0.90
	FOR BEAM	1	3.00	0.60	0.20	0.36
	TOTAL QUANTITY					1.26

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MEASUREMENT SHEET.-C.W.

SR. NO.	DESCRIPTION OF ITEM	NO	L	B	D	QUANTITY
4	Providing and laying in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) Spec. No. : Bd.F.3 Page No.					
	FOR FOOTING SQUARE PORTION	0	1.20	1.20	0.15	0.00
	FOR TAPERED PORTION					
	41*0.25/6*3*((120*1.20)+(0.23*0.35))					0.00
	TOTAL QUANTITY					0.00
	For Gate Column					
	FOR FOOTING SQUARE PORTION	2	1.20	1.20	0.15	0.43
	FOR TAPERED PORTION					
	2*0.25/6*3*((1.20*1.20)+(0.23*0.35))					0.38
	TOTAL QUANTITY					0.81
5	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) Spec. No. : Bd.F.5 Page No. 300.					
	FOR COLUMN	0	0.23	0.35	3.20	0.00
	TOTAL QUANTITY					0.00
	For Gate Column					
		4	0.23	0.35	3.20	1.03
	TOTAL QUANTITY					1.03
6	Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete beams and lintels as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement). Spec. No. : Bd.F.6 Page No. 300.					
	FOR PLINTH BEAM PB1	-1	2.40	0.23	0.30	-0.17
	TOTAL QUANTITY					-0.17
	FOR PLINTH BEAM PB1 For Kaman	2	3.00	0.23	0.30	0.41
	TOTAL QUANTITY					0.41

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MEASUREMENT SHEET.-C.W.

SR. NO.	DESCRIPTION OF ITEM	NO	L	B	D	QUANTITY
7	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.Spec.No. :Bd.F.17 Page No.306..DSR.I.No.26.33 Page.No.142. FOR FOOTING FOR COLUMN FOR BEAM & LINTEL					
			0.81 @		70	0.06
			1.03 @		90	0.09
			0.25 @		90	0.02
			TOTAL QUANTITY			0.17
8	Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete.Spec.No. :Bd.G.3 Page No.314.DSR.I.No.27.03 Page.No.162					
	Deduct For Gate	-1	2.40	0.23	1.50	-0.83
		-1	3.00	0.23	1.50	-1.04
			TOTAL QUANTITY			-1.86
9	Providing and fixing 50 mm. dia. medium class G.I.pipe gate with wicket gate of approved drawing with all fixtures and fittings in two leaves with strong hold fast embedded in c.c. block at top and bottom with locking arrangement including cutting, bending, making holes and with one coat of primer etc. complete.Spec.No. :As directed by Engineer in charge. SSR.I.No.23.05 Page.No.175 For Gate					
		1	3.00		1.50	4.50
			TOTAL QUANTITY			4.50
10	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.Spec.No. :Bd.L.7 Page No.369.DSR.I.No.32.11 Page.No.177 FOR INTERNAL & EXTERNAL					
		2	0.00		1.80	0.00
			TOTAL QUANTITY			0.00

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MEASUREMENT SHEET.-C.W.

SR. NO.	DESCRIPTION OF ITEM	NO	L	B	D	QUANTITY
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11 Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to old plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.DSR.I.No.35.

AS PER PLASTER QTY

0.00

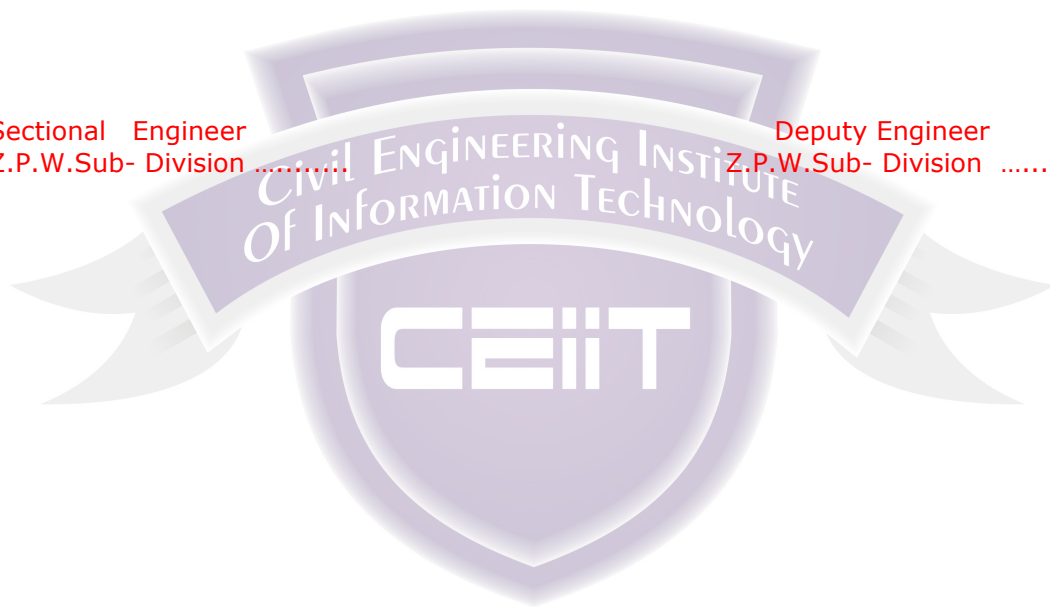
0.00

TOTAL QUANTITY

0.00

Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division



Civil ENGINEERING
INSTITUTE Of INFORMATION TECHNOLOGY

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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGETO....., DIST.....

RATE ANALYSIS.

SR. NO.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Manual Means Spec. No. : Bd.A 1 Page No.259 DSR.I.No. 21.02P.No.			
(A)	Rate as per SSR 2017-18 w.e.f.22-9-17			125.00
(B)	Deduct 3% of Labour amenities/cess/Insurance	-0.03	125.00	-3.75
(C)	Sub Total (C=A-B)			121.25 PerCu.M.
(D)	Add 3% of Labour amenities/cess/Insurance Deducted as (B.)			3.75
	TOTAL RATE Rs.			125.00 PerCu.M.
2	Excavation for foundation in hard murum including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5 to 3.0m)			
(A)	Rate as per SSR 2017-18 w.e.f.22-9-17			156.00
(B)	Deduct 3% of Labour amenities/cess/Insurance	-0.03	156.00	-4.68
(C)	Sub Total (C=A-B)			151.32 PerCu.M.
(E)	Add 3% of Labour amenities/cess/Insurance Deducted as (B.)			4.68
	TOTAL RATE Rs.			156.00 PerCu.M.
3	Providing and laying in situ, cement concrete in M10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork, compacting and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer, With natural sand. Spec.No. :Bd.E.1 Page No.287 DSR.I.No.24.01 Page.No.111			
(A)	Rate as per SSR 2017-18 w.e.f.22-9-17			3181.00
	Total Rate	-0.06	3181.00	-190.86
				2990.14
(B)	Deduct 3% of Labour amenities/cess/Insurance	-0.03	2990.14	-89.70
(C)	Deduct Royalty Charges Of Sand	-0.45000	141.34	-63.60
(D)	Sub Total (D=A-B-C)			2836.84 PerCu.M.
(E)	Add Trasportation Of Material Assuming 50 km lead for Metal,Sand and 0km Lead For Cement			
	ADD LEAD CHARGES FOR SOLING	0.90	369.57	332.61
	ADD LEAD CHARGES FOR SAND	0.45	302.28	136.03

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RATE ANALYSIS.

SR. NO.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
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	ADD LEAD CHARGES FOR CEMENT	0.22	263.56	57.98
(F)	Add 3% of Labour amenities/cess/Insurance Deducted as (B.)			89.70
			TOTAL RATE Rs.	3453.16 PerCu.M.

- 4 Providing and laying in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete work in foundation like raft, grillages, strip foundation and footings of reinforced cement concrete columns and steel stanchion including bailing out water, form work, compaction and finishing, curing etc. complete. (Excluding steel reinforcement and structural steel) Spec. No. : Bd.F.3 Page No. 298.

(A)	Rate as per SSR 2017-18 w.e.f.22-9-17			4501.00
(B)	Deduct 3% of Labour amenities/cess/Insurance	-0.03	4501.00	-135.03
(C)	Deduct Royalty Charges Of Sand	0.390	141.34	55.12
(D)	Sub Total (D=A-B-C)			4421.09
(E)	Add Transportation Of Material Assuming 50 km lead for Metal,Sand and 0km Lead For Cement			
	ADD LEAD CHARGES FOR SOLING	0.78	369.57	288.26
	ADD LEAD CHARGES FOR SAND	0.39	302.28	117.89
	ADD LEAD CHARGES FOR CEMENT	0.38	263.56	100.15
(F)	Add 3% of Labour amenities/cess/Insurance			135.03
			TOTAL RATE Rs.	5062.42 PerCu.M.

- 5 Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete columns as per detailed designs and drawing, or as directed including centering, formwork, compacting and finishing the form surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement) Spec. No. : Bd.F.5 Page No. 300.

(A)	Rate as per SSR 2017-18 w.e.f.22-9-17			5560.00
(B)	Deduct 3% of Labour amenities/cess/Insurance	-0.03	5560.00	-166.80
(C)	Deduct Royalty Charges Of Sand	-0.39	141.34	-55.12
(D)	Sub Total (D=A-B-C)			5338.08
(E)	Add Transportation Of Material and 0km Lead For Cement			
	ADD LEAD CHARGES FOR METAL	0.78	369.57	288.26
	ADD LEAD CHARGES FOR SAND	0.39	302.28	117.89
	ADD LEAD CHARGES FOR CEMENT	0.38	263.56	100.15
(F)	Add 3% of Labour amenities/cess/Insurance			166.80
			TOTAL RATE Rs.	6011.18 PerCu.M.

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RATE ANALYSIS.

SR. NO.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
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- 6 Providing and casting in situ cement concrete M-20 of trap/ granite/ quartzite/ gneiss metal for reinforced cement concrete **beams and lintels** as per detailed designs and drawings, or as directed including, centering, form work, compaction and roughening the surface if special finishing to be provided and curing etc. complete. (Excluding reinforcement). Spec. No. : Bd.F.6 Page No. 300.

(A) Rate as per SSR 2017-18 w.e.f.22-9-17				5832.00
(B) Deduct 3% of Labour amenities/cess/Insurance	-0.03	5832.00		-174.96
(C) Deduct Royalty Charges Of Sand	-0.390	141.34		-55.12
(D) Sub Total (D=A-B-C)				5601.92

- (E) Add Transportation Of Material Assuming 50 km lead for Metal,Sand and 0km Lead For Cement**

ADD LEAD CHARGES FOR METAL	0.78	369.57		288.26
ADD LEAD CHARGES FOR SAND	0.39	302.28		117.89
ADD LEAD CHARGES FOR CEMENT	0.38	263.56		100.15

- (F) Add 3% of Labour amenities/cess/Insurance Deducted as (B.)**

TOTAL RATE Rs. 6283.18 PerCu.M.

- 7 Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.Spec.No. :Bd.F.17 Page No.306..DSR.I.No.26.33 Page.No.142.

(A) Rate as per SSR 2017-18 w.e.f.22-9-17				46309.00
(B) Deduct 3% of Labour amenities/cess/Insurance	-0.03	46309.00		-1389.27
				44919.73

ADD LEAD CHARGES FOR STEEL	1.00000	263.56		263.56
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- (E) Add 3% of Labour amenities/cess/Insurance Deducted as (B.)**

TOTAL RATE Rs. 46572.56 PerM.T.

- 8 Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete.Spec.No. :Bd.G.3 Page No.314.DSR.I.No.27.03 Page.No.162

(A) Rate as per SSR 2017-18 w.e.f.22-9-17				4483.00
(B) Deduct 3% of Labour amenities/cess/Insurance	-0.03	4483.00		-134.49

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RATE ANALYSIS.

SR. NO.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
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(C) Deduct Royalty Charges Of Sand -0.270 141.34 -38.16

(D) **Sub Total (D=A-B-C)** **4310.35**

ADD LEAD CHARGES FOR BRICKS 1.000 527.12 527.12

ADD LEAD CHARGES FOR SAND 0.270 302.28 81.62

ADD LEAD CHARGES FOR CEMENT 0.072 263.56 18.98

(F) Add 3% of Labour amenities/cess/Insurance Deducted as (B.) 134.49

TOTAL RATE Rs. 5072.56 PerCu.M.

9 Providing and fixing 50 mm. dia. medium class G.I.pipe gate with wicket gate of approved drawing with all fixtures and fittings in two leaves with strong hold fast embedded in c.c. block at top and bottom with locking arrangement including cutting, bending, making holes and with one coat of primer etc. complete.Spec.No. :As directed by Engineer in charge. SSR.I.No.23.05 Page.No.175

(A) **Rate as per SSR 2017-18 w.e.f.22-9-17** 4550.00

(B) Deduct 3% of Labour amenities/cess/Insurance -0.03 4550.00 -136.50

(C) **Sub Total C=A-B** **4413.50**

(D) Add 3% of Labour amenities/cess/Insurance Deducted as (B.) 136.50

TOTAL RATE Rs. 4550.00 PerSq.M.

10 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.Spec.No. :Bd.L.7 Page No.369.DSR.I.No.32.11 Page.No.177

(A) **Rate as per SSR 2017-18 w.e.f.22-9-17** 509.00

(B) Deduct 3% of Labour amenities/cess/Insurance -0.03 509.00 -15.27

(C) Deduct Royalty Charges Of Sand -0.025 141.34 -3.53

(C) **Sub Total (C=A-B)** **490.20**

ADD LEAD CHARGES FOR SAND 0.025 302.28 7.56

ADD LEAD CHARGES FOR CEMENT 0.011 263.56 2.90

D) Add 3% of Labour amenities/cess/Insurance Deducted as (B.) 15.27

TOTAL RATE Rs. 515.93 PerSq.M.

11 Providing and applying two coats of water proof cement paint of approved manufacture and of approved colour to old plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete.DSR.I.No.35.

(A) **Rate as per SSR 2017-18 w.e.f.22-9-17** 49.00

(B) Deduct 3% of Labour amenities/cess/Insurance -49.00 3.00 -1.47

(C) **Sub Total (C=A-B)** **47.53**

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RATE ANALYSIS.

SR. NO.	DESCRIPTION OF ITEM	QTY.	NET LEAD CHARGES	RATE
---------	---------------------	------	------------------	------

D) Add 3% of Labour amenities/cess/Insurance Deducted as (B.) 1.47

TOTAL RATE Rs. 49.00 PerSq.M.

Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division



Civil Engineering
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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGETO....., DIST.....

LEAD CHART

SR. NO.	MATERIAL	LOCATION OF QUARRY	LEAD IN KM.	LEAD CHARGES	INITIAL LEAD CHARGES	NET LEAD CHARGES.
1	SAND		24.00	302.28		302.28
2	SOLING		22.00	369.57		369.57
3	BELOW 40MM METAL		22.00	281.29		281.29
4	BRICKS		22.00	527.12		527.12
5	CEMENT		22.00	263.56		263.56
6	STEEL		22.00	263.56		263.56
7	METAL		22.00	281.29		281.29
			5.00			

Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division

Civil ENGINEERING
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Name of work : CONSTRUCTION OF COMPOUND WALL AT VILLEGE
TO....., DIST.....

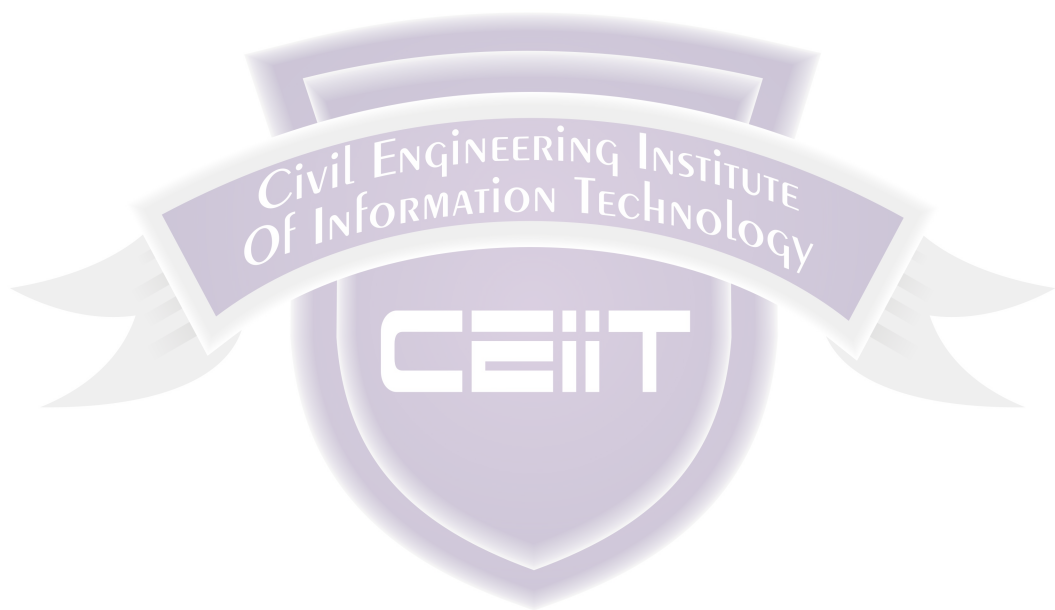
ROYALTY STATEMENT

SR.NO	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	TOTAL AMOUNT
1	Providing and laying in situ, cement concrete in M10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, formwork, compacting and curing complete, with fully automatic micro processor based PLC with SCADA enabl	0.00			
	(0.90+0.45)=1.35	0.00	141.34	PerCu.M.	0.00
2	Providing and laying in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc including bailing	0.00			
	(0.78+0.39)=1.17	0.00	141.34	PerCu.M.	0.00
3	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including centering, formwork, cover blocks, lavina/pumping. compaction finis	0.00			
	(0.78+0.39)=1.17	0.00	141.34	PerCu.M.	0.00
4	Providing and laying Cast in situ/Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including centering, formwork, cover blocks, laying/pumping, compa	0.00			
	(0.78+0.39)=1.17	0.00	141.34	PerCu.M.	0.00
7	Providing second class Burnt Brick masonry with conventional/I.S. type bricks in cement mortar 1:6 in plinth as backing in composite masonry including bailing out water manually, striking joints, raking out joints and watering etc Complete Spec No :Bd G	0.00			
	0.27	0.00	141.34	PerCu.M.	0.00
10	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days a	0.00			
	0.0250	0.00	141.34	PerCu.M.	0.00
TOTAL Rs.					0.00

Sectional Engineer
Z.P.W.Sub- Division Gangakhed

Deputy Engineer
Z.P.W.Sub- Division Gangakhed

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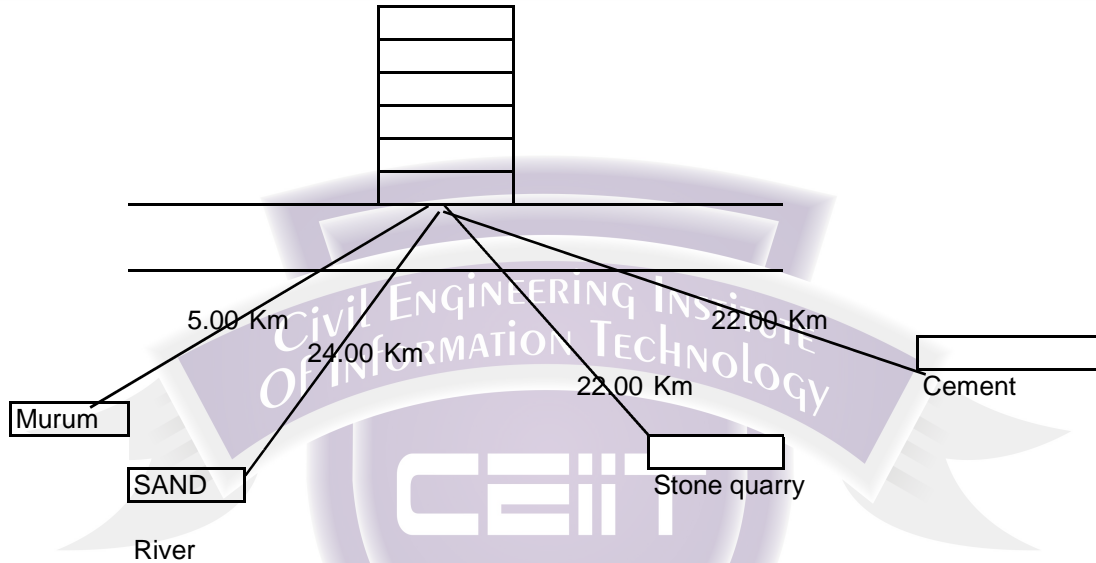


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Name of work : CONSRUCTION OF COMPOUND WALL AT VILLEGE
.....TO....., DIST.....

QUARRY CHART



CERTIFICATE

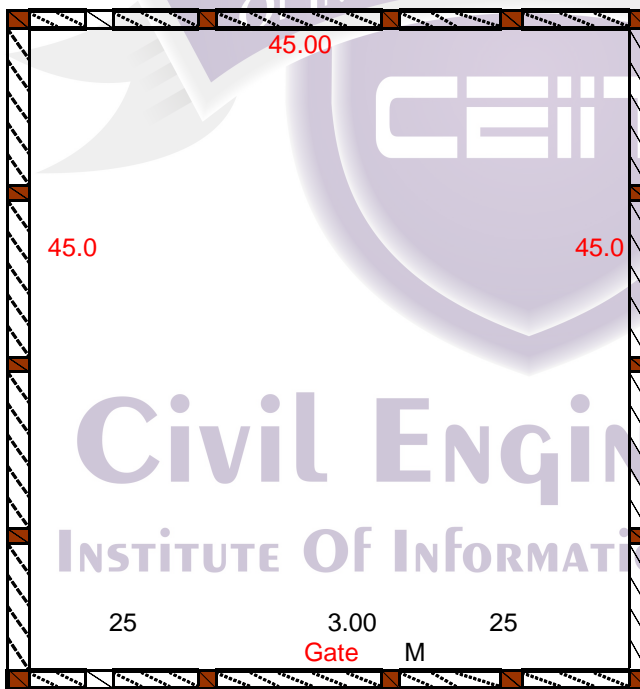
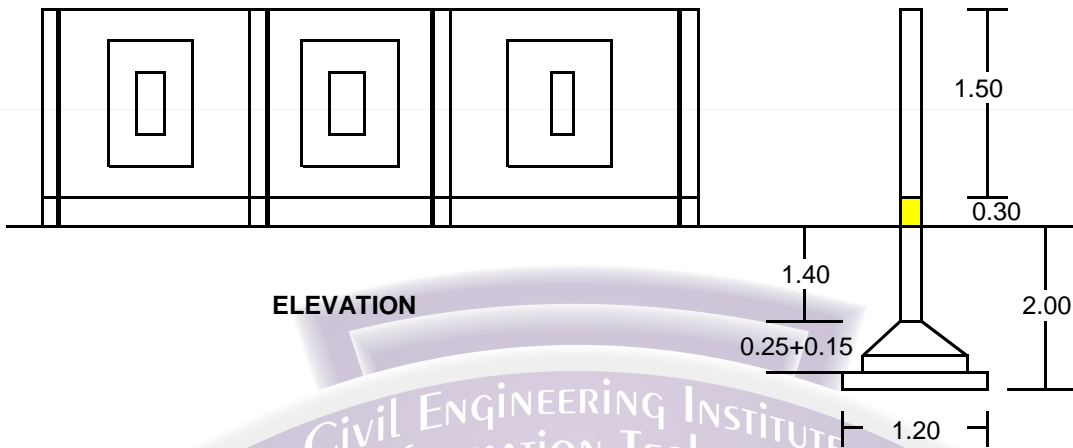
- 1) Certified that the Quarries shown on the Quarry Chart for stone, hard murum, soft murum sand etc. are inspected by me and they are nearest and economical to this works and contain Suficient and good quality of the material for this work.
- 2) Certified that the lead for quarries shown and accounted the estimate is as per nearest root.
- 3) Certified that the leds considered are found to be correct.

Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division

Estimate Excel Format 001

Name of work : CONSTRUCTION OF COMPOUND WALL AT VILLEGE
.....TO....., DIST.....



Sectional Engineer
Z.P.W.Sub- Division

Deputy Engineer
Z.P.W.Sub- Division.....

PLAN

ZP, पंचायत समिती, ग्रामपंचायत, आमदार फंड, खासदार फंड, व इतर गव्हर्नमेंट च्या कामाचे estimate बनवायची 3 दिवसाची प्रशिक्षण कार्यशाळा **On Software**

खालील जास्तीत जास्त कामांचे एस्टीमेट करायचे शिकवले जाईल तसेच 20 पेक्षा जास्त तयार estimate चे फॉर्मट तुम्हाला दिले जातील.

1. कंपाऊंड वॉल बांधणे
2. Concrete रोड करणे
3. Paving ब्लॉक बसवणे
4. डांबरीकरण करणे
5. खडी मुरुमाचा रस्ता करणे
6. हॉटमिक्स डांबरीकरण करणे
7. गटर बांधणे
8. पाण्याच्या टाक्या बांधणे
9. सांस्कृतिक हॉल बांधणे
10. स्मशान भूमी बांधणे
11. टॉयलेट बांधणे
12. स्ट्रीट लाईट पोल उभा करणे
13. High मास्ट उभारणे
14. RCC पाईप drainage लाईन टाकणे
15. रस्ते मेन्टेनन्स ची कामे
16. घरकुल योजना
17. झाडांना जाळी बसवणे
18. व इतर कामे

आमच्या कडील सपोर्ट:

तुम्हाला जो पर्यंत जमणार नाही, तो पर्यंत तुमची estimate चेक करून दिली जातील.

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