

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

JHABUA POWER LTD.
CIN NO: U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd, P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

**NOTICE INVITING TENDER / INVITATION FOR BIDS
FOR**

“Annual Maintenance Contract (AMC) for Horticulture Development & Landscaping works at Jhabua Power Limited”
(Domestic Competitive Bidding)

NIT/ Enquiry No.: JPL/C&M/Contracts/NIT/2023/001; Dated: 05.05.2023

Employer invites Bids on SINGLE STAGE-THREE ENVELOPE bidding basis Envelope-I: Techno-Commercial Bid, Envelope-II: Price Bid from eligible bidders for “Annual Maintenance Contract (AMC) for Horticulture Development & Landscaping works at 1X600 MW Jhabua Power Limited, Seoni” as per the Scope of Work mentioned hereinafter and Envelope-III: Payment advice for EFT towards EMD & purchase of bid document.

Special Note – 1 – Date & time for price bid opening shall be intimated to technically qualified bidder only after QR evaluation.

1. BRIEF SCOPE OF WORK:

The brief scope of work under this package shall include the following: **“Annual Maintenance Contract (AMC) for Horticulture Development & Landscaping works at 1X600 MW Jhabua Power Limited, Seoni, MP “Brief Description of NIT:**

Tender Ref No / Tender ID	JPL/C&M/Contracts/NIT/2023/001; Dated: 05.05.2023
Form of Contract/Tender Category	Services*
Type Of Bidding	SINGLE STAGE-THREE ENVELOPE
Document Download Start Date	12.05.2023
Source of IFB/NIT	Not Applicable
Clarification Start Date	13.05.2023
Clarification End Date	20.05.2023
Bid Submission Start Date	Not Applicable

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

Bid Submission End Date & Time	23.05.2023
Technical Bid Opening Date	25.05.2023
Technical Bid Opening Date	Shall be intimated to qualified Vendors
Cost of Bidding Documents in INR(Non-Refundable)	Rs.900 +18% GST
EMD amount (Refundable)	INR 1 Lakh
Benefit of MSME	Not Applicable
Date for submission of bid shall not be extended.	

3.0 Qualifying requirements:

A. Bidder should have executed the similar work(s) during last seven (07) years as on the date of techno commercial bid opening for either of the following values:
Single work costing not less than **INR 67.23** lakhs excluding GST.

OR

Two works each costing not less than **INR 42.06** lakhs excluding GST.

OR

Three works each costing not less than **INR 33.65** lakhs excluding GST.

B. Average annual turnover of the bidder in the preceding Three (03) financial years as on the date of techno commercial bid opening should not be less than **INR 84.12 Lakhs.**

C. The Bidding Company shall mandatorily have experience of executing Horticulture related works

D. Proof of payment of Tender fees to be given in Envelope. This shall be UTR number in case of Bank Transfer.

E. Interest free refundable EMD of INR 1 Lakh in form of EFT in favor of Jhabua Power Limited, payable at Jabalpur is required to be submitted along with the Bid, failing which the bid shall be disqualified.

Note:

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

i. Definition of Similar Work: For definition of similar works, orders placed along with completion certificate for job of Industrial Horticulture and landscaping works / Civil Construction Works / Gardening works, under Central Govt. Dept./State Govt. Dept./ Semi Govt. Dept. or PSU/Autonomous Body or under Limited Company of National/International repute shall be considered.

ii. The word 'executed' means the bidder should have achieved the criteria specified in the above QR as below:

Case I: The work is started earlier (prior to the period stipulated in QR) but completed within the stipulated period, in such cases, entire value of the relevant work vide that work order shall be considered for evaluation.

Case II: The work is started earlier (prior to the period stipulated in QR) and was under execution beyond the stipulated period, in such cases, executed value of the relevant work vide that work order shall be considered for evaluation

Case III: The work is started and completed within the stipulated period, in such cases, entire value of the relevant work vide that work order shall be considered for evaluation.

Case IV: The work is started within the stipulated period but not completed as on the last date of stipulated period. In such case, the "in progress" executed value of relevant work vide that work order as on the last date of stipulated period shall be considered for evaluation.

iii. Any of the above cases shall be supported by the documentary evidence of having executed the work / appropriate documentary evidence of delivery directly under contract with the owner company of the project.

Here owner means the entity which has the original requirement of the work referred and is not a contractor to any other contractor for the reference work.

However sub-contractor / sub vendor approved by the owner of the project shall also be considered subject to submission of documentary evidence issued by Owner.

In case the work is awarded by "Government Institutes / Government agencies / Government departments / SPSEs / CPSEs on behalf of owner, confirmation from such Government Institutes / Government agencies / Government departments / SPSEs / CPSEs shall be sufficient.

iv. Other income shall not be considered for arriving at annual turnover.

v. In case where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the Certificate from practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a Certificate would be required from the CEO/CFO as per the format enclosed in the bid documents stating that the financial results of the Company are under audit as on the date of Techno-commercial bid opening and the

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

S. No.	Attachment	Description	Applicable / Not Applicable
10	Attachment-8	Details along with copy of PF and ESI Registration, PAN and GST Reg.	Applicable
11	Attachment-9	Declaration Regarding GST	Applicable
12	Attachment-10	Technical Compliance i.e. Scope of Work, (Section-V)	Applicable
13	Attachment-11	Integrity Pact	Not Applicable
14	Attachement-12	Declaration of No Deviation Certificate	Applicable
15	Attachement-13	Declaration of Compliance of Qualifying Requirement	Applicable
16	Attachement-14	Acceptance of Banning Policy	Applicable
17	Attachement-15	Acceptance of Fraud Prevention Policy	Applicable
18	Attachement-16	Acceptance of NTPC Safety Rules and Standard Safety Rules as per Tender Documents	Applicable
19	Attachement-17	Declaration of Local Content	Not Applicable

4.0 All bids must be accompanied by Bid Security for an amount equivalent to INR 1,00,000/- (Indian Rupees One Lakh Only) and cost of Tender document as INR 900.00/- (Indian Rupees Nine hundred only) + GST @ 18%

"ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY AND COST OF TENDER DOCUMENT IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND SHALL NOT BE OPENED. IN CASE, THE BID SECURITY AND COST OF TENDER DOCUMENT IS SUBMITTED THROUGH ELECTRONIC FUND TRANSFER (EFT), BIDDER TO SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY AND COST OF TENDER DOCUMENT EITHER IN SEPARATE SEALED ENVELOPE."

4.1 The bid security shall be submitted through EFT. Bank details are as follows:

Details for remittance of EMD/Cost of bid document by Bidder:

Account Name	Jhabua Power Ltd.
Bank Account No	910020006342241
Location	Sector-14, Near Huda Office, Gurgaon
Bank	Axis Bank
Branch	Sector-14, Branch Code-0056

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

ISFC Code	UTIB0000056
MICR Code	
Type of A/c	O&M Exp. Payment A/C

Bank charges to be borne by remitter.

While carrying out online transfer, Bidders shall ensure to enter “EMD & COST OF TENDER DOCUMENT - Tender No.-Vendor Name” in the Text / Remarks / Reason Field. Bidder shall intimate the details of same through email to concerned C&M department along with Payment Receipt in the following format:

Declaration for EMD/Cost of Bid document

Tender No.:

Vendor Name:

UTR Reference:

Amount:

Date of Transfer:

Transferor Bank:

(Signature of Vendor with Seal)

2. Bidders are required to submit (i) EMD Declaration copy sent to JPL(ii) Authority to Sign Bid (iii) Legal Status of Bidder (iv) Integrity Pact under the technical cover.

3. Clarification on bidding documents:

Bidder shall put the query by email prior to the clarification end date. EMPLOYER will respond to any request for clarification or modification of the bidding documents that it receives within the time line specified.

EMPLOYER will post the Clarifications under Clarification/Corrigendum by email. Bidders can view these clarifications.

No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified above.

4. Issuance of Bidding Documents to any Bidder shall not construe that such Bidder is considered qualified.

5. Transfer of Bidding Documents by one intending Bidder to another is not permissible.

6. Address for Communication and submission of Bid:

NOTICE INVITING TENDER / INVITATION FOR BIDS (SECTION-I)

**Jhabua Power Ltd.
(A Joint Venture of NTPC Ltd.)
Village - Barela,
Tehsil - Ghansore,
District - Seoni (Madhya Pradesh)
Pin - 480997**

All query and clarifications shall be sent to E-mail - sibasish.gautam@jhabuapower.co.in

7. URL Address for downloading Bid Documents in PDF form
Given in Newspaper Ad.



Jhabua Power Ltd
(A Joint Venture of NTPC Ltd)

SECTION – II INSTRUCTION TO BIDDERS (ITB)

INSTRUCTIONS TO BIDDERS
(ITB) TABLE OF CLAUSES (ITB)

S.NO.	DESCRIPTION	PAGE NO.
PART A-GENERAL		3
1.0	INTRODUCTION	3
2.0	SOURCE OF FUNDS.....	3
3.0	CONFLICT OF INTEREST	3
4.0	BIDDER'S SITE VISIT	3
PART B -BIDDINGDOCUMENTS		3
5.0	CONTENT OF BIDDING DOCUMENTS	3
6.0	CLARIFICATION OFBIDDING DOCUMENTS.....	5
7.0	PRE-BID CONFERENCE (<i>If specified in the NIT/Tender Enquiry</i>).....	5
8.0	ADDENDA/ CORRIGENDA/ AMENDMENTS TO BIDDING DOCUMENTS	6
PART C – PREPARATION OF BID		6
9.0	COST OF BIDDING	6
10.0	LANGUAGE OF BID AND UNITS OF MEASURE.....	6
11.0	DOCUMENTS COMPRISING THE BID	6
12.0	BID PRICES AND PRICE BASIS	12
13.0	BID VALIDITY	13
14.0	BID SECURITY / GUARANTEE /EARNESTMONEY.....	13
15.0	WORK SCHEDULE	14

PART D – SUBMISSION OF BID.....	14
18.0 DEADLINE FOR SUBMISSION OF BID	17
20.0 MODIFICATION, SUBSTITUTION AND WITHDRAWAL OF BID	17
PART E - BID OPENING AND EVALUATION	18
21.0 BID OPENING	18
23.0 EVALUATION AND COMPARISON OF BIDS.....	18
23.1 BID EVALUATION	18
PART F – AWARD OF CONTRACT	20
24.0 AWARD CRITERIA	20
25.0 EMPLOYER’S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS	20
26.0 LETTER OF AWARD	20
27.0 SIGNING OF CONTRACT AGREEMENT.....	20
28.0 INELIGIBILITY FOR FUTURE TENDERS	21
29.0 ADHERENCE TO FRAUD PREVENTION POLICY.....	21
30.0 DECLARATION ON BANNING POLICY	22
31.0 BENEFITS TO MSEs.....	22

INSTRUCTIONS TO BIDDERS (ITB)

NOTE:

A. SUBMISSION OF DOCUMENTS

S. No.	Content	Folder / Cover
1	Instrument of Tender Fee / Bid Security (EMD)	EMD Cover
2	All Documents regarding Qualifying Requirement, All Forms & Formats, Technical Documents(scope of works, Terms & Conditions), and other all documents in line with Tender Enquiry except Price Bid.	Technical Cover
3	Price Bid	Financial Cover

B. PHYSICAL SUBMISSION OF ORIGINAL DOCUMENTS:

- (i) Instrument of Tender Fee (As specified in NIT / Tender Enquiry)
- (ii) Instrument of Bid Security / EMD (As specified in NIT / Tender Enquiry)
- (iii) Authority to Sign / Power of Attorney

Note: Detail procedure for Physical Submission (in Sealed Envelope) of above documents is mentioned at Part-D of ITB.

PART A - GENERAL

1.0 INTRODUCTION

- 1.1 Jhabua Power Ltd., (here in after called “JPL” or “Employer”), wishes to receive bids for the Package named in NIT/IFB/Tender Enquiry.
- 1.2 Throughout these Bidding Documents, the term “Bid” and “Tender” and their derivatives (Bidder/Tenderer, Bidding/Tendering, Bidding Document/Tender Document, etc.); Bill of Quantity / Schedule of Quantity / Schedule of Quantities/ Bill of Quantities; Employer / JPL; Bid Security / Earnest Money Deposit; Security Deposit / Performance Security/ Performance Guarantee; Engineer-in-Charge / Engineer, appearing anywhere in the Bidding Documents shall have the same meaning and are synonymous to each other.

2.0 SOURCE OF FUNDS

Expenditure under this package is intended to be funded from internal resources.

3.0 CONFLICT OF INTEREST

- 3.1 Each Bidder shall submit only one bid either by himself, or as a partner in a joint venture or consortium, if so permitted in the Bidding Documents. A Bidder who submits or participates in more than one bid in this bidding will be disqualified from the bidding.
- 3.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates that has been engaged by the Employer to provide consultancy services for the preparation of the design, specifications, and other documents to be used for the execution of Works under this Invitation for Bids.

4.0 **BIDDER’S SITE VISIT:** The Bidders are advised to visit the Site to familiarize themselves with the nature and quantum of work and site condition and obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his tender. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

PART B - BIDDING DOCUMENTS

5.0 CONTENT OF BIDDING DOCUMENTS

The set of Bidding Documents issued for the purpose of bidding includes one set of the following, which should be read in conjunction with amendments, if any, issued in accordance with **ITB Clause 8.0** below.

Section

- | | |
|-----|---|
| I | Invitation for Bids (IFB)/Tender Enquiry/Notice Inviting Tender (NIT) |
| II | Instructions to Bidders(ITB) |
| III | General Conditions of Contract (GCC) |

- IV Special Conditions of Contract (SCC)**
- V Scope of Works and Terms & Conditions**
- VI Schedule of Quantities (SOQ) / Bill of Quantities (BOQ)**
- VII Forms and Procedures**

Transfer of Bidding documents purchased by one intending bidder to another is not permissible.

5.1 The Bidder is expected to examine all instructions, forms, terms, conditions and specifications in the Bidding Documents, before submission of his bid. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of such bid.

5.2 Qualifying Requirements:

The qualifying requirements for the tender are specified in the NIT / Tender Enquiry.

5.3 Documents in support of meeting Qualifying Requirements

Bidders are required to submit documents to satisfactorily establish their meeting the Qualifying Requirements stipulated in the tender.

5.4 Bid Drawings: (Refer Technical Specification for details).

The Bidder is requested to refer the Technical Specifications for the provisions in this regard.

6.0 CLARIFICATION OF BIDDING DOCUMENTS

A prospective Bidder requiring any clarification of the Bidding Document shall put the query under "Clarification" within 7 days from date of collection of Tender. EMPLOYER will respond to any request for clarification or modification of the bidding documents that it receives within the time line specified. Expected time lines for Employer to respond within 5 days.

Bidders must check the Clarifications issued before submission of Bid. Should the Employer deem it necessary to amend the Bidding Document as a result of a clarification.

7.0 PRE-BID CONFERENCE: Not Applicable

7.1 The Bidders are required to submit their questions/ clarifications/queries etc. in writing including by way of email from the registered email Id so as to reach the Employer at least 3 days before the due date.

8.0 ADDENDA/ CORRIGENDA/ AMENDMENTS TO BIDDINGDOCUMENTS

At any time prior to the deadline for submission of bids, EMPLOYER may, for any reason, whether at its own initiative, or in response to a clarification requested by a prospective Bidder, amend the bidding documents.

To give prospective Bidders reasonable time to take the amendment into account in preparing their bid, EMPLOYER may, at its discretion, extend the deadline for the submission of bids.

PART C - PREPARATION OF BID

9.0 COST OF BIDDING

9.1 The Bidder shall bear all costs associated with the preparation and submission of his bid and the Employer will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

10.0 LANGUAGE OF BID AND UNITS OF MEASURE

10.1 The bid and all correspondence and documents relating thereto exchanged by the Bidder and the Employer shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an appropriate translation of pertinent passages into English, in which case, for the purpose of interpretation of the bid such translations shall govern.

10.2 The units of measurement shall be metric system of measures, unless otherwise specified elsewhere.

11.0 DOCUMENTS COMPRISING THE BID

11.1 The bid submitted by the Bidder shall interalia comprise of the following documents:

- (a) Bid Form duly completed and signed by the Bidder, together with all Attachments identified in **ITB Sub-Clause 11.2** below.
- (b) Schedule of Quantities

11.2 Bidding procedure shall be as specified in the NIT // Enquiry Documents.

11.3 Each Bidder shall submit with his bid the following attachments:

11.3.1 **TECHNO-COMMERCIAL BID**

(a) Attachment 1: Bid Security (Envelop 1)

Bid Security shall be furnished in accordance with ITB Clause 14 in a separate sealed envelope. Bid not accompanied by the requisite Bid Security in a separate sealed envelope, or bid accompanied by Bid Security of insufficient value, shall not be entertained and in such case, the bid shall not be opened and rejected pursuant to ITB Sub-Clause 14.4.

(b) Attachment 2: Authority to Sign the Bid.

The Bidder shall furnish the following to check that the person(s) signing the bid has/have the authority to sign the bid and thus establish that the bid is binding upon the Bidder during the full period of its validity in accordance with **ITB Clause No.13**.

- i) In case of Sole Proprietorship Concern/Partnership Firm, Specimen signature of the Proprietor/all the partners duly attested by a scheduled Bank or First Class Magistrate.
- ii) In case of Private Limited Companies, Copy of Power of Attorney issued by Competent Officer under the common seal of the Company, authorizing the person to sign the bid/ execute contracts/agreements etc duly notarized
- iii) In case of Public Limited Companies and Statutory Corporations, Board resolution authorizing the Executive to sign the bid/ contracts/agreements and affix common seal thereon in accordance with the provisions of Article of Association of the Company OR Power of Attorney issued by Competent Officer under the common seal of the Company authorizing the person to sign the bid/ execute contracts/agreements etc.

- iv) In case of Joint Venture/Consortium, Satisfactory evidence of authority of the person signing on behalf of the Bidder shall be furnished with the bid.

(c) Attachment 3: Bidder's Qualifications Technical Cover

Documentary evidence establishing that the Bidder meets the Qualifying Requirements stipulated in the NIT/IFB including the following shall be furnished in **Attachment-3** to the bid:

(A) Legal Status of the Company

1. In case of Sole Proprietorship Concern

- i) The full name of an individual proprietor, his/her parentage, documentary proof of his/her age, permanent address and present postal address/ contact details.
- ii) A deed of declaration by the Proprietor, that no other individual or company has any share in the concern.

2. In case of Partnership Firm

- i) Certified photocopy of the Partnership Deed, with up to date amendments (if any).
- ii) Registration certificate issued by the Registrar of Companies concerned, if any.
- iii) In case of change in the constitution of the firm due to retirement or death or addition of an incoming partner, photocopy of Deed of Dissolution, fresh registration Certificate and the fresh / extant Partnership Deed, as applicable.

3. In case of Private Limited Companies

- i) Certified to be true and up to date amended copy of Memorandum and Articles of Association of the Company.
- ii) Certificate of incorporation of the Company.

4. In case of Public Limited Companies and Statutory Corporations.

- i) Certified to be true copy of Memorandum and Articles of Association of the Company and/or the relevant Statute/Act.
- ii) Certificate of Incorporation of the company - In case of public limited Co. only.
- iii) Certificate of Commencement of Business - In case of public limited Co. only.

5. In case of Consortium/ Joint Venture bid

- i) The information listed in Qualifying Requirements in NIT/IFB/Tender Enquiry shall be submitted for each Joint Venture or Consortium partner.
- ii) The bid, shall be signed so as to be legally binding on all partners;
- iii) One of the partners shall be nominated as being in charge and shall be designated as leader; this authorization shall be evidenced by submitting with bid, a power of attorney signed by legally authorized signatories of all the partners;

- iv) An authorization authorizing the leader to incur liabilities and receive instructions for and on behalf of any and all partners of the Joint Venture or Consortium and the entire execution of the Contract including payment to be done exclusively with the leader;
- v) All partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract in accordance with the Contract terms, and a relevant statement to this effect shall be included in the authorization mentioned under (iii) above as well as in the Bid Form and in the Agreement (in the case of a successful bid);
- vi) Joint Venture / Consortium Agreement entered into by the Joint Venture or Consortium partners shall be submitted with the bid. The Joint Venture or consortium Agreement shall clearly specify the work and responsibility of each partner or a notarized copy.
- vii) A copy of the Partnership Deed/Memorandum & Articles of Association/Certificate of incorporation as the case may be of the prime bidder and all the Partners of Joint Venture / Consortium shall also be enclosed.

(B) Financial Status

In support of meeting the Financial criteria specified in the Qualifying Requirements stipulated in the NIT/IFB/Tender Enquiry, the following documents shall be furnished with the bid:

1. Audited Financial results of preceding 3 financial years or Balance Sheet and Profit & Loss account statement of preceding 3 financial years duly certified by a Chartered Accountant.
2. Solvency Certificate from Bankers, issued not earlier than fifteen (15) days prior to the scheduled date of bid opening of the Package, if asked for in the NIT / Tender Enquiry.

(C) Proof of Execution of Works

In support of meeting the work execution requirements specified in the Qualifying Requirements stipulated in the NIT/IFB/Tender enquiry, the following documents shall be furnished with the bid

- i). Copies of the Letter of Award/Purchase orders/Contracts
- ii). Certificate (s) from the Client(s) for successful execution of the assignment with value and period of execution.

(D) Other requirements specified in the Qualifying Requirements.

In support of meeting the other requirements specified in the Qualifying Requirements stipulated in the NIT/IFB/Tender enquiry, the documents specified in the SCC shall be furnished with the bid.

The documentary evidence of the proposed sub-contractor's qualifications against the sub qualifying requirements if so specified in the bidding documents shall also be furnished in **Attachment - 4**.- See Sub-Clause (d)below.

Notwithstanding anything stated above, the Employer reserves the right to undertake a physical assessment of the capacity and capabilities including financial capacity and capability of the Bidder / his Collaborator(s) /

Associate(s) / Subsidiary(ies) / Group Company(ies) to perform the Contract, should the circumstances warrant such assessment in the overall interest of the Employer.

The physical assessment shall include but not be limited to the assessment of the office/facilities/banker's/reference works by the Employer. A negative determination of such assessment of capacity and capabilities may result in the rejection of the Bid.

The above right to undertake the physical assessment shall be applicable for the qualifying requirements stipulated in the bidding documents.

d) **Attachment 4: Subcontractors Proposed by the Bidder: NOT APPLICABLE**

e) **Attachment 5: Equipment/ Machinery deployment Schedule: As applicable**

The Bidder shall indicate the quantum and schedule of the equipment/ machinery/ lab equipment etc. he proposes to deploy for the Work under this bid.

f) **Attachment 6: General Declaration of Bidder**

Declaration that the Bidder has carefully examined the Bidding Documents in totality and his authorized personnel have visited the site for assessment of all factors for the purposes of bidding.

g) **Attachment 7: Electronic Fund Transfer (EFT) Authorization Form**

Authorization Form for release of payments through Electronic Fund Transfer System.

h) **Attachment 8: Details of PF, ESI, PAN and GST Regn.**

The details of registration for PF, ESI, PAN and GST Regn. to be furnished.

(i) **Attachment 9: Declaration Regarding GST**

The bidder shall necessarily declare as part of his bid, the scheme which the bidder has adopted for calculation of GST in Attachment 9 of Forms & Procedures Section VII).

(j) **Attachment 10: Technical Compliance** The bidder shall essentially confirm compliance to the scope of work (Section V)

(k) **'NIL' Deviations Certificate**

No deviation, whatsoever, is permitted by the Employer to any provisions of Bidding Documents.

The acceptance of above is an attribute of the physical Bid Invitation and the Bidders are required to confirm acceptance of the same by accepting the following attribute:

“Do you certify full compliance to all provisions of Bid Documents”

Acceptance of above attribute shall be considered as bidder's confirmation to the following:

- (a) The provisions of Bidding Documents read in Conjunction with Amendment(s)/ Clarification(s)/ Addenda/ Errata (if any) are acceptable and no deviation has been taken in this regard.
- (b) Any deviation to Bidding Documents and its subsequent Amendment(s)/ Clarifications(s)/ Addenda/ Errata/ Minutes of Clarification Meeting (if any) as mentioned at (a) above found anywhere in Price Bid Proposal, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to Employer, failing which the bid security shall be forfeited.

- (l) **Declaration on Qualifying Requirements** Declaration by the Bidder towards compliance on "Qualifying Requirements" by accepting the attribute in the physical Bid.

"Do you certify full compliance on Qualifying Requirements"

Acceptance of above attribute shall be considered as bidder's confirmation to the following conditions:

- (a) The number of reference Plants/Orders quoted by Bidder in **Attachment- 3** of the bid, for establishing compliance to the specified Qualifying Requirement (QR), are in accordance with the provision specified above.
- (b) The reference Plants/ Orders/ declared, shall only be considered for evaluation/ establishing compliance to Qualifying Requirement (QR). Any reference Orders declared more than as specified above shall not be considered for evaluation/establishing compliance to Qualifying Requirements.
- (c) No change or substitution in respect of reference Plants/Orders for meeting the specified Qualifying Requirement (QR) shall be offered by the bidder.
- (m) **Declaration on Banning Policy** Declaration to the effect that the Bidder shall abide by Banning Policy of the Employer displayed on NTPC's website <http://www.ntpctender.ntpc.co.in> indicating his compliance to the provisions of **ITB Sub-Clause 32** to be furnished by accepting the following GTE condition:

"Do you accept Withholding and Banning of Business Dealing Policy of NTPC"

- (n) **Declaration on Fraud Prevention Policy**
(o)

Declaration to the effect that the Bidder shall abide by Fraud Prevention Policy of the Employer displayed on NTPC's website <http://www.ntpctender.ntpc.co.in> indicating his compliance to the provisions of ITB Sub-Clause 29 to be furnished by accepting the following condition:

"Do you accept the Fraud Prevention Policy of NTPC".

Note:

- l) **Techno-Commercial Bid should not contain any price content entry. In case, the Techno-Commercial Bid is found to contain any price content, such bid shall be liable for rejection.**

PRICE BID

(a) Prices

Prices should be quoted as per the format enclosed. Applicable GST percentage % rate shall be mentioned by vendor under respective category.

- 11.4** Filling the information in the attachments with answers like "shall be given later" "or" "shall be mutually discussed and finalized" or "information already submitted at the time of enlistment" etc. shall not be accepted. Even if the information required in the attachments has been given in response to any other recent invitation for bids of the Employer or in some other reference, it is mandatory for the Bidder to give the information along with his bid as asked for. Non-compliance with the above or leaving the attachment(s) blank may lead to the rejection of the bid. The information furnished by the Bidder should be consistent, correct and true. The Employer reserves the right to verify the information given and if

found incorrect, the bid may be rejected.

11.5 A conditional Price Bid shall run the risk of rejection.

11.6 Price Bid should not contain any matter in respect of Technical and / or Commercial aspects other than the details specifically sought in the Price Bid.

12.0 BID PRICES AND PRICE BASIS

12.1 Unless otherwise specified in the Technical Specifications, Bidders shall quote for the entire facilities on a "single responsibility" basis such that the total bid price covers all the Contractor's obligations mentioned in or to be reasonably inferred from the bidding. Bidders shall give a breakdown of the prices in the manner and detail called for in the physical Price Schedules.

12.2 The currency of the bid and currency of payment shall be in Indian Rupees until unless specified otherwise in the SCC.

12.3 The Bidder shall fill in unit rates/prices for all items of Works described in the Bill of Quantity (BOQ). The rates/prices quoted in the Bill of Quantity shall also be deemed to include any incidentals not shown or specified but reasonably implied or necessary for the proper completion and functioning of the specified Works in accordance with the Bidding Documents. Items of the work described in the Bill of Quantity (BOQ) for which no rate or price has been entered therein by the Bidder, shall also be considered as an Abnormally Quoted item and shall be governed by the relevant provisions of ITB Sub-Clause 23.4.

The successful bidder if awarded the contract shall take sufficient care in moving the plants equipment and materials from one place to another so that they do not cause any damage to any person or the property of employer or 3rd party including overhead and underground cables/pipelines. In the event of such damage including eventual loss of operation and operation of the plant or services in any plant or establishment as estimated by the employer or adjusted by third party shall be borne by the Contractor.

12.4 The rates/amount quoted in the Bill of Quantity (BOQ) shall be exclusive of all GST and all other taxes & duties as per GCC Clause 26.0. However, levies, royalty, fees, labor cess etc., if any, shall be included in the price as per GCC Clause 26.0. In case bidder does not mention GST in GST column provision, other relevant Charges in this regard provision in tender document shall be applicable.

In the Bill of Quantity (BOQ) provided, the bidder shall quote the prices, taxes etc. as asked for in the BOQ.

12.5 The Bidder shall be responsible for payment of any tax levied on the transfer of property and goods involved in the '**Composite / Works Contract**' in accordance with the applicable GST Law or applicable Act or Notification(s) by the State or Central Government or other authorities and rules made there under including amendments, if any. The liability on account of such tax as per the rates of tax prevailing as on seven (7) days prior to the date of bid opening is to the account of the Contractor. In case of any variation in the rates of the tax after the date seven (7) days prior to date of bid opening, the same shall be paid/reimbursed to the Contractor subject to submission of documentary evidence and proof of having made the payment at the revised rate.

12.6 The bidder shall necessarily declare as part of his bid, the scheme which the bidder has adopted for calculation of Goods & Service Tax in Attachment 9 of Forms & Procedures (Section VII). In case the bidder has opted for Works Contract/Composite Scheme for payment of Goods & Service Tax, the estimated value of Owner Issue Materials, if any, to be considered for working out GST liability as part of the Bid Price as indicated in SCC. The bidder shall not be allowed to change the declared method of calculation GST subsequently. In case of any variation between the estimated value and actual value of Owner Issue Material during the execution of the contract, an equitable adjustment of the contract price

shall be made by addition/deletion of the contract price in case of Works Contract /Composite Scheme of Goods & Service Tax.

13.0 BID VALIDITY

13.1 The Bidder shall keep his bid valid for a period of **120 days** from the date of opening of the techno-commercial bid, unless otherwise specified in the SCC / ITB, during which period the Bidder agrees not to vary, alter or revoke his bid either in whole or in part.

13.2 In exceptional circumstances, prior to the expiry of the original bid validity period, the Employer may request the Bidders to extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing. A Bidder agreeing to the request will not be permitted to modify his bid, but will be required to extend the validity of his bid security for the period of the extension.

14.0 BID SECURITY

14.1 The Bidder shall furnish, as part of its Bid, a Bid Security in a separate sealed envelope for the amount and currency as stipulated in the Bid Data Sheet (BDS). In case bid security amount is deposited as EFT, Proof of e-payment of Bid Security, shall be submitted in a separate sealed envelope

“ORIGINAL BID SECURITY FOR (NAME OF PACKAGE) SPECIFICATION NO. DUE ON (DATE OF BID OPENING) FROM (NAME OF THE BIDDER).”

14.2 The Bid Security shall, at the Bidder's option, be in the form of Electronic Fund Transfer (EFT)/ DD from any of the banks specified in the forms and format section-VII payable at location as specified in the SCC / NIT.

Upon successful e-payment of the Bid Security, e-receipt shall be generated by the system, a copy of which is to be submitted by the bidder as a part of its bid,

14.3 Wherever Bids under Joint Venture route are permitted as per the Qualifying Requirements in the Bidding Documents, the Bid Security by the Joint Venture must be on behalf of all the partners of the Joint Venture.

14.4 **Any bid not accompanied by an acceptable bid security in a separate sealed envelope shall be rejected by the employer as being non-responsive and shall not be opened. In case, the bid security is submitted as EFT, bidder to submit the proof of e-payment of bid security in separate sealed envelope. Further Stage-II (Price Bid) (in case of Two Stage bidding) not accompanied by requisite bid security extension (in case Bid Security is submitted in the form of BG) in a separate sealed envelope shall be rejected by the Employer as being non-responsive and shall not be opened.**

14.5 Subject to clause 14.7 below, the Bid Security of the Bidder whose Techno-Commercial Bid has not been found acceptable, shall be returned along with letter communicating rejection of Techno-Commercial Bid. The Bid Security of the bidders who are unsuccessful after opening of Price Bids shall be returned expeditiously.

14.6 The Bid Security of the successful Bidder to whom the contract is awarded will be returned when the said Bidder has signed the Contract Agreement and has furnished the required Performance Securities pursuant to relevant clauses of ITB.

14.7 The Bid Security may be forfeited

- a) If the Bidder withdraws or varies its Bid during the period of Bid validity;
- b) If the Bidder does not accept the correction of its Bid Price pursuant to ITB Sub- Clause for Arithmetical

Correction.

- c) If the Bidder refuses to withdraw, without any cost to the Employer, any deviation, variation, additional condition or any other mention anywhere in the bid (Price bid in case of Two Stage Bid), contrary to the provisions of bidding documents;
- d) In the case of a successful Bidder, if the Bidder fails within the specified time limit to furnish the required Contract Performance Guarantee/Security Deposit in accordance with relevant clause of ITB.
- e) If the bidder/his representatives commit any fraud while competing for this contract pursuant to Fraud Prevention Policy of NTPC.
- f) In case the Bidder/Contractor is disqualified from bidding process in terms of Section 3 and 4 of Integrity Pact (IF APPLICABLE).

14.8 No interest will be payable by the Employer on the said amount covered under Bid Security.

15.0 WORK SCHEDULE

The entire Work covered under the contract of this bid shall be completed within the time specified in the **SCC and further elaborated in the Technical Specifications**. The Work shall be performed in time and to achieve the targets, the Contractor shall have to plan adequate mobilization of all resources.

PART D - SUBMISSION OF BID

16.0 SEALING AND MARKING OF BID

Bid shall be submitted through physical mode in the manner specified elsewhere in bidding document.

16.1 Documents to be submitted in Physical Form (as brought out at ITB clause 11.3.1) shall be sealed and marked in the following manner:

- (i) The **Tender Fee and Bid Security / Earnest Money Deposit** furnished in accordance with ITB Clause 14 shall be sealed in a separate envelope duly marking the envelope as "**ATTACHMENT-1: BID SECURITY**". In case if Tender Fee is applicable; same shall also be mentioned on Envelope.
- (ii) The **Power of Attorney** furnished in accordance with ITB Clause 11.3.1(b) shall be sealed in a separate envelope duly marking the envelope as "**ATTACHMENT-2: POWER OF ATTORNEY**".
- (iii) The **Deed of Joint Undertaking (if applicable)** as per relevant attachment shall be sealed in a separate envelope duly marking the envelope as "**DEED OF JOINT UNDERTAKING**".
- (iv) The **Joint Venture/ Consortium Agreement (if applicable)** as per relevant attachment shall be sealed in a separate envelope duly marking the envelope as "**JOINT VENTURE / CONSORTIUM AGREEMENT**".
- (v) The **'Integrity Pact' (if applicable)** as per **ATTACHMENT-11** duly signed by the signatory authorized to sign the bid, shall be sealed in a separate envelope entitled "**ATTACHMENT- 11: INTEGRITYPACT**".

The envelopes shall then be sealed in **an Outer Envelope**.

16.2 The inner and outer envelopes shall:

- (a) Be addressed to the Employer at the address given in the NIT/Tender Enquiry/SCC, and
- (b) bear the Package name indicated in the NIT/Tender Enquiry, the Invitation for Bids number indicated in the NIT/Tender Enquiry, and the statement "DO NOT OPEN BEFORE [date]," to be completed with the time and date specified in the NIT/Tender Enquiry, pursuant to **ITB clause16**.

16.3 The inner envelopes shall also indicate the name and address of the Bidder.

16.4 If the outer envelope is not sealed and marked as required by **ITB Sub-Clause 16.2** above, the Employer will assume no responsibility for its misplacement.

17.0 BID SUBMISSION

Bidders are requested to submit offer / proposal at

Jhabua Power Ltd.
(A Joint Venture of NTPC Ltd.)
Village - Barela,
Tehsil - Ghansore,
District - Seoni (Madhya Pradesh)
Pin - 480997

(A) TECHNO-COMMERCIAL BID

(I) **Sealed Envelope 1** : Bid Security EMD and Tender Fee

(II) **Sealed Envelope 2** : Technical Bid - UNPRICED

- a) Attachment1: Bid Form
- b) Attachment 1A: BID Security (EMD)
- c) Attachment2: Authority to sign the bid
- d) Attachment3: Bidders Qualification Documents
- e) Attachment 4 : Equipment / Machinery deployment schedule
- f) Attachment5: General Declaration
- g) Attachment6: Electronic Fund Transfer (EFT) Form
- h) Attachment7: Details along with Copy of PF and ESI registration, PAN and GST number
- i) Attachment8: Declaration Regarding GST
- j) Attachment9: compliance to scope of work etc.(Technical details & data sheet)
- k) Attachment10: Integrity Pact
- l) Attachment 11 : Documents as asked in the SBD/SCC/Technical Specifications. Complete Technical Document duly signed and Stamped.
- m) No deviation Statement

(III) **Sealed Envelope: PRICE BID:** In the Bill of Quantity (BOQ) provided, the bidder shall quote the prices; taxes etc. as asked for.

18.0 DEADLINE FOR SUBMISSION OF BID

18.1 **Bid (Documents mentioned for Offline Physical Submission must be received by the Employer at the address referred in the NIT/Tender Enquiry/SCC, no later than the time and date stated in the NIT/Tender Enquiry.**

18.2 The Employer may, in exceptional circumstances and at his discretion, extend the deadline for submission of bids by issuing an amendment in accordance with **ITB Clause 8.0** above, in which case all rights and obligations of the Employer and the Bidders previously subject to the original deadline shall thereafter be subject to the deadline as extended.

19.0 LATE BID SECURITY AND INTEGRITY PACT

Any Bid Security (or extension thereof) and/or Integrity Pact (If applicable); bid received by the Employer after the bid submission deadline prescribed by the Employer, pursuant to **ITB Clause 18**, will be rejected and returned unopened to the Bidder.

20.0 MODIFICATION, SUBSTITUTION AND WITHDRAWAL OF BID

20.0 Bid Modification and Withdrawal: The Bidder may modify or withdraw its bid after submission prior to the deadline prescribed for bid submission. In case of withdrawal a letter giving the reason for withdrawal. Once a bid is withdrawn, the bid cannot be re-submitted.

No bid may be withdrawn / modified in the interval between the bid submission deadline and the expiration of the bid validity period. Withdrawal/Modification of a bid during this interval may result in the Bidder's forfeiture of its Earnest Money Deposit, pursuant to ITB Clause 14.7(a) above.

20.1 No bid may be withdrawn in the interval between the bid submission deadline and the expiration of the bid validity period specified in Clause 13.0 of ITB.

Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its Earnest Money Deposit, pursuant to ITB Sub-Clause 14.7(a).

PART E - BID OPENING AND EVALUATION

21.0 BID OPENING

The bids will be opened at the time, date and location notified in the NIT/IFB/Tender Enquiry in the presence of the Bidder's authorized representatives (not exceeding two per Bidder) who choose to attend. All-important information's and any such other detail, as may be considered appropriate by the Employer will be read out during the bid opening.

22.0 CLARIFICATION OF BIDS

Bidder's attention is drawn that during the period, the bids are under consideration, the Bidder is advised to refrain from contacting by any means, the Employer and/or his employees/representatives on matters related to the bids under consideration and that if necessary, the Employer will obtain clarifications from the Bidder in writing. Any effort by a Bidder to influence the Employer's processing of bids or award decisions will result in the rejection of the Bidder's bid.

During the bid evaluation the Employer may, at its discretion, ask the Bidder for a clarification of its bid including documentary evidence pertaining to only the Work Orders/Purchase Orders/Letter of Awards/Contract Agreements declared in the bid for the purpose of meeting Qualifying Requirement specified in NIT/Bidding Documents. The request for clarification and the response shall be in writing and no change in the price or substance of the bid including substitution of reference Work Orders/Purchase Orders/Letter of Awards/Contract Agreements in the bid by new/additional Work Orders/Purchase Orders/Letter of Awards/Contract Agreements for conforming to

Qualifying Requirement shall be sought, offered or permitted.

23.0 EVALUATION AND COMPARISON OF BIDS

23.1 BID EVALUATION

23.1.1 The Employer will initially determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the Bidding Documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the Bidding Documents without material deviations, objections, conditionality's or reservations. A material deviation, objection, conditionality or reservation is one (i) that affects in any substantial way the scope, quality or performance of the contract; or (ii) that limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the Bidder's obligations under the contract; or (iii) whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive bids.

23.1.2 The Employer's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence. If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

23.2 Arithmetical Correction

Arithmetical errors in the bid will be rectified on the following basis:

If on check there are found to be differences between the rates/prices given by the Bidder in words and figures or in the amount worked out by him in the Schedule of Quantities and General Summary, the same shall be adjusted in accordance with the following rules:

- (a) In the event of a discrepancy between description in words and figures in respect of item rates quoted by a Bidder, the description in words shall prevail.
- (b) In the event of an error occurring in the amount column of Schedule of Quantities as a result of wrong extension of the quantity and the unit rate, the units shall be regarded as firm and extension shall be amended on the basis of the unit rate.
- (c) All errors in totaling in the amount column and in carrying forward totals shall be corrected.
- (d) The totals of various sections of Schedule of Quantities amended shall be carried over to the General Summary and the bid sum amended accordingly. The bid sum so altered shall, for the purpose of bid, be substituted for the sum originally bid and considered for evaluation and comparison of the bids and also for acceptance of the bid, instead of the original sum quoted by the Bidder.

23.3 The evaluation shall be based on the evaluated cost of fulfilling the contract in compliance with all commercial, contractual and technical obligations under this Bidding Document.

23.4 Abnormally High or Low Rated Items

If the rates/prices quoted by the successful Bidder for certain items of the Schedule of quantities are found to be abnormally high or low in relation to the Employer's estimate of the cost of work to be performed under the Contract, then Employer may require the Bidder to produce detailed rate/price analysis for such items of the Schedule of Quantities, to demonstrate the internal consistency of these rates/prices with the construction methods and schedule proposed. After evaluation of the rate/price analysis, Employer may require that the amount of the Security Deposit be increased at the expense of the successful Bidder to a level sufficient to protect Employer against financial loss in the event of

default by the Contractor under the Contract, to carry out such low rated items of work, subject to the provisions of **GCC Sub-Clause 45.2** titled 'Permissible deviation limit for variation in Contract items'. Further, the Employer will require the Contractor to provide a suitable undertaking to execute the item(s) of Work to the extent of quantities up to the variation limits.

23.5 Post-Qualification

- 23.5.1 The Employer will determine to its satisfaction whether the Bidder is qualified to satisfactorily perform the contract, in terms of the Qualifying Requirements (QR) stipulated in NIT/IFB/Tender Enquiry and other criteria detailed elsewhere in the bidding documents.
- 23.5.2 The determination will take into account the Bidder's capabilities, based upon examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder in the **Attachments – 3 and 4** as well as such other information as the Employer deems necessary and appropriate. The Employer reserves the right to assess the capabilities and capacity of the Bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.
- 23.5.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.
- 23.5.4 The capabilities of the vendors and subcontractors, proposed in **Attachment - 4**, to be used by the lowest evaluated Bidder, will also be evaluated for acceptability. Their participation should be confirmed with a letter of intent between the parties, as needed. Should a vendor or subcontractor be determined to be unacceptable, the bid will not be rejected, but the Bidder will be required to substitute an acceptable vendor or subcontractor without any change in the bid price, prior to award.

PART F - AWARD OF CONTRACT

24.0 AWARD CRITERIA

Subject to **ITB Clause 26.0**, the Employer will award the Contract to the Bidder whose bid has been determined to be substantially responsive to the Bidding Documents and whose bid has been adjudged as the lowest evaluated bid, provided that such Bidder has been determined to be qualified to perform the contract satisfactorily.

25.0 EMPLOYER'S RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS

Notwithstanding **ITB Clause 24.0**, the Employer reserves the right to accept, (whole or in part) and the Bidder shall be bound to perform the same at his quoted rate, or reject any bid for any reasons including national defense and security consideration and to annul the bidding process and to reject all bids at any time prior to award of contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action. Decision of Employer shall be final and binding in this regard.

26.0 LETTER OF AWARD

- 26.1 Prior to the expiration of the bid validity prescribed by the Employer, the Employer will issue a Letter of Award (LOA) / Service / Purchase Order to the successful Bidder containing reference of the documents which form the Contract, Scope of Work, Contract Price, period of completion of the Works, terms of payment, price adjustment, and other important aspects in consideration of the execution and completion of the Works and the remedying of any defects therein by the Contractor as prescribed by the Contract.

- 26.2 This Letter of Award / Purchase Order will constitute the formation of the Contract.

26.3 Prior to the expiration of the bid validity prescribed by the Employer, the Employer can issue a Brief Letter of Award (LOA) to the successful Bidder containing reference of the tender, offer and Contract Price. This brief letter of award shall constitute the formation of the Contract.

27.0 SIGNING OF CONTRACT AGREEMENT

27.1 The Successful Bidder / Contractor shall enter into a Contract Agreement with the Employer within thirty (30) days from the date of Letter of Award or within such other time, as may be desired by the Employer. The Contract Agreement shall be executed on a non-judicial Stamp Paper of appropriate value.

27.2 Manner of Execution of Contract Agreement

- i) Unless and until a formal contract is prepared and executed, the Letter of Award / Purchase Order read in conjunction with the Bidding Documents will constitute a binding contract.
- ii) The Contract Agreement shall be prepared by the Employer and signed at the office of the Employer. The Contract Agreement will be signed in three originals and the Contractor shall be provided with one signed original and the other two originals will be retained by the Employer.
- iii) The Contractor shall provide free of cost to the Employer all the engineering data, drawings and descriptive materials submitted as a part of his bid, in at least three (3) copies to form an integral part of the Contract Agreement within twenty-eight (28) days after issuing of Letter of Award / Purchase Order. The Contractor shall further provide for signing of the Contract Agreement as per prescribed proforma enclosed in the Bidding Documents, appropriate Power of Attorney and the requisite stamp papers. All the other documents required for the preparation of the Contract Agreement shall be provided by the Employer.
- iv) Unless and until the Contract Agreement is signed as above, no payments under the Contract as per GCC Clauses entitled 'Payment On Account / Progressive Interim Payments' and 'Time Limit for Submission & Payment of Final Bill' shall be released to the Contractor by the Employer nor any materials shall be issued to the Contractor as stipulated in the Special Conditions of Contract or otherwise agreed to be issued by the Employer.
- v) **Subsequent to signing of the Contract Agreement, the Contractor at his own cost shall provide to the Employer with at least three (3) true copies of Contract Agreement within twenty-eight (28) days of its signing. The Contractor will also provide one (1) electronic version of the Contract Agreement to the Employer within thirty (30) days of its signing.**

28.0 INELIGIBILITY FOR FUTURE TENDERS

Notwithstanding the provisions regarding forfeiture of Bid Security specified in **ITB Sub-Clause 14.7**, if a Bidder after having been issued the Letter of Award/ Purchase Order, either does not accept the same or does not sign the Contract Agreement or does not submit an acceptable Initial Security Deposit/Entire Security in line with the provisions of the Contract and which results in tender being annulled then such bidder shall be treated ineligible for participation in re-tendering of this particular package.

29.0 ADHERENCE TO FRAUD PREVENTION POLICY

The Bidder/Contractor along with its associate / collaborators / sub-contractors / sub-vendors /

consultants / service

providers shall strictly adhere to the Fraud Prevention Policy of Employer displayed on website <http://www.ntpctender.ntpc.co.in> The Bidder/Contractor shall immediately apprise the Employer about any fraud or suspected fraud as soon as it comes to their notice.

A certificate to this effect shall be furnished by the bidder along with his bid by accepting the Attribute "Acceptance of Fraud Prevention Policy of NTPC".

If in terms of above policy, it is established that the bidder/his representatives have committed any fraud while competing for this contract then the Employer shall be entitled to disqualify the Bidder(s)/ Contractor(s) from the bidding process and forfeit the bid security. In addition to the above, if the Bidder has committed a fraud such as to put his reliability or credibility into question, the Employer shall be entitled to exclude including blacklist and put the Bidder on holiday for any future e-tenders /contracts award process. The exclusion will be imposed for a minimum of 3years.

Jhabua Power Limited

(A Joint Venture of NTPC Ltd)



SECTION – III

SPECIAL CONDITIONS OF CONTRACT (SCC) FOR HORTICULTURE & LANDSCAPING WORKS

SECTION - IV

SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC), Section-IV, shall supplement/amend the General Conditions of Contract (GCC), Section-III. Wherever there is a conflict, the provisions in SCC shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated in parentheses.

NIT / TENDER ENQUIRY NO. - JPL/C&M/Contracts/NIT/2023/001; Dated: 05.05.2023

NAME OF PACKAGE: “Annual Maintenance Contract (AMC) for Horticulture Development & Landscaping works at Jhabua Power Limited”

S. No.	Clause Ref, in any	Special Conditions
1.	Currency (ITB Sub-Clause 12.2)	Indian Rupees
2.	Bid Validity (ITB Sub-Clause 13.1)	120 days
3.	Bid Security (ITB Sub-Clause 14.2)	As per NIT / ITB
4.	Employer	Name and address of Employer from where the bid has been invited: Shri. Pankaj Mishra, DGM C&M Department Jhabua Power Ltd. (A Joint Venture of NTPC Ltd.) Village - Barela, Tehsil - Ghansore, District - Seoni (Madhya Pradesh) Pin - 480997 e-mail : pankaj.mishra@jhabuapower.co.in
5.	Pre-Bid Conference (ITB Sub-Clause 7.0)	Not Applicable.

6.	Engineer-in-Charge (GCC Clause 21)	For the purpose of the sub-clause entitled Engineer-In-Charge/ Officer-In- Charge under clause “Settlement of Disputes” appearing in the GCC, the Head of Project/Station/Region shall act as Engineer-In-Charge/ Officer-In-Charge.
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7.	Settlement of Disputes (GCC Clause 7) GCC Sub-clause 7.3	As per GCC
8.	Price Basis	All rates shall remain FIRM & FIXED throughout the tenure of the contract. No price variation shall be considered for any change in rates of manpower, raw material, machinery, fuel prices, royalty etc.
8.1	Price Variation pertaining to Revision in Minimum Wage Notification (As per Minimum Wages Act)	Not Applicable
9.	Time for Completion (GCC Clause 29.2)	12 Months
10.	Methodology of Execution & (GCC Clause 32)	As per SOW (Section – V)
11.	Materials for the performance of the Contract (GCC Clause 34)	As per SOW (Section – V)

12.	Total value of owner issue material	Not Applicable
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13.	Security Deposit Mode	Not Applicable
14.	Power & Water Supply and boarding and lodging of employees/labour / staff (GCC Clause 41 & SOW)	Electricity and water supply shall be provided on FoC basis by JPL at a single point source. Contractor shall arrange for distribution of the same at their own cost. Boarding and lodging of employees/labor / staff etc. of contractor shall be arranged by them at their own cost.
15.	Safety (GCC Clause 10.4.9)	Contractor shall ensure and adhere to safety compliances as per JPL's safety guidelines, equipment/ machinery checklist. Non compliances will either attract the penalty or cancellation of contract.
16.	Defects Liability / Warranty Period (GCC Clause 45)	Defects Liability Period shall be as per GCC
17.	Employer's and Contractor's Risks and Insurance (GCC Clause 46)	As per GCC
18	Mobilization Advance (GCC Clause 23)	Not applicable
19	Contract Performance Security (GCC Clause 22)	Successful Bidder shall submit a Contract Performance Bank Guarantee (CPBG) in JPL approved format within 15 days of award of contract for a value equal to 10% of total basic contract value which shall remain valid till completion of contract period (12 months) + additional 3 months against the specific contract.
20	Liquidated Damages (GCC Clause 29.6)	Failure to complete the work in the stipulated time as directed by JPL's EIC shall attract LD for any delay attributable to vendor @ 0.5% of unexecuted / undelivered value per week of delay & part thereof subjected to maximum 5% of the total contract value.
21.	Payment Schedule (GCC Clause 24)	Progressive monthly payment along with taxes shall be done within 30 days from the date submission of certified monthly RA bills, tax invoice along with all mandatory/ statutory documents at JPL. Monthly RA Bills shall be accompanied by all HR, IR,

		Safety etc. related documents.
21.1	Retention	5% against total basic billed value of each certified RA bill shall be retained by the employer till the completion of all works covered under this package and shall be duly released upon successful closure of the contract with all required documentation.
22.	Contract Category	Services (Civil Works)
23.	Integrity Pact	Not Applicable

24.	<p>Address Correspondence</p> <p>(ITB Sub-Clause 17)</p> <p>for</p>	<p>Shri. Pankaj Mishra, DGM C&M Department Jhabua Power Ltd. (A Joint Venture of NTPC Ltd.) Village - Barela, Tehsil - Ghansore, District - Seoni (Madhya Pradesh) Pin - 480997 e-mail : pankaj.mishra@jhabuapower.co.in</p> <p>Shri. Sibasish Gautam, Manager C&M Department Jhabua Power Ltd. (A Joint Venture of NTPC Ltd.) Village - Barela, Tehsil - Ghansore, District - Seoni (Madhya Pradesh) Pin - 480997 e-mail : sibasish.gautam@jhabuapower.co.in</p>
25.	Evaluation Criteria	As per NIT

26.	<p>Preference to Make In India and granting of purchase preference to local suppliers</p>	<p>Not Applicable</p> <p>Minimum Local Content (Item wise/ Lump sum details as per BOQ) (As per Annexure-I to SCC)</p> <p>Procedure For order preference, MSE guidelines mentioned at Clause 31.0 of ITB read in conjunction with clause 32.0 of ITB “Preference to Make in India and granting of purchase preference to local suppliers” as mentioned in Annexure-I to SCC shall be applicable.</p> <p>Note: The local supplier shall be required to provide, in the relevant Attachment of Price Bid, self-certification / declaration that the Item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.</p> <p>Format of Attachment <u>to be added with Price Bid</u> Form for Local Content Declaration to be submitted with price bid and at Attachment 11 of the standard forms.</p> <p>In cases the total bid price of the supplier / bidder is in excess of INR 10 crore, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.</p> <p>False declarations will be dealt in line with the Fraud Prevention Policy of NTPC</p> <p>In case a bidder does not submit the aforesaid declaration or no value is indicated by the bidder or statement/any declaration like ‘later’, ‘to be furnished later’, ‘NA’ etc. are indicated by the bidder, then the bidder shall not be considered as a local supplier and shall not be eligible for any purchase preference. No further claim in this regard shall be entertained by the Employer</p> <p>The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.</p>
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SECTION – IV

GENERAL CONDITIONS OF CONTRACT (GCC)

	Sec-IV-GCC	Page 1 of 66
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GENERAL CONDITIONS OF CONTRACT (GCC)

TABLE OF CLAUSES (GCC)

Sl.	Description
A.	Contract and Interpretation.....
1.	Definitions
2.	Heading and Marginal Notes to Conditions
3.	Singular & Plural
4.	Order of the precedence of the Documents
5.	Instructions and Notices under the Contract:
6.	Laws governing the Contract
7.	Settlement of Disputes
B.	Subject Matter of Contract
8.	Scope of Contract
9.	Notices to Local Bodies
10.	Human Resources
11.	Shift Work
12.	Cooperation with other Contractors/ Agencies
13.	Materials obtained from Excavation
14.	Treasure, Trove, Fossils, etc
15.	Protection of Trees
16.	Security Watch and Lighting
17.	Prevention of Pollution
18.	Explosives
19.	Training of Apprentices
20.	Handing over of Site

21.	Duties and Powers of Engineer-in-Charge and his representatives.....
C. Payment.....	
22.	Contract Performance Security.....
23.	Advance
24.	Payment on Account/Progressive Interim Payments.....
25.	Contract Price Adjustment
26.	Taxes, Duties, Levies etc.....
27.	Overpayments and Underpayments
28.	Time Limit for submission & payment of Final Bill and waiver of rights of all claims
D. Execution of Facilities	
29.	Work Commencement, Execution & Delays.....
30.	Sub Contracts
31.	Setting out the Works.....
32.	Methodology of Construction & Equipment Mobilisation
33.	Patent Indemnity
34.	Materials for the performance of the Contract
35.	Quality Assurance Programme
36.	Inspection and Approval
37.	Records and Measurement
38.	Methods of Measurement.....
39.	Temporary / Enabling Works
40.	Urgent Works
41.	Construction Power and Construction Water Supply and Staff / Labour Colony
42.	Site Laboratory
43.	Completion Certificate.....

E. Defects Liability

44. Liability for Damage, Defects or Imperfections and Rectification thereof

45. Defects Liability Period

F. Risk Distribution

46. Employer’s and Contractor’s Risks and Insurance

47. Force Majeure

G. Changes in Contract Element.....

48. Changes in Constitution:.....

49. Powers of Engineer-in-Charge for alterations/ omissions/ additions /substitutions

50. Suspension of Works

51. Termination.....

52. Adherence to Fraud Prevention Policy

53. Withholding/Banning.....

GENERAL CONDITIONS OF CONTRACT

A. Contract and Interpretation

1. Definitions

- (a) “Employer” / “Owner” as specified in BDS and shall include their legal representatives, successors and permitted assigns.
- (b) “Contract” means the Contract Agreement entered into between the Employer and Contractor, together with contract documents referred therein. The term “Contract” shall in all such documents be construed accordingly and includes special conditions, specifications, designs, drawings, “Schedule of Quantities” with rates and amount. These documents taken together shall be deemed to form the Contract and shall be complimentary to one another.
- (c) “Contract Documents” mean the following documents that constitute the Contract between the Employer and the Contractor:
 - (i) The Contract Agreement along with its appendices
 - (ii) Letter of Award along with its appendices,
 - (iii) Special Conditions of Contract
 - (iv) Technical Specifications and Bid Drawings
 - (v) General Conditions of Contract
 - (vi) The Bid and Schedule of Quantities submitted by the Contractor.
- (d) “GCC” means the General Conditions of Contract
- (e) “SCC” means the Special Conditions of Contract.
- (f) “Day” means calendar day of the Gregorian Calendar.
- (g) “Week” means a continuous period of seven (7) calendar days.
- (h) “Month” means calendar month of the Gregorian Calendar.
- (i) The “Contractor” means the individual or firm or company whether incorporated or not, undertaking the Works and shall include its legal representatives, or successors, or permitted assigns.
- (j) “Sub-Contractor” shall mean a person or a corporate body approved by Engineer-in-Charge who has entered into a contract with the Contractor to complete a part of the Works.

- (k) The “Contract Sum” / “Contract Price” means:
- (i) In the case of Lump Sum Contracts, the sum for which the bid is accepted.
 - (ii) In the case of item Rate Contracts, the cost of the Works arrived at after extension of the quantities shown in Schedule of Quantities by the item rates for the various items and summing them to arrive at the total price.
- (l) “Engineer-in-Charge” shall mean the person appointed by the Employer or his duly authorized representative who shall direct, supervise and be in charge of the Works for purposes of the Contract.
- (m) “Market rate” means the rate for an item of Work, determined on the basis of the cost of labour, and material brought to Site and incorporated in the Works and for use of plant and equipment for the Work executed plus 10% (ten percent) of the rate to cover all overheads and profits of the Contractor.
- (n) “Schedule(s) of Quantities” shall mean the priced and completed Schedule of Quantities forming the part of the bid or such Schedule of Quantities forming the part of the Contract, as the case may be, with amendments, if any, thereto.
- (o) The “Site” means the land and / or other places on, under, in or through which the Works is to be executed under the Contract including any other land or places which may be allotted by the Employer or used for the purposes of the Contract.
- (p) “Temporary/ Enabling Works” means all temporary works of every kind required in or about the execution, completion or maintenance of the Works.
- (q) “Urgent Works” shall mean any urgent measures which, in the opinion of the Engineer-in-Charge, become necessary during the progress of the Works to obviate any risk of accident or failure or which become necessary for reasons of security and safety.
- (r) “The Works” shall mean the Works to be executed in accordance with the Contract or part(s) thereof as the case may be and shall include all extra or additional, altered or substituted works or temporary/ enabling Works and urgent works as required for performance of the Contract.
- (s) “Cost” shall mean all expenditure reasonably incurred or to be incurred by the Contractor or Employer, as the case may be, whether on or off the Site, including overhead and other charges, but excluding profit.
- (t) Throughout these Bidding Documents, the term “Bid” and “Tender” and their derivatives (Bidder/Tenderer, Bidding/Tendering, Bidding Document/Tender Document, etc.); Bill of Quantity / Schedule of Quantity / Schedule of Items/Schedule of Quantities/ Bill of Quantities; Employer / NTPC ; Bid

Security / Earnest Money Deposit; Security Deposit / Performance Security/ Performance Guarantee; Engineer-in-Charge / Engineer, appearing anywhere in the Bidding Documents shall have the same meaning and are synonymous to each other.

- (u) Goods and Services Tax" or "GST" means taxes levied under the Central Goods and Services Tax Act, Integrated Goods and Services Tax Act, Goods and Services Tax (Compensation to States) Act and various State/Union Territory Goods and Services Tax Laws and applicable cesses, if any under the laws in force (hereinafter referred to as relevant GST Laws).

2. Heading and Marginal Notes to Conditions

Heading and marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the Contract.

3. Singular & Plural

Where the context so requires, words importing the singular only will also include the plural and vice versa.

4. Order of the precedence of the Documents

4.1 The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawings, figured dimensions in preference to scale and Special Conditions in preference to General Conditions.

4.2 In the case of discrepancy between Schedule of Quantities, the Specifications and/or the Drawings, the following order of precedence shall govern:

- (a) Description in Schedule of Quantities
- (b) SCC
- (c) Technical Specifications
- (d) Drawings

4.3 If there are varying or conflicting provisions made within any document forming part of the Contract, the Engineer-in-Charge shall be the deciding authority with regard to the intention of the document.

4.4 Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.

5. Instructions and Notices under the Contract:

	Sec-IV-GCC	Page 7 of 66
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5.1 Subject as otherwise provided in the Contract, all notices to be given on behalf of the Employer and all other actions to be taken on its behalf may be given or taken by the Engineer-in-Charge or any officer for the time being entrusted with the functions, duties and powers of the Engineer-in-Charge by the Employer. All instructions, notices and communications, etc., under the Contract shall be given in writing.

5.2 Contractor's Representative

5.2.1 The Contractor shall appoint its Representative within fourteen (14) days of the date of issuance of Letter of Award or before start of work whichever is earlier and shall request the Employer in writing to approve the person so appointed.

5.2.1.1 The Contractor's representative shall be a regular Employee/ Partner/ Director only and the Contractor shall be required to submit a Power of Attorney in original in favour of its representative. Notarized photocopy of the Power of Attorney shall be acceptable only if the Power of Attorney has been registered by the Contractor. The Employer may verify the photocopy of the Power of Attorney with the Original and the Contractor shall be required to produce the original Power of Attorney for verification, if required by the Employer. The relation of the Contractor's representative with the contractor such as Partner/ Employee/Director etc. should be clearly brought out in the Power of Attorney. The Contractor would be required to submit a documentary proof of the relation of the Contractor's representative with the contractor in the form of self attested copy of any of the following documents:

- a) Previous financial year's Form 16 as available at TRACES site of Income tax department, if the POA holder is an employee of contractor. In case, the Contractor is not able to submit Form 16 (only in case of recent appointment or where Form 16 details are not uploaded at TRACES), the contractor would be required to submit an Appointment Letter/Salary Slip/other documentary evidence of the POA holder along with an affidavit stating the relationship between the POA holder and the Contractor along with. Further, the Contractor shall be required to submit the copy of Form 16 as available through TRACES site for every subsequent year also in respect of the POA holder till the period of authorization.
- b) Articles of Association / Registered Partnership Deed if the POA holder is a partner or stake holder in Company.

5.2.1.2 In case, the Contractor's representative is also doing some other Contract(s)/Work(s) as nominee of the same contractor, the Contractor shall give a declaration citing list of all works where the Contractor's representative is the nominee.

5.2.1.3 If the Employer objects to the appointment giving the reason therefore, then the Contractor shall appoint a replacement within fourteen (14) days of such objection, and the foregoing provisions of this GCC Sub-Clause 5.2.1 shall apply thereto.

5.2.2 The Contractor's Representative shall represent and act for the Contractor at all times during the currency of the Contract and shall communicate and provide to the Engineer-in-charge all the Contractor's notices, instructions, information and all other communications under the Contract.

All notices, instructions, information and all other communications given by the Employer or the Engineer-in-charge to the Contractor under the Contract shall be given to the Contractor's Representative or, in its absence, its deputy, except as herein otherwise provided. The Contractor or its authorised representative shall be in attendance at the Site(s) during all working hours and

shall superintend the execution of the Works with such additional assistance in each trade as the Engineer-in-Charge may consider necessary. Orders given to the Contractor's representative shall be considered to have the same force as if they had been given to the Contractor.

The Contractor shall not revoke the appointment of the Contractor's Representative without the Employer's prior written consent, which shall not be unreasonably withheld. If the Employer consents thereto, the Contractor shall appoint some other person as the Contractor's Representative, pursuant to the procedure set out in GCC Sub-Clause 5.2.1.

5.2.3 The Contractor's Representative may, subject to the approval of the Employer (which shall not be unreasonably withheld), at any time delegate to any person any of the powers, functions and authorities vested in him or her. Any such delegation may be revoked at any time. Any such delegation or revocation shall be subject to a prior notice signed by the Contractor's Representative, and shall specify the powers, functions and authorities thereby delegated or revoked. No such delegation or revocation shall take effect unless and until a copy thereof has been delivered to the Employer and the Engineer-in-charge.

Any act or exercise by any person of powers, functions and authorities so delegated to him or her in accordance with this GCC Sub-Clause 5.2.3 shall be deemed to be an act or exercise by the Contractor's Representative.

5.2.4 The Employer may by notice to the Contractor object to any representative or person employed by the Contractor in the execution of the Contract who, in the reasonable opinion of the Employer, may behave inappropriately, may be incompetent or negligent, or may commit a serious breach of the Safety regulations provided under GCC Sub-Clause 10.4.9. The Employer shall provide evidence of the same, whereupon the Contractor shall remove such person from the Facilities.

5.2.5 If any representative or person employed by the Contractor is removed in accordance with GCC Sub-Clause 5.2.4, the Contractor shall, where required, appoint a replacement as per clause 5.2.1.

5.2.6 In case any of the information/declaration/undertaking provided by Contractor/Contractor's representative is found to be false and/or the contractor/Contractor's representative suppresses any relevant information at any stage, the Contractor will be liable for actions in terms of Employer's Banning policy.

5.3 The Engineer-in-Charge shall communicate or confirm the instructions to the Contractor in respect of the execution of Work in a 'Works Site Order Book' maintained in the office of the Engineer-in-Charge and the Contractor or his authorised representative shall confirm receipt of such instructions by signing the relevant entries in this Book. If required by the Contractor, he shall be furnished a certified true copy of such instruction(s).

6. **Laws governing the Contract**

6.1 This Contract shall be governed by the Indian laws for the time being in force. The Courts at New Delhi shall have jurisdiction, in all matters unless otherwise stated in the SCC.

7. **Settlement of Disputes**

7.1 **Mutual Consultation**

If any dispute of any kind whatsoever shall arise between the Employer and the Contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the

Works, whether during the progress of the Works or after their completion and whether before or after the termination, abandonment or breach of the Contract, the parties shall seek to resolve any such dispute or difference by mutual consultation.

If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute may be settled through Expert Settlement Council / Arbitration / other remedies available under the applicable laws.

7.2. Resolution of Dispute through Expert Settlement Council

If the parties fail to resolve such a dispute or difference by mutual consultation, the dispute if the parties agree, may be referred to Conciliation in cases involving disputed amount up to Rs 250 crores, which is to be arrived at considering the claim and counter claim of the parties to the dispute.

7.2.1 Invitation for Conciliation:

7.2.1.1 A party shall notify the other party in writing about such a dispute it wishes to refer for Conciliation within a period of 30 days from the date of raising of the dispute in case of failure to resolve the same through mutual consultation. Such Invitation for Conciliation shall contain sufficient information as to the dispute to enable the other party to be fully informed as to the nature of the dispute, amount of the monetary claim, if any, and apparent cause of action.

7.2.1.2 Upon acceptance of the invitation to conciliate, the other party shall submit its counter claim, if any, within a period of 30 days from the date of the invitation to conciliate. If the other party rejects the invitation or disputed amount exceeds Rs 250 crores, there will be no Conciliation proceedings. There shall be no Conciliation where claim amount is only up to Rs 5 lakhs.

7.2.1.3 If the party initiating Conciliation does not receive a reply within thirty days from the date on which it sends the invitation, or within such other period of time as specified in the invitation, it shall treat this as a rejection of the invitation to conciliate from the other party.

7.2.2 Conciliation:

7.2.2.1 Where Invitation for Conciliation has been furnished under GCC sub clause 7.2.1, the parties shall attempt to settle such dispute through Expert Settlement Council (ESC) which shall be constituted by CMD, NTPC.

7.2.2.2 ESC will be formed from experts comprising of three members from the panel of conciliators maintained by NTPC. However, there will be single member ESC for disputes involving claim and counter claim (if any) up to Rs. 1 crore. CMD will have authority to reconstitute an ESC to fill any vacancy.

7.2.2.3 The eligible persons for consideration for empanelment in the panel of conciliators shall be amongst Retired Civil Servants of Govt. of India not below the rank of Joint Secretary, Retired Judges, Retired Executive directors/Directors/ Chairman of any Maharatna / Navratna company in India other than NTPC Ltd, Retired Independent Directors who have served on the Board of any Maharatna / Navratna company in India other than NTPC Ltd and Independent experts in their respective fields preferably registered with the Indian Council of Arbitration or Delhi International Arbitration Centre or Federation of Indian Chambers of Commerce and Industry or SCOPE Arbitration Forum.

7.2.3 Proceedings before ESC:

7.2.3.1 The claimant shall submit its statement of claims along with relevant documents to ESC members, and to the party(s) indicated in the appointment letter within 30 days of the issue of the appointment letter. The respondent shall file its reply and counter claim (if any) within 30 days of the receipt of the statement of claims. Parties may file their rejoinder/additional documents, if any in support of their claim/counterclaim within next 15 days. No documents shall be allowed thereafter, except with the permission of ESC.

7.2.3.2 The parties shall file their claim and counterclaim in the following format

- a. Chronology of the dispute
- b. Brief of the contract
- c. Brief history of the dispute
- d. Issues

Sl. No.	Description of Claims/ Counter claims	Amount (in foreign currency/INR)	Relevant Contract Clause

- e. Details of Claim(s)/Counter Claim(s)
- f. Basis/Ground of claim(s)/counter claim(s) (along with relevant clause of contract)

Note: Statement of claims shall be restricted to maximum limit of 20 pages.

7.2.3.3 In case of 3 members ESC, 2 members will constitute a valid quorum and the meeting can take place to proceed in the matter after seeking consent from the member who is not available. However, ESC recommendations will be signed by all the members.

7.2.3.4 The parties shall be represented by their in house employees. No party shall be allowed to bring any advocate or outside consultant/advisor/agent to contest on their behalf. Ex-officers of NTPC who have handled the subject matter in any capacity shall not be allowed to attend and present the case before ESC on behalf of contractor. However, ex-employees of parties may represent their respective organizations. Parties shall not claim any interest on claims/counter-claims from the date of notice invoking Conciliation till execution of settlement agreement, if so arrived. In case, parties are unable to reach a settlement, no interest shall be claimed by either party for the period from the date of notice invoking Conciliation till the date of ESC recommendations and 30 days thereafter in any further proceeding.

7.2.3.5 ESC will conclude its proceedings in maximum 10 meetings, and give its recommendations within 90 days of its first meeting. ESC will give its recommendations to both the parties recommending possible terms of settlement. CMD, NTPC may extend the time/number of meetings, in exceptional cases, if ESC requests for the same with sufficient reasons.

7.2.3.6 Depending upon the location of ESC members and the parties, the venue of the ESC meeting shall be either Delhi/Mumbai/Kolkata/Chennai or any other city whichever is most economical from the point of view of travel and stay etc. All the expenditure incurred in ESC proceedings shall be shared by the parties in equal proportion.

7.2.4 Fees & Facilities to the Members of the ESC

The cost of Conciliation proceedings including but not limited to fees for Conciliator, Airfare, Local transport, Accommodation, cost towards conference facility etc shall be as provided herein below:

S. No.	Fees/ Facility	Entitlement
1	Fees	As paid to NTPC Independent Directors [Presently Rs. 20,000 per meeting]. In addition, each conciliator to be paid Rs. 10,000 for attending meeting to authenticate the settlement agreement - max. of Rs. 2,10,000 per case per Conciliator.
2	Secretarial expenses	Rs. 10,000 lump sum (to 1 member only).
3	Transportation in the city of the meeting	Car as per entitlement or Rs. 2,000 per day
4	Venue for meeting	NTPC conference rooms
Facilities to be provided to the out-stationed member		
5	Travel from the city of residence to the city of meeting	As per entitlement of Independent Directors. Executive class air tickets / first class AC train tickets/ Luxury car/ reimbursement of actual fare. However, entitlement of air travel by Business class shall be subject to austerity measures, if any, ordered by Govt. of India.
6	Transport to and fro airport/ railway station in the city of residence	Car as per entitlement or Rs. 3,000
7	Stay for out stationed members	As per entitlement of Independent Directors.
8	Transport in the city of meeting	Car as per entitlement or Rs. 2000 per day

Aforesaid fees is subject to revision by NTPC from time to time and subject to government guidelines on austerity measures, if any. All the expenditure incurred in the ESC proceedings shall be shared by the parties in equal proportions. The Parties shall maintain the account of expenditure and present to the other for the purpose of sharing on conclusion of the ESC proceedings.

7.2.5 If decision of NTPC is acceptable to the contractor, a Settlement Agreement under section 73 of the Arbitration and Conciliation Act 1996 will be signed within 15 days of contractor's acceptance and same shall be authenticated by all the ESC members. Parties are free to terminate Conciliation proceedings at any stage as provided under the Arbitration and Conciliation Act 1996.

7.2.6 The parties shall keep confidential all matters relating to the Conciliation proceedings. Parties

shall not rely upon them as evidence in arbitration proceedings or court proceedings.

7.3 **Arbitration**

7.3.1 If the process of mutual consultation and/or ESC fails to arrive at a settlement between the parties as mentioned at GCC Sub-Clauses 7.1 & 7.2 above, Employer or the Contractor may, within Thirty (30) days of such failure, give notice to the other party, with a copy for information to the ESC (as applicable), of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. The mechanism of settling the disputes through arbitration shall be applicable only in cases where the disputed amount (i.e. total amount of Claims excluding claims of interest) does not exceed Rs. 25 crores. In case the disputed amount exceeds Rs. 25 Crores, the parties shall be within their rights to take recourse to remedies as may be available to them under the applicable laws other than Arbitration after prior intimation to the other party. There shall be no arbitration where the claim amount is only up to Rs. 5 lakhs.

The parties at the time of invocation of arbitration shall submit all the details of the claims and the counter-claims including the Heads/Sub-heads of the Claims/Counter-Claims and the documents relied upon by the parties for their respective claims and counter-claims. The parties shall not file any documents/details of the claims and counter-claims thereafter.

The claims and the counter claims raised by the parties at the time of invocation of the arbitration shall be final and binding on the parties and no further change shall be allowed in the same at any stage during arbitration under any circumstances whatsoever.

The parties to the contract shall invoke arbitration within Six months from the date of completion of the execution of work under the contract or the termination of the contract as the case may be and the parties shall not invoke arbitration later on after expiry of the said period of six months. The parties shall not invoke arbitration other than in the case of completion of execution of work or the termination of the contract as mentioned above.

Notwithstanding the above, in case of disputes with Indian Contractor who is a Central Government Department /Enterprise /organisation or a State Level Public Enterprise (SLPE), the aforesaid limit of Rs 25 crores shall not be applicable and arbitration proceeding may be commenced irrespective of the amount involved in dispute if the dispute could not be resolved through Conciliation as brought out at GCC Sub Clause 7.2 above.

7.3.2 Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with GCC Sub Clause 7.3.1, shall be finally settled by arbitration.

7.3.3 Any dispute raised by a party to arbitration shall be adjudicated by a Sole Arbitrator appointed by CMD, NTPC from the List of empanelled Arbitrators of NTPC in the following manner:

- (a) A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving 60 days notice to the other party.
- (b) If the Arbitrator so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for CMD, NTPC to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left.
- (c) It is agreed between the parties that the Arbitration proceedings shall be conducted as

per the provisions of Fast Track Procedure as provided under section 29B of the Arbitration and Conciliation Act, 1996 as amended.

(d) Arbitrator shall be paid fees at the following rates:

Amount of Claims and Counter Claims (excluding interest)	Lump sum fees (including fees for study of pleadings, case material, writing of the award, secretarial charges etc.) to be shared equally by the parties.
Upto Rs 50 lakhs	Rs. 10,000 per meeting subject to a ceiling of Rs. 1,00,000/-.
Above Rs 50 lakhs to Rs 1 crore	Rs. 1,35,000/- plus Rs. 1,800/- per lakh or a part there of subject to a ceiling of Rs. 2,25,000/-.
Above Rs. 1 crore and upto Rs. 5 Crores	Rs. 2,25,000/- plus Rs. 33,750 per crore or a part there of subject to a ceiling of Rs. 3,60,000/-.
Above Rs. 5 crores and upto Rs. 10 crores.	Rs. 3,60,000/- plus Rs. 22,500/- per crore or a part there of subject to a ceiling of Rs. 4,72,500/-.
Above Rs. 10 crores	Rs. 4,72,500 plus Rs. 18,000/- per crore or part thereof subject to a ceiling of Rs. 10,00,000/-.

If the claim is in foreign currency, the SBI Bills Selling Exchange rate prevailing on the date of claim shall be used for the purpose of converting the claim in Indian Rupee which may be used for determining the arbitration fee as brought out above.

- e) If after commencement of the Arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to Conciliation, the arbitrator shall put the proceedings in abeyance until such period as requested by the parties. Where the proceedings are put in abeyance or terminated on account of mutual settlement of dispute by the parties, the fees payable to the arbitrator shall be determined as under:
- (i) 40% of the fees if the Pleadings are complete.
 - (ii) 60% of the fees if the Hearing has commenced.
 - (iii) 80% of the fees if the Hearing is concluded but the Award is yet to be passed.
- f) Each party shall pay its share of arbitrator's fees in stages as under:
- (i) 40 % of the fees on Completion of Pleadings.
 - (ii) 40% of the fees on Conclusion of the Final Hearing.
 - (iii) 20% at the time when arbitrator notifies the date of final award.
- g) The Claimant shall be responsible for making all necessary arrangements for the travel/ stay of the Arbitrator including venue of arbitration, hearings. The parties shall share the expenses for the same equally.
- h) The Arbitration shall be held at Delhi only.
- i) The Arbitrator shall give reasoned and speaking award and it shall be final and binding on the parties.

- j) Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

7.3.4 In case the Indian Contractor is a Central Government Department/Enterprise/organisation or a State Level Public Enterprise (SLPE), the dispute arising between the Employer and the Contractor shall be referred for resolution to the Permanent Machinery of Arbitrators (PMA) of the Department of Public Enterprises, Government of India as per Office Memorandum No. 4(1) 2011-DPE(PMA)-GL dated 12.06.2013 issued by Government of India, Ministry of Heavy Industries and Public Enterprises, Department of Public Enterprises and its further modifications and amendments.

7.4 Notwithstanding any reference to the Conciliation or Arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree.
- (b) the Employer shall pay the Contractor any monies due to the Contractor.

B. Subject Matter of Contract

8. Scope of Contract

The Work to be carried out under the Contract shall be as delineated in Bidding Documents and shall, except as otherwise provided in these conditions, include all labour, materials, tools, plant, equipment, and transport which may be required in preparation of and for and in the full and entire execution and completion of the Works.

9. Notices to Local Bodies

9.1 The Contractor shall comply with and give all notices required under any Governmental authority, instrument, rule or order made under any Act of Parliament, State Laws or any regulation or bye-laws of any local authority relating to the Works. He shall before making any variation from the Contract drawings necessitated by such compliance give to the Engineer-in-Charge a written notice giving reasons for the proposed variation and obtain the Engineer-in-Charge's instructions thereon, in writing.

9.2 The Contractor shall pay and indemnify the Employer against any liability in respect of any fees or charges payable under any Act of Parliament, State laws or any Government instrument, rule or order and any regulations or bye-laws of any local authority in respect of the Works.

10. Human Resources

10.1 The Contractor for the purpose of the Contract shall engage / employ adequate number of key personnel in all areas such as design / engineering (wherever applicable), planning, scheduling and construction and carrying out of all maintenance of his plant and equipment (as detailed in the SCC) and competent

and skilled work force as directed by the Engineer-in-Charge. The Engineer-in-Charge will approve any proposed replacement of such key personnel including work force only if their qualifications, experience, competence and capabilities are substantially equal to or better than those personnel originally identified and approved by the Engineer-in-Charge.

10.2 The Engineer-in-Charge may require the Contractor to remove from Site of Works or from any other area of Work related to the Contract, any member of the Contractor personnel or work force who

- (i) Persists in any misconduct or lack of care
- (ii) Performs his duties incompetently or negligently or otherwise carelessly
- (iii) Fails to conform with any provisions of the Contract or
- (iv) Persists in any conduct which is prejudicial to the safety, health or protection of the Work and environment.

If appropriate, the Contractor shall appoint a suitable replacement within fourteen (14) days or within such period as may be agreed between the Engineer-in-Charge and Contractor.

10.3 The Contractor shall unless otherwise provided in the Contract, make his own arrangement for engagement of all staff and labour, local or otherwise and for their payment, housing, transport, lodging and welfare as may be required by law and or by industry practice. The Contractor shall provide the Engineer-in-Charge a return in detail in such form and at such intervals as he may reasonably prescribe showing the staff and number of the several classes of labour and other staff from time to time employed by the Contractor at Site or in connection with the Work along with such information as the Engineer-in-Charge may reasonably require.

10.4 **Labour laws and Regulations and compliance thereof**

10.4.1 During the entire period of Contract, the Contractor and his Sub-Contractors shall, at all times abide by all existing labour enactments, rules made therein, regulations, notifications and bye-laws by the appropriate government, local authority or any other labour laws or notification that may be issued under any labour law prevailing as on the date seven(7) days prior to the deadline set for submission of the bids, published by the State or Central Government or Local Authorities. An illustrative list of applicable acts, notifications, rules etc. in connection with the labour as applicable is provided in SCC. This list is not in any way exhaustive and shall not absolve the Contractor from any of his liabilities or responsibilities in compliance with any other laws, regulations, notifications that may be in force during the tenure of Contract.

10.4.1.1 During the entire period of Contract, the Contractor and his Sub-Contractors shall, at all times abide by the following Acts/Statutes related to Human Resources:

- 1. Factories Act, 1948; Contract Labour (Regulation & Abolition) Act, 1970;
- 2. EPF & MP Act, 1952;

3. Building & Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996;
4. ESI Act, 1948;
5. Minimum Wages Act, 1948;
6. Payment of Wages Act, 1936
7. Payment of Bonus Act, 1965;
8. Payment of Gratuity Act, 1972;
9. Workmen's Compensation Act, 1923;
10. ID Act, 1947;
11. Maternity Benefit Act, 1961;
12. Inter-State Migrant Workmen (Regulation of Employment & Conditions of Service) Act, 1979;
13. Fatal Accidents Act, 1855
14. Model Welfare Code

The above will deem to include all relevant/applicable rules made thereunder, regulations, notifications and bye laws of the State or Central Govt. or the local authority and any other labour law (including rules) regulations, bye laws as well as those that may be passed or notification that may be issued under any labour law present and in future either by State or Central Govt. or by local authority.

- 10.4.2 The Contractor and his Sub-Contractors shall indemnify the Employer, from any action taken against the Employer by any competent authority in connection with the enforcement of the applicable laws, regulations, notifications, on account of contravention of any of the provisions therein, including amendments thereto. If the Employer is caused to pay or otherwise made liable, such amounts as may be necessary for non-observance of the provisions stipulated in the laws, rules, notifications including amendments, if any on the part of the Contractor and/or his Sub-Contractors, the Engineer-in-Charge / Employer shall have the right to deduct any such money from any amount due to the Contractor including his performance security, under the Contract. The Employer shall also have the right to recover from the Contractor any sum required or estimated as required for making good any loss or damage suffered / likely to be suffered by the Employer, on this account.
- 10.4.3 If due to an enactment of any new Act or Statute and rules made thereunder or any modification to the Acts/Statute or rules made thereunder, all after seven (7) days prior to the deadline set for submission of the bids and as a consequence thereof, the Contractor has to incur additional cost or expenditure, the same will be reimbursed by the Employer to the Contractor, excepting those due to reasons attributable to the Contractor and those being already compensated by other provisions of the Contract, like Price Adjustment, Taxes and Duties etc.
- 10.4.4 It is specifically agreed that the Contractor and his Sub-Contractors shall obtain all the necessary registration, licenses, permits, authorisations etc. required under various enactments / Regulations enforced from time to time, specifically registration as employer under Provident Fund Act and Contract Labour Regulation & Abolition Act, and the Employer shall not be liable for any violation by the Contractor in this regard.
- 10.4.5 The employees of the Contractor or his Sub-Contractor(s) shall in no case be treated as the employees of the Employer at any point of time.
- 10.4.6 The Contractor and his Sub-Contractors shall be liable to make all due payments to

all their employees and ensure compliance with labour laws. If the Employer, is held liable as 'PRINCIPAL EMPLOYER' or otherwise to incur any expenditure or to make any contributions under any legislation of the Government or Court decision, in respect of the employees of the Contractor or his Sub-Contractors, then the Contractor would reimburse the amounts of such expenditure/contribution so made by the Employer.

10.4.7 In case the ESI act is not applicable to the area where the Work is executed, as evidenced by the Certificate/Letter submitted to this effect from the local authorities, the Contractor shall be liable to arrange and pay for the expenses towards the medical treatment in respect of all labour employed by him for the execution of the Contract.

10.4.8 Staff quarters & labour hutments at Site if available, may be provided to the Contractor on chargeable basis at the discretion of the Engineer-in-Charge on mutually agreed terms and conditions.

10.4.9 **Safety**

The Contractor, including his sub-contractors, while executing the Works, will strictly comply with the statutory requirements (including amendments thereof), as applicable, in respect of safety of his employees, equipment and materials. The contractor will also comply with the provisions of NTPC Safety Rules as issued from time to time and displayed on NTPC's tender website <http://www.ntpctender.com>. Within 30 days from the date of Letter of award, the Contractor, shall develop and submit for the Employer's approval, his own Safety, Health and Environment policy in line with the above-mentioned statutory requirements and NTPC rules. The detailed requirements to be complied by the Contractor with regard to the safety of his personnel, equipment and materials are enumerated in the Technical Specifications.

11. **Shift Work**

11.1 To achieve the required rate of progress in order to complete the Works within the Time for Completion, the Contractor may carry on the work, round the clock, in multiple shifts per day, as may be necessary. The Contractor shall however be responsible to comply with all applicable laws in this regard.

11.2 No additional payment will be made on account of round the clock working in multiple shifts.

11.3 Wherever the work is carried out at night adequate lighting of working areas and access routes for pedestrians or vehicles shall be provided by the Contractor at his cost. Sufficient notice should be given by the Contractor to the Engineer-in-Charge regarding the details of works in shifts so that necessary supervision could be provided.

12. **Cooperation with other Contractors/Agencies**

12.1 The Contractor shall extend all reasonable cooperation to other Contractors, agencies etc. of the Employer engaged in connection with the Work or any other

Work not in the scope of this Work as may be required by the Engineer-in-Charge.

12.2 The Contractor shall attend at his cost, all the meetings with the Engineer-in-Charge, other contractors and the Consultants of the Employer for the purposes of the Contract. The Contractor shall attend such meetings as and when required by the Engineer-in-Charge.

13. **Materials obtained from Excavation**

13.1 Materials of any kind obtained from excavation on the Site shall remain the property of the Employer and shall be disposed of as the Engineer-in-Charge may direct.

14. **Treasure, Trove, Fossils, etc**

14.1 All fossils, coins, articles of value or antiquity and structures and other remains or things of geological or archaeological interest discovered on the Site shall be the absolute property of the Employer and the Contractor shall take reasonable precautions to prevent his workmen or any other person from removing or damaging any such article or thing, shall immediately upon discovery thereof and before removal acquaint the Engineer-in-Charge with such discovery and carry out the Engineer-in-Charge's directions as to the disposition of the same, at the cost of the Employer.

15. **Protection of Trees**

15.1 Trees designated by the Engineer-in-Charge shall be protected from damage during the course of the Works and earth level within at least one (1) meter of each such tree shall not be disturbed. Where necessary, such trees shall be protected by providing temporary fencing at the cost of the Employer.

16. **Security Watch and Lighting**

16.1 The Contractor shall provide and maintain at his own expense all lights, guards, fencing and watching when and where necessary or required by the Engineer-in-Charge for the protection of the Works or for the safety and convenience of those employed on the Works or the public.

17. **Prevention of Pollution**

17.1 The Contractor shall make necessary arrangement to prevent pollution of the water in any adjacent water bodies including stream, springs, nallah, river and lakes etc. The Contractor shall be solely responsible and liable for all damage caused by any pollution that may take place during the execution of the Work.

18. **Explosives**

18.1 Permission for the use of explosives shall be obtained from the Engineer-in-Charge or from any appropriate authority as directed by the Engineer-in-Charge and all

explosive materials shall be used only under close supervision. It shall be the responsibility of the Contractor to seek and obtain any necessary permits, and to ensure that the requirements of the authorities are complied with, in all respects. Failure to do so may result in the Engineer-in-Charge withdrawing permission to use explosives. The indemnification provided for, under the General Condition of Contract shall include indemnification against all claims in respect of any incident arising from the use of explosives.

19. Training of Apprentices:

19.1 The Contractor shall during the currency of the Contract when called upon by the Engineer-in-Charge engage and also ensure engagement by Sub-Contractors employed by the Contractor in connection with the Works, such number of Apprentices in the categories and for such periods as may be reasonably required by the Engineer-in-Charge. The Contractor shall train them as required under the Apprentices Act, 1961 and shall be responsible for all obligations of the Employer under the Act including the liability to make payment to apprentices as required under the Act.

20. Handing over of Site

20.1 The Employer shall make available the Site to the Contractor as soon as possible after the award of the Contract free of encumbrance. The Contractor shall not be permitted to enter on (other than for inspection purposes) or take possession of the Site until instructed to do so by the Engineer-in-Charge in writing.

20.2 The Employer reserves the right to hand over the Site in parts progressively to the Contractor. The Contractor will be required to take possession of the Site without any undue delay and do Work on the released fronts in parts without any reservation whatsoever.

20.3 However, in case of any delay in handing over of the Site to the Contractor, which delays the performance of the Work, commensurate to the resources mobilised by the Contractor, then the Contractor will be eligible for suitable extension in time for completion of the Works or any other compensation as per the provisions of GCC Sub-Clause 29.7.

20.4 The portion of the Site to be occupied by the Contractor shall be defined and/or marked on the Site plan, failing which these shall be indicated by the Engineer-in-Charge at Site and the Contractor shall on no account be allowed to extend his operations beyond these areas. Further, the Contractor shall not hinder in any way the working of other contractors on the Site.

20.5 The Contractor shall plan his work as per available roads at Site. Wherever, the access roads near to the Work Site are not available, the Contractor shall make his own arrangement for approach to the Work Site including borrow/disposal areas and for movement of men, machinery, other equipment etc. required for carrying out the Works included under this Contract. All drainage of Works area and all weather truckable/ haulage roads as required by the Contractor shall be

constructed and maintained during the construction period by the Contractor at his own cost.

20.6 The Contractor shall provide, if necessary, all temporary access to the Work Site and shall alter, adapt and maintain the same as required from time to time and shall take up and clear them away as and when no longer required and, as and when ordered by the Engineer-in-Charge and make good all damage done to the Site.

20.7 The Contractor shall be permitted the usage of all access roads built by the Employer for the purposes of the Contract. If any damage is done to such roads and associated areas like drains, culverts and the like, by the Contractor, the same shall be made good by the Contractor at his own cost, but as may be directed by the Engineer-in-Charge.

21. Duties and Powers of Engineer-in-Charge and his representatives

21.1 The Engineer-in-Charge shall have the full powers in respect of all the matters in connection with or arising out of this Contract, excepting those specifically reserved for the Employer. However, the Engineer-in-Charge shall not have any power to relieve the Contractor of any of his obligations and responsibilities under the Contract.

21.2 The duties of the representative of the Engineer-in-Charge are to watch and supervise the Works and to test and examine any materials to be used or workmanship employed in connection with the Works. He shall have no authority to order any work involving any extra payment by the Employer nor to make any variation in the Works, creating a financial liability to the Employer.

21.3 The Engineer-in-Charge may from time to time in writing delegate to his representative any of the powers and authorities vested in the Engineer-in-Charge and shall furnish to the Contractor a copy of all such written delegation of powers and authorities. Any written instruction or written approval given by the representative of the Engineer-in-Charge to the Contractor within the terms of such delegation shall bind the Contractor and the Engineer-in-Charge as though it has been given by the Engineer-in-Charge.

21.4 Failure of the Representative of the Engineer-in Charge to disapprove any work or materials shall not prejudice the power of the Engineer-in-Charge thereafter to disapprove such Work or materials and to order the pulling down, removal or breaking up thereof.

21.5 If the Contractor shall be dissatisfied with any decision of the representative of the Engineer-in-Charge he shall be entitled to refer the matter to the Engineer-in-Charge who shall there-upon confirm, reverse or vary such decision.

C. Payment

22. Contract Performance Security

22.1.1 The Contractor shall within twenty-one (21) days of the Letter of Award, provide a Contract Performance Guarantee (CPG) towards faithful performance of the Contract for ten percent (10%) of the Contract Price. Alternatively, the Contractor may furnish the Contract Performance Guarantee in two Stages viz. A Contract Performance Guarantee for an amount equivalent to 5% of the Contract Price within twenty-one (21) days from the date of Letter of Award to be followed up with another Contract Performance Guarantee for an amount equivalent to 5% of the Contract Price prior to the scheduled completion of 50% of total scope of work.

22.1.2 The Contractor also has the option to furnish an Initial Contract Performance Guarantee (ICPG) equivalent to a minimum of 2% of the Contract Price. In case of such a Contractor, who furnishes Initial Contract Performance Guarantee, the Employer shall at the time of making any payment to him for the work done under the Contract deduct towards the Contract Performance Security an amount equivalent to 10% of the gross bill amount accepted for payment until the Contract Performance Security so deducted including the amount of Initial Contract Performance Security becomes equal to 10% of the Contract Price, subject to the condition that whenever the Contract Performance Security so deducted reaches a limit of 2% of the Contract Price, the Contractor may convert the amount into a Bank Guarantee as aforesaid.

22.1.3 The Contract Performance Guarantee/Initial Contract Performance Guarantee shall be in the form of a Bank Guarantee issued by a Bank from the list enclosed in the Bidding Documents. The format of the said bank guarantee shall be in accordance with the format included in the Section VIII (Forms and Procedures). This bank guarantee shall have an initial validity upto ninety (90) days beyond the completion of Defect Liability Period of the Contract.

However, in case the date of completion of defects liability period gets extended, the validity of the Contract Performance Guarantee shall be extended by the period of extension of completion of defects liability.

22.2 One half (50%) of the Contract Performance Security amount shall be refunded/released to the Contractor on the issuance of Completion Certificate by the Engineer-in-Charge certifying the completion of entire Works under the Contract. The Engineer-in-Charge shall on demand from the Contractor, release/refund the remaining portion of the Contract Performance Guarantee on expiry of the Defects Liability Period or on payment of the amount of the Final Bill payable, whichever is later, provided the Engineer-in-Charge is satisfied that there is no demand outstanding against the Contractor, arising out of the Contract.

22.3 No interest shall be payable to the Contractor against the Contract Performance Guarantee furnished/recovered by way of deductions from running account payments from the Contractor, by the Employer.

23. Advance

23.1 Mobilisation Advance

- i) A lumpsum mobilisation advance not exceeding 4% of the Contract Value as awarded shall be paid to the Contractor at the rate of interest mentioned in SCC subject to the following conditions:
- a) On unconditional acceptance of Letter of Award by the Contractor.
 - b) Acceptance and finalisation of detailed Work Schedule and finalisation of equipment mobilization schedule.
 - c) Submission of an irrevocable bank guarantee for the amount equivalent to 110% of the advance plus GST as applicable on the advance payment to be paid to the contractor in the proforma of bank guarantee provided in Section-VIII (Forms and Procedures) - Proforma of Bank Guarantee for Lumpsum Advance from any bank from the list enclosed in Bidding Documents and acceptable to the Employer.
 - d) Finalisation of Quality Assurance Programme in accordance with GCC Clause entitled 'Quality Assurance programme'.
 - e) Submission of an unconditional, irrevocable bank guarantee for the amount of Initial Contract Performance Security Deposit/ Contract Performance Security Deposit from any bank from the list enclosed in Bidding Documents and acceptable to the Employer in the proforma of bank guarantee provided in Section VIII (Forms and Procedures)- Form of Bank Guarantee for Contract Performance Guarantee.
 - f) On completion of the requirement of Qualifying Requirements, the documentation in respect of associate(s), if applicable, in line with the provisions thereof in BDS, and on submission of an unconditional and irrevocable bank guarantee from any bank as per list enclosed in Bidding Documents and acceptable to Employer in the proforma provided in Section VIII (Forms and Procedures).
 - g) The advance payment shall be released only after the verification and confirmation of the above bank guarantees from the issuing bank.
- ii) A further lumpsum mobilisation advance not exceeding 4% of the Contract Value as awarded shall be paid to the Contractor from Project Site at the rate of interest mentioned in SCC subject to the following conditions:
- a) Fulfilment of conditions mentioned at GCC Sub-Clause 23.1 (i) a, b, d, e & f.
 - b) On certification of the Engineer-in-Charge that the Contractor has opened his office at Site and mobilised the plant and equipment specifically identified in Letter of Award of the Contract for releasing this advance.

- c) Submission of an irrevocable bank guarantee for the amount equivalent to 110% of the advance plus GST as applicable on the advance payment to be paid to the contractor in the proforma provided in Section-VIII (Forms and Procedures) - Proforma of Bank Guarantee for Lumpsum Advance from any bank from the list enclosed in Bidding Documents and acceptable to the Employer.
- d) The advance payment shall be released only after the verification and confirmation of the above bank guarantees from the issuing bank.
- e) Mobilisation advance shall be released after certification of Engineer-in-Charge that the Contractor has brought to site the Safety equipment & Safety Personal Protective Equipment as per minimum quantity specified in the Bidding Documents.

In case the Contractor decides not to take Mobilisation advance, the first progressive payment shall be released after certification of Engineer-in-Charge that the Contractor has brought to site the Safety equipment & safety Personal Protective Equipment as per minimum quantity specified in the Bidding Documents.

23.2 **Equipment Advance**

An amount not exceeding 75% of the purchase price of the new plant and equipment specifically acquired for the Work and brought to Site against production of documents in support thereof and subject to the condition that the Engineer-in-Charge considers the price reasonable and that such plant and equipment are necessary for the Works and not in excess of requirements and are hypothecated in favour of the Employer in the form required by the Employer shall be payable. "In case the Contractor is an entity other than a Sole Proprietorship Concern or a Partnership Firm, the Contractor shall get the Hypothecation Deed thus executed, registered with the Registrar of Companies in the manner and timeframe required as per the Companies Act, 2013 of India. "Interest on the advance outstanding, shall be levied at the percentage mentioned in SCC. Total advance amount against plant and equipment shall in no case exceed 6% of the total contract value as awarded. Provided that if a request for loan is made by the Contractor against both the aforementioned provisions of this condition, viz. GCC Sub-Clauses 23.1 and 23.2, the total sum to be given as loan shall not exceed 10% of the total contract value as awarded.

- 23.3 All the above advances mentioned at GCC Sub-Clause 23.1(i), 23.1 (ii) and 23.2 shall be interest bearing and the rate of interest for mobilization advance and equipment advance shall be as specified in SCC.
- 23.4 Any of the above advances may be claimed by the Contractor at his option in instalments.
- 23.5 The above advance shall be utilised by the Contractor for the purposes of this Contract only and for no other purpose.

- 23.6 All payments of advances may be released electronically, wherever technically feasible.
- 23.7 The recovery of the advances as above and interest thereon shall be made by deduction from the on account payments referred to in GCC Clause entitled 'Payment on Account/Progressive Interim Payments' in suitable percentages fixed by the Engineer-in-Charge in relation to the total cumulative advances released and the progress of the work, so that all the sums advanced with interest thereon shall be fully recovered starting from the time 10% and ending by the time 80% of the Work as awarded is completed. If the amount payable under any interim bill is not sufficient to cover all deductions to be made for sums advanced with interest and other sums deductible therefrom, the balance outstanding shall be deducted from subsequent interim bill/bills, as may be necessary, failing that, as otherwise provided for in the Contract.
- 23.8 If for any reason, except for reasons of default of the Contractor, the Work under the Contract is suspended continuously for more than fourteen(14) days, the Contractor shall be at liberty to remove the plant and equipment or any part thereof hypothecated to the Employer under GCC Sub-Clause 23.2 above, to any other work site of the Contractor for carrying on his other works, on his furnishing prior to such removal a bank guarantee acceptable to the Employer for the amount of the outstanding advance granted under GCC Sub-Clause 23.2 above with interest and upon the Contractor undertaking to bring back to the Site, before expiry of the period of suspension, such plant and equipment as may be necessary for completion of the Works. If any such Plant and Equipment are not brought back, the Contractor shall forthwith repay the amount for the advance outstanding with interest thereon against such plant and equipment.
- 23.9 The value of the bank guarantees towards any of the above advances shall be reduced every three (3) months after the date of commencement of recovery of corresponding advance and interest thereon under the Contract in accordance with GCC Sub-Clause 23.7. The quantum of reduction of the value of bank guarantee at any point of time shall be proportional to the quantum of work completed as certified by the Engineer-in-Charge **and applicable GST**. The Bank Guarantee value shall stand reduced to zero on completion of total work by the Contractor under the Contract as certified by the Engineer-in-Charge. It should be clearly understood that reduction in the value of bank guarantee towards advance shall not in any way dilute the Contractor's responsibility and liabilities under the Contract including in respect of the Works for which the reduction in the value of bank guarantee is allowed.

24. Payment on Account/Progressive Interim Payments

- 24.1 Bills for progressive payments shall be submitted by the Contractor on monthly basis, on or before the date fixed by the Engineer-in-Charge for the Work executed during the preceding period. The Engineer-in-Charge shall then arrange to have the bill verified for payment.
- 24.2 The progressive payment shall be released after certification by Employer's Field

Quality Assurance Department that the Works have been performed in accordance with the Technical Specifications and also upon authorisation for the payment by the Engineer-in-Charge. However, the release of first progressive interim payment shall also be subject to submission of documentary evidence by the Contractor towards having taken the insurance policy(ies) in terms of relevant provisions of GCC Clause entitled Contractor's Liability and Insurance' and acceptance of the same by Engineer-in-Charge.

24.3 (i) The Contractor shall maintain a separate account with a Scheduled Bank at Site for the purpose of receiving all the payments under the Contract(s) and for utilization of payments received from the Employer for disbursement to sub-contractors, sub-vendors, PRW's etc., of the Contractor. The Contractor shall maintain separate books of accounts for all payments under this Contract and the Engineer-in-Charge shall have access to these at all times.

(ii) Account Tracking Mechanism

In case the Contractor wants to withdraw funds from the above bank account for any purposes other than the Contract, he shall be required to submit an undertaking to the Engineer-in-Charge certifying that all due statutory payments, labour payments and payments to all his sub-contractors have been disbursed corresponding to the total payment received by him under the Contract.

For tracking of payments received from the Employer, the Contractor shall also submit a monthly statement by 7th of every month certifying the transactions pertaining to the above account along with the purpose of such transactions. In case the Contractors transfers funds for any purposes other than the Contract, without prior consent of the Employer, it will constitute a breach of Contract by the Contractor.

(iii) In case the Contractor violates the above provisions, NTPC will have the right to give suitable instructions to the Bank to regulate / freeze the account.

24.4 (i) In case of part acceptance of the Work, the Engineer-in-Charge shall have the right to release payment for that part of the Work.

(ii) Acceptance of the Work without fulfilling all the obligations mentioned under rates and measurement in Technical Specifications shall be considered as part acceptance of Work.

24.5 Payment on account for amount admissible shall be made on the Engineer-in-Charge certifying the sum to which the Contractor is considered entitled by way of interim payment for the following:

(a) all Work executed, after deducting therefrom the amounts already paid, the performance security deposit and such other amounts as may be deductible

or recoverable in terms of the Contract;

- (b) 75 per cent of the cost (as assessed by the Engineer-in-Charge) of any materials which are in the opinion of the Engineer-in-Charge reasonably required in accordance with the Contract with respect to the period of utilisation & quantum and have been brought to Site for incorporation in the Works and are safeguarded against loss due to any cause whatsoever to the satisfaction of the Engineer-in-Charge, but have not been so incorporated; provided the Contractor provides an insurance cover for the full cost of such materials.
- (c) Unless specifically certified/authorised by the Engineer-in-Charge, no such payment shall be made against the materials brought to Site which in the opinion of the Engineer-in-Charge are not likely to be used/incorporated in the Works in the ensuing period of four (4) months.

24.6 The payments against materials brought to Site under (b) above shall be adjusted as and when materials are utilised/ incorporated in the Works.

24.7 The Contractor shall submit his bill, by the date stipulated by the Engineer-in-Charge, in the prescribed proforma, supported with measurements, jointly acknowledged and accepted in the measurement books. Payments of the Contractor's bill shall be paid by the Employer within twenty-one (21) days from the date of submission of bill subject to the authorisation of the Engineer-in-Charge. Alternatively, if so desired by the Contractor, after preliminary scrutiny and certification by the Engineer-in-Charge, 75% of the certified net payable amount shall be made by the Employer within seven (7) days. The amount certified shall account for all deductions, including statutory deductions as for **GST (if applicable)**, income tax, etc., recoveries for advances and any other amounts due from the Contractor. The balance 25% shall be paid within twenty-one (21) days, from the date of submission of the said bill. Such payments made by the Employer shall not constitute any acceptance of the measurements of items of the Works by the Employer and the Engineer-in-Charge shall have the right to alter, modify, reduce or diminish the quantities or classification entered in the Measurement Books or Bills. The Employer shall have right to recover any amount paid in an earlier bill from any subsequent bill and should the amount to be recovered be more than the amount of the subsequent bill, the Contractor shall on demand from the Engineer-in-Charge or Employer immediately refund the extra amount to the Employer within seven(7) days. Wherever technically feasible, the payments shall be released electronically only as per details of bank account indicated in the Contract.

24.8 Any interim certificate given relating to Work done or materials delivered, may be modified or corrected by any subsequent interim certificate or by the final certificate. No certificate of the Engineer-in-Charge supporting an interim payment shall itself be conclusive evidence that any Work or materials to which it relates is/are in accordance with the Contract.

24.9 In case of the delayed Work beyond the scheduled completion period, pending consideration of extension of time of completion if it had been requested by the Contractor, interim payments shall continue to be made as herein above provided.

24.10 GST applicable upon on account payment shall be paid/reimbursed to the Contractor along with such payments, on production of satisfactory documentary evidence by the Contractor. However, GST as applicable on Advance payment shall be paid to the Contractor along with the Advance sanctioned. The GST paid along with advance shall be adjusted prorata against the tax due upon on account payment, based on the value of the advance recovered from such on account payment.

Notwithstanding anything to contrary contained in the Contract, the Contractor's right to payment under the Contract is subject to issuance of valid tax invoice, payment of applicable GST to the credit of appropriate Government and submission of valid particulars of tax invoice under GST returns in accordance with GST Law.

The Contractor shall issue tax invoices, file appropriate returns, and deposit the applicable GST to the account of appropriate government within the time limit prescribed under the GST Law. In the event of any default, Contractor shall be liable to pay any penalty/demand raised on NTPC due to default by Contractor, and the same shall be recovered/Contractor shall make good the loss.

The Contractor shall be responsible for the issuance of e-way bill and other compliances relating to e-way bill as per GST law.

25. **Contract Price Adjustment**

25.1 The "Contract Price" (for definition please refer to GCC Clause titled "Definition") as awarded shall be the Base Contract Price.

25.2 The rates quoted by the Bidder shall be the base price which will be subject to price adjustment in accordance with the conditions and formula prescribed herein and further subject to satisfying the requirements specified in this clause only.

25.3 A certain fixed percentage of the base price shall not be subject to any price adjustment. The balance percentage to be specified, shall be of identified components towards labour, material(s), steel, cement and Diesel oil/(POL) and shall be subject to Price Adjustment.

25.4.1 The actual amount of Price Adjustment shall be determined by satisfying the conditions specified herein and shall not exceed the maximum limit as specified in SCC.

25.4.2 The value of "F" as specified in these **Special** Conditions of Contract will remain unchanged and fixed component shall not be disputed.

25.5 No ceiling limit on Price Adjustment on the base contract price.

25.6 Price Adjustment(s) shall be calculated for the quantum of works executed for the month or the period of the bill as per agreed Work Schedule. For the purpose of payment/recovery of price variation provisions, the Contractor would be eligible for

such claims or shall be liable for refund on the quantum of work scheduled or the actual quantum of work done provided always that the quantum of work done is more than or equal the scheduled quantum of work as per the agreed Work Schedule. In other words, the Contractor shall not be eligible for these claims nor liable or payment/refund under these provisions if the work has been delayed beyond the scheduled date(s) for reasons attributable to Contractor. However, the Contractor would be eligible for claim or liable for refund for Price Adjustment(s) for quantities of work executed beyond the scheduled dates based on the value of the indices as applicable to the scheduled dates of execution, for such delayed work provided that if the indices during the extended periods are lower than the indices during scheduled dates of execution, then lower indices shall be applicable.

- 25.7.0 Additional, altered or substituted items of work, derived from the agreed schedule of rate (to be attached in the "Award Letter") will also attract price adjustment as per this clause. No price adjustment is payable for the rate/amount of the additional, altered or substituted items of works, when derived from or based on Market rates as per clause 49 of SectionIV, GCC. No price adjustment for the cost of Owner Issued materials (viz. steel & cement or any other item(s) issued from Owner's Store) shall be applicable, which are issued at free of cost to the Contractor.
- 25.8.0 Every month after the award of Contract, the Contractor shall submit to the Engineer-in-Charge, a written notice of the changes, if any, that have occurred in the specified indices of materials, labour, Gases or High Speed Diesel Price, during the previous reporting period containing the effective date of such change, the amount of change for the claim of the amount of Contract price adjustment with authenticated documentary evidence of the relevant published indices/diesel price to substantiate the price adjustment.
- 25.9.0 Provided further that such payment/refund shall not be operative and payable after the Schedule expiry of the Contract period or authorized extended Contract period or extended date of completion of works or items of works in question, whichever is earlier.
- 25.10.0 In cases, the work or items of work, or group of items of work, are delayed beyond the schedule dates for the work, for reasons attributable to the Contractor, the price adjustment provisions shall not be applicable for the period of time between the schedule date and the actual date, but for as provided above in sub-clause 25.6.0.
- 25.11.0 For this purpose, the schedule date of work shall be as identified in line with provisions of clause entitled "TIME AND EXTENSION FOR DELAY" and/ or "The Work Schedule/ Bar Chart" (which will be discussed and finalised before Award of work) wherein the separate period of completion has been specified/ agreed to for items, or groups of items, or works.
- 25.12.0 **TOTAL ADJUSTED CONTRACT PRICE**
The total adjusted Contract price shall be Sigma (ACP) + other elements of Contact price if any.
- 25.13.0 Except as provided therein, no other expenditure incurred by the Contractor, due to levy of additional/increase in royalty, insurance premium(s) benefits to workers/ Labourers or any other Clause(s)/ items(s) due to any reason whatsoever, shall be

payable to the Contractor.

25.14.0 **Tender specifying provisions other than those specified above run the risk of rejection.**

25.15.0 The Contractor shall be required to produce necessary "Price List" for High Speed Diesel at the Indian Oil Corpn. retail outlet nearest to the project and "Monthly Bulletins" issued by office of the Economic Adviser, Ministry of Commerce & Industry, Government of India/ Labour Bureau, Shimla (as published by RBI) or any other related bulletin for materials/ Labour for receiving payments from Employer/ Refund to be made to Employer as required in the Price Adjustment Formula mentioned above.

26. **Taxes, Duties, Levies etc.**

26.1 Except as other wise specifically provided in the Contract, the Contractor shall be liable and responsible for the payment of all taxes, duties, levies and charges imposed on the Contractor, its Sub-Contractors and those imposed on the Contractor's equipment, materials, supplies and services to be used in the performance of the Contract or furnished under the Contract.

26.2 The Award of the Contract is on 'Works Contract' basis. Notwithstanding GCC Sub-Clauses 26.1 above, the Employer shall bear and pay/reimburse to the Contractor, Goods and Services Tax (GST) applicable on the items of Works Contract described in the Schedule of Quantities. However, the taxes, duties & levies as may be applicable on the materials used for Works Contract shall be to the contractor's account and no separate claim in this regard will be entertained by the Employer. Further, in case of any variation in the rates of the GST after the date seven (7) days prior to deadline set for submission of the Techno-Commercial bids, the same shall be paid/ reimbursed to/ recovered from the Contractor subject to submission of documentary evidence.

26.3 It shall be incumbent upon the Contractor to obtain a registration certificate under the GST Law, and other law(s) relating to levy of tax, duty, cess etc. and necessary evidence to this effect shall be furnished by the Contractor to the Employer. If the Contractor intends to engage itself in quarrying or mining of soil/earth, sand, stone/aggregates, metals, minerals or minor minerals required for the Works, as the case may be, it shall obtain necessary permits under the applicable law for such mining or quarrying from the State/Central Government authorities and pay the fee or charges applicable thereto.

26.4 The Contract Price shall be inclusive of any Royalties or Seigniorage Fee or Cess or other charges payable on the quarried or mined metal, minerals, or minor minerals, as the case may be, at the rate(s) prevailing as on seven (7) days prior to the deadline set for submission of bids.

26.4.1 It shall be the responsibility of the Contractor to ensure that the Royalties or Seigniorage Fee or Cess or other charges on the quarried or mined metal, minerals or minor minerals are paid to the statutory authorities.

26.4.2 The component of Royalties or Seigniorage Fee or Cess or other charges, if applicable in a running account bill, shall only be released by the Employer to the Contractor on submission of the following documents in original:

- A) In case the Contractor is the primary license holder of the quarry / mines:
- i) Vehicle wise challan / transit permit and proof of payment of royalty, and
 - ii) Any other document required as per the relevant Acts/Rules of the concerned state.
- B) In case the Contractor is the purchaser of soil/earth, sand, stone/aggregates, metals, minerals or minor minerals:
- i) Purchase voucher and vehicle wise challan / transit permit and proof of payment of royalty, and
 - ii) Any other document required as per the relevant Acts/Rules of the concerned state.

26.4.3 Final bill payment shall be released to the Contractor on production of royalty clearance certificate issued by the concerned statutory authorities for total quantity of quarried or mined metal, minerals, or minor minerals required for the Works.

26.4.4 The Contractor shall pay and indemnify the Employer against any default in payment of Royalties or Seigniorage Fee or Cess or other charges by the Contractor or the agency from which the Contractor purchases soil/earth, sand, stone/aggregates, metals, minerals or minor minerals.

26.4.5 In the event of there being a statutory increase in the rates of royalty charges/fresh levy of royalty on materials, the same shall be reimbursed to the Contractor upon submission of original challan by him of having made the payments at revised rates. In the event of there being a decrease in such rates, the same shall be recovered from the Contractor. The base date for calculating the increase or decrease shall be the rate as on seven (7) days prior to the date of Techno-Commercial bid opening. The total reimbursement (positive or negative) as specified above, to be paid or recovered, shall however be calculated on the quantity of materials actually considered while making the royalty payments to the concerned authorities, or the theoretical consumption of these materials (calculated on the basis of the volume of concrete or fill accepted for payment), whichever is less, and on the basis of documentary evidence of Govt. Notification. However, the Contractor will settle claims, if any, on account of over charge by the State Authorities.

26.5 If a new tax, duty or levy is imposed under statute or law in India after the date seven (7) days prior to deadline set for submission of the bids and the Contractor becomes liable there under to pay and actually pays the said new tax, duty or levy for bonafide use on the Works contracted, the same shall be reimbursed to the Contractor against documentary evidence of proof of payment, provided that the amount thus claimed is not paid/payable under price variation provision of the Contract.

26.6 The payment/reimbursement of statutory variations in the rates of tax and/or of new tax, duty or levy imposed under statute or law in India as per GCC Sub-Clauses 26.2, 26.3, 26.4 and 26.5 above, would be restricted only to direct transactions between the Employer and the Contractor.

26.7 The Employer shall be entitled to make necessary tax deductions at source as per the prevalent laws. The Contractor shall be required to submit the PAN details to the Engineer-in-Charge before the submission of the first bill/ invoice under the Contract.

26.8 The Contractor shall himself be informed of all the applicable laws, notifications, rules, circulars and other communications of the State or Central or other authorities with regard to levy of any tax, duty, cess, levy or fee etc, which in any manner may impinge upon him in performance of any obligations/responsibilities under or arising out of the Contract.

27. Overpayments and Underpayments

27.1 Wherever any claim for the payment of a sum of money to the Employer arises out of or under this Contract against the Contractor, the Contractor upon demand by the Employer or by the Engineer-in-Charge on behalf of the Employer, with explanation of the reasons for such a sum/ claim becoming due, shall forthwith pay the same to the Employer. If the Contractor fails to do so within twenty-one (21) days of such a claim, then the same may be deducted by the Employer from any sum then due or which at any time thereafter may become due to the Contractor under this Contract or from any other sum due to the Contractor from the Employer which may be available with the Employer or from his security deposit.

27.2 The Employer reserves the right to carry out post payment audit and technical examination of the final bill including all supporting vouchers, abstracts, etc. The Employer further reserves the right to enforce and recover any overpayment when detected, notwithstanding the fact that the amount of the final bill may include any item which is under dispute between the parties and referred to for settlement under GCC Clause entitled 'Settlement of Disputes' and notwithstanding the fact that the amount of the final bill figures in the arbitration decision/award.

27.3 If as a result of such audit and technical examination, any overpayment is discovered in respect of any Work done by the Contractor or alleged to have been done by him under the Contract, it shall be recovered by the Employer from the Contractor by any or all of the methods prescribed above. Similarly, if any underpayment is discovered by the Employer, the amount shall be duly paid to the Contractor by the Employer forthwith.

27.4 Provided that the aforesaid right of the Employer to adjust overpayments against amounts due to the Contractor under any other Contract with the Employer shall not extend beyond the period of two years from the date of payment of the final bill or in case the final bill is a minus bill, from the date the amount payable by the Contractor under the minus final bill is communicated to the Contractor.

27.5 Any amount due to the Contractor under this Contract for underpayment may also be adjusted against any amount then due or which may at any time thereafter become due from the Employer to the Contractor under any other Contract or account whatsoever.

28. Time Limit for submission & payment of Final Bill and waiver of rights of all

claims

28.1 The final bill shall be submitted by the Contractor within three (3) months of physical completion of the Works unless otherwise a longer period is agreed to between the Engineer-in-Charge and the Contractor. No further claims shall be made by the Contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of the final bill will be made within four (4) months of receipt of the same

D. Execution of Facilities

29. Work Commencement, Execution & Delays

29.1 Commencement of Works

The execution of the Works shall commence from the 14th day after the date on which the Engineer-in-Charge issues written orders to commence the Work, unless otherwise stated elsewhere in the Contract.

29.2 Time for Completion

The entire scope of Work covered under this Contract shall be completed within the time stated in SCC or within such extended time granted to the Contractor by the Employer under the provisions of GCC Sub-Clause 29.5. The time allowed for execution of the Works as specified in the SCC or the extended time in accordance with these Conditions shall be the essence of the Contract.

29.3 Work Progress

29.3.1 Unless already incorporated in the Letter of Award, as soon as possible after the Contract is awarded, the Engineer-in-Charge and the Contractor shall agree upon a Work Schedule which will become the Contract Work Schedule. The Work Schedule shall be prepared in direct relation to the time stated in the Contract documents for the completion of the Works. The Work Schedule shall indicate the forecast of the dates of commencement and completion of various trades or sections of work.

29.3.2 All the Contractor's activities shall be performed and completed strictly in accordance with the agreed Work Schedule and to achieve the targets, the Contractor shall have to plan adequate mobilisation of all resources. The Engineer-in-Charge, shall however, have the right to review the progress and modify the sequence of carrying out the Work suiting the Site conditions and the Contractor shall be required to comply with such modifications and complete his activities in accordance thereof without any extra cost to the Employer.

29.3.3 Maintenance of Records of Weekly Progress Review Meetings at Site

The Contractor shall be required to attend all weekly site progress review meetings

organized by the 'Project Manager' or his authorised representative. The deliberations in the meetings shall inter alia include the weekly program, progress of work (including details of manpower, tools and plants deployed by the contractor vis-a-vis agreed schedule), inputs to be provided by Employer, delays, if any and recovery program, specific hindrances to work and work instructions by Employer. The minutes of the weekly meetings shall be recorded in triplicate in a numbered register available with the 'Project Manager', or his authorized representative. These recordings shall be jointly signed by the Project Manager or his authorized representative and the Contractor and one copy of the signed records shall be handed over to the Contractor. The following documents shall form the principal basis for consideration of Time Extension Pursuant to GCC Clause 29.5 with or without LD, determining the compensation amount pursuant to GCC Clause 29.6 and settlement of extra claims during the execution of contract: 1. The joint recordings in the weekly review meetings register 2. Records of Technical Coordination Meetings 3. Records of Contract Review Meetings 4. Written notices issued by the "Engineer in Charge" or his authorized representative to contractor in the relevant period.

29.4 Contract Coordination Procedures, Coordination Meetings & Progress Reporting

29.4.1 The Contractor shall prepare and finalise in consultation with the Engineer-in-Charge, a detailed contract coordination procedure within twenty-eight (28) days from the date of issue of Letter of Award, for the purpose of execution of the Contract.

29.4.2 The Contractor shall have to attend all the meetings at his own cost with Engineer-in-Charge or any authorised representative of the Employer during the currency of the Contract, as and when required and fully cooperate with such persons and agencies involved during these discussions.

29.4.3 During the execution of the Work, the Contractor shall submit at his own cost a detailed monthly progress report to the Engineer-in-Charge in three copies, latest by 14th of every month.

29.5 Extension of Time for Completion

29.5.1 The Time for Completion specified shall be extended if the Contractor is delayed or impeded in the performance of any of the obligations under the Contract by reason of any of the following:

- a) any occurrence of Force majeure as provided in GCC Clause entitled 'Force Majeure', or
- b) Work Schedules for beyond deviation limits & Extra Items as provided in GCC Sub-Clause 49.5, or
- c) any default or breach of the Contract by the Employer, or delay on the part of other contractors engaged by the Employer in executing work not forming part of this Contract, or

- d) any suspension order given by the Employer under GCC Sub-Clauses 50.1 (ii) and 50.1 (iii), or
- e) Any other sufficient cause which, in the opinion of the Engineer-in-Charge, is beyond the Contractor's reasonable control;

by such period as shall be fair and reasonable in all the circumstances and as shall fairly reflect the delay or impediment sustained by the Contractor.

29.5.2 Except where otherwise specifically provided in the Contract, the Contractor shall submit to the Employer a notice in writing of a claim for an extension of the Time for Completion, together with particulars of the event or circumstance justifying such extension as soon as reasonably practicable, but no later than twenty-eight (28) days after the commencement of such event or circumstance. As soon as reasonably practicable, after the receipt of such notice and supporting particulars of the claim, the Employer shall give a fair and reasonable extension of time for completion of Work. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within fifty-six (56) days of the date of receipt of such request by the Engineer-in-Charge.

29.5.3 The Contractor shall at all times use his reasonable efforts to minimise any delay in the performance of his obligations under the Contract.

29.5.4 The compensations, if any, payable to the Contractor on account of any one or more of the above reasons of delay have been separately dealt with under relevant provisions of the Contract.

29.6 Liquidated Damages for Delay

29.6.1 If the Contractor fails to complete the Work on or before the scheduled or extended date of completion as per GCC Sub-Clauses 29.2 and 29.5, he shall, without prejudice to any other right or remedy of the Employer, arising out of the Contract on account of such delay, be liable for payment of liquidated damages, not as penalty, as per provisions of SCC Clause entitled 'Liquidated Damages for Delay'.

29.6.2 The following documents shall form the principal basis for consideration of Extension of Time for Completion pursuant to GCC Sub-Clause 29.5 with or without Liquidated Damages and determining the compensation amount pursuant to GCC Sub-Clause 29.6.

1. The joint recordings in the periodic meeting register,
2. Records of Technical Coordination meetings,
3. Records of Contract Review meetings,
4. Written notices issued by the Employer and/or the Engineer-in-Charge or his authorized representative to the Contractor in the relevant period.
5. Written requests/ notices by the Contractor to Employer/ Engineer-in-Charge in

the relevant period.

29.7 Delays by Employer or his Authorised Representative

29.7.1 In case the Contractor's performance is delayed due to any act of omission on the part of the Employer or his authorised representative, then the Contractor shall be given appropriate extension of time for the completion of the Works, to the extent such omission on the part of the Employer has caused delay in the Contractor's performance of his work. Regarding reasonableness or otherwise of the extension of time, the decision of the Engineer-in-Charge shall be final.

29.7.2 If such delays by the Employer have resulted in any increase in the cost to the Contractor, the Contractor shall be eligible to claim demonstrable and reasonable costs supported by full details of such increased costs incurred by him with all documentary evidence. The Employer shall examine the justification for such a request for claim and if satisfied, the extent of compensation shall be mutually agreed depending upon the circumstances at the time of such an occurrence.

30. Sub Contracts

30.1 After the award of the Contract, the Contractor shall not subcontract the Works/ any part of the Works without the prior written consent of the Engineer-in-Charge. Any such consent shall not relieve the Contractor from any liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of any Sub-Contractor, his agents, servants or workmen as fully as if they were the acts, defaults or neglects of the Contractor, his agents, servants or workmen.

Provided that the Contractor shall not be required to obtain such consent for:

- a) the provision of labour,
- b) the purchase of materials which are in accordance with the standards specified in the Contract, or
- c) the subcontracting of any part of the Works for which the sub-contractor is named in the Contract.

In the event of the Contractor proposing a sub-contractor for any part of the Works after the award of the Contract, he shall be required to take approval from the Engineer-in-Charge. If the Engineer-in-Charge approves of the same, he shall stipulate qualifying requirements for the sub-contractors to perform the specified part of Work. The Contractor will then submit the requisite credentials of the agency(ies) he proposes to engage. The details so furnished by the Contractor shall be reviewed by the Employer. In case the agency(ies) proposed by the Contractor for the subcontracting are not considered acceptable, the Contractor will be required to furnish credentials of alternate agency(ies) for approval of Engineer-

in-Charge. Based on the review and assessment, the agency(ies) shall be approved by the Engineer-in-Charge within twenty-one (21) days of furnishing of credentials by the Contractor.

30.2 Where a list of approved agencies for a sub-contracting work is provided in the Contract, the Contractor shall inform the name of the sub-contractor selected by him within a period as agreed with the Engineer-in-Charge, however not later than twenty-eight (28) days of the date of such selection.

31. **Setting out the Works**

31.1 The Engineer-in-Charge shall supply dimensioned drawings, levels and other information necessary to enable the Contractor to set out the Works and the Contractor shall set out the Works and be responsible for the accuracy of the same. He shall amend at his own cost and to the satisfaction of the Engineer-in-Charge any error found at any stage which may arise through inaccurate setting out unless such error is based on incorrect data furnished in writing by the Engineer-in-Charge, in which case the cost of rectification shall be borne by the Employer. The Contractor shall protect and preserve all bench marks used in setting out the Works till date of submission of final bill under the Contract, unless the Engineer-in-Charge directs otherwise.

32. **Methodology of Construction & Equipment Mobilisation**

32.1 Methodology of construction and the work plan adopted by Contractor shall match the construction methodology/requirements specified in Technical Specifications.

32.2 The suggested minimum plant & equipment and machinery to be deployed by the Contractor for the execution of Work shall be as given in Technical Specifications.

32.3 The Contractor shall arrange at his own expense all tools, plant and equipment including Crane(s) (hereinafter referred to as T&P) required for execution of the work.

32.3.1 If the Contractor requires any item of T & P on hire from the Employer, the Employer will, if such item is available, hire it to the Contractor at an hourly rate to be fixed by the Engineer-in-Charge.

32.3.2 The T&P shall be given to the Contractor on hire by the Employer for a period of one hour or its multiple thereof. In case the T&P is hired by the Contractor for a period of four hours or less, the hire charges applicable for a minimum period of four hours shall be recovered from the Contractor's bills. In case the T&P is hired by the Contractor for a period exceeding four hours, the hire charges shall be calculated based on the charges applicable as per hourly rate. The hire charges in respect of T&P given on hire to the Contractor by the Employer shall be recovered from the Contractor's bills.

32.3.3 For accounting purpose, total working hours shall be considered to be the period between time of placement of T&P to the Contractor at the requested location and time of release of the same. This shall be logged in Record Book on daily basis

and shall be signed between Contractor/ Subcontractor and the Engineer-in-charge or his authorised representative. In case the T&P issued to the Contractor is not owned by the Employer but hired from another agency, the authorised representative of the agency providing the T&P will also sign the said Record Book. In case the Contractor contests correctness of any entry and/or fails to sign the Record Book the decision of the Engineer-in-Charge shall be final and binding on him. Hire charges shall be calculated in accordance with the entries in the Record Book.

32.3.4 The Contractor will be exempted from levy of any charges for the number of days he is called upon in writing by the Engineer - in- Charge to suspend execution of the work, provided Employer's T & P/ T&P hired by the Employer in question has, in fact, remained idle with the Contractor because of the suspension, provided the Contractor, in case the period of suspension exceeds 11 days, returns Employer's T & P/ T&P hired by the Employer to the place from where it was issued.

32.3.5.1 **T&P owned by Employer**

The hire charges will cover financing cost, charges of crew, depreciation, stores for maintenance and cleaning purposes and fuel needed to start a machine at the time of issue. All other charges such as cost of fuel for running a machine, engine oil, kerosene oil, etc., for working Employer's T&P, and all unskilled labour and water required for servicing/wash out shall be borne by the Contractor. The Contractor shall permit the Engineer-in-Charge to carry out periodical maintenance of Employer's T&P in accordance with the provision there for in the aforesaid Schedule, and there will be no deduction in hire charges for the period spent on such maintenance.

However, the Contractor shall be allowed to return the tools and plants (issued by the Employer) for purposes of repairs and for the duration of such repairs no hire charges shall, be levied.

The Contractor shall be responsible for care and custody of Employer's T&P (including employment of chowkidars) during the period Employer's T&P remain with him and any damage (fair wear and tear excepted) to any of the equipment(except for Excepted Risks provided always the Contractor has taken precautions necessary to protect it from such risks) shall be made good at the Contractor's expense to the satisfaction of the Engineer-in-Charge unless such damage is caused because of negligence of crew provided by the Employer.

32.3.5.2 **T&P hired by the Employer**

The hourly hiring rate for T&P hired by the Employer from another agency and issued to Contractor shall be all inclusive rate including the cost of hiring, operation & maintenance charges, fuel charges and other charges.

32.3.6 The Employer gives no guarantee in respect of output of T & P hired to the Contractor and no reduction in rates or any compensation shall be allowed on the ground that out turn or performance of Employer's T & P/ T&P hired by the

Employer was not to the Contractor's expectation.

- 32.3.7 The T&P hired to the Contractor shall be returned at the place of issue by the Contractor to the Engineer-in-Charge (unless otherwise directed) on execution of the work or section of the work at the end of the day. In case the T&P is used by the Contractor in continuation of previous requisition and the crane has not moved out of his work area, then the movement of crane for fresh requisition(s) by the Contractor within his work area shall be to the Contractor's account.
- 32.3.8 The Employer shall be entitled to terminate the hire without assigning any reason whatsoever and the Contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of termination of hire of T&P issued by the Employer. On termination of the hire by the Employer, the Contractor shall return the T&P at the place of issue unless otherwise directed by the Engineer-in-Charge.
- 32.4. The Contractor shall arrange at his own expense all tools, plant and equipment including Crane(s) (hereinafter referred to as T&P) required for execution of the work.
- 32.4.1 If the Contractor requires any item of T&P on hire from the Corporation, the corporation will, if such item is available, hire it to the Contractor at an hourly rate to be fixed by the Engineer-in-Charge.
- 32.4.2 The T&P shall be given to the Contractor on hire by the Corporation for a period of one hour or its multiple thereof. In case the T&P is hired by the Contractor for a period of four hours or less, the hire charges applicable for a minimum period of four hours shall be recovered from the Contractor's bills. In case the T&P is hired by the Contractor for a period exceeding four hours, the hire charges shall be calculated based on the charges applicable as per hourly rate. The hire charges in respect of T&P given on hire to the Contractor by the Corporation shall be recovered from the Contractor's bills.
- 32.4.3 For accounting purpose, total working hours shall be considered to be the period between time of placement of T&P to the Contractor at the requested location and time of release of the same. This shall be logged in Record Book on daily basis and shall be signed between Contractor/ Subcontractor and the Engineer-in-charge or his authorised representative. In case the T&P issued to the Contractor is not owned by the Corporation but hired from another agency, the authorised representative of the agency providing the T&P will also sign the said Record Book. In case the Contractor contests correctness of any entry and/or fails to sign the Record Book the decision of the Engineer-in-Charge shall be final and binding on him. Hire charges shall be calculated in accordance with the entries in the Record Book.
- 32.4.4 The Contractor will be exempted from levy of any charges for the number of days he is called upon in writing by the Engineer-in-Charge to suspend execution of the work, provided Corporation's T&P/T&P hired by the Corporation in question has, in fact, remained idle with the Contractor because of the suspension, provided the Contractor, in case the period of suspension exceeds 11 days, returns

Corporation's T&P/T&P hired by the Corporation to the place from where it was issued.

33. Patent Indemnity

33.1 The Contractor shall indemnify and hold harmless the Employer and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Employer may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract in the performance of the Contract.

33.2 In the event of any claim being made or action being brought against the Employer or its representatives or its employees, in respect of any such matters as aforesaid, the Contractor shall immediately be notified thereof. However, such indemnity shall not apply when such infringement has taken place in complying with the specific directions issued by the Employer; but the Contractor shall pay any royalties or other charges payable in respect of any such use, the amount so paid being reimbursed to the Contractor only if the use was as a result of any drawings and/or specifications issued after the award of Contract by the Employer, provided further that the Contractor has brought to the notice of the Engineer-in-Charge, of such infringement immediately upon the instructions of the Engineer-in-Charge or upon the Contractor becoming aware of such infringement.

34. Materials for the performance of the Contract

(a) Materials to be provided by the Contractor

1. The Contractor shall at his own expense, provide all materials required for the Works other than those which are to be issued by the Employer.
2. All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the Contract and the Contractor shall, if requested by the Engineer-in-Charge, furnish proof to the satisfaction of Engineer-in-Charge that the materials so comply.
3. Wherever required by the Engineer-in-Charge, the Contractor shall, at his own expense and without delay, provide samples of materials proposed to be used in the Works. The Engineer-in-Charge shall within seven (7) days thereafter or within such further period as he may require, intimate to the Contractor in writing, whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange for fresh samples complying with the Technical specifications laid down in the Contract, for approval.
4. The Engineer-in-Charge shall have full powers to require removal of any or all of the materials brought to site by the Contractor which are not in accordance with the Contract specifications or do not conform in character or quality to samples approved by him. In case of default on the part of the Contractor in

removing rejected materials, the Engineer-in-Charge shall be at liberty to have them removed by other means. The Engineer-in-Charge shall have full powers to order the Contractor to provide other proper materials to be substituted for rejected materials and in the event of the Contractor refusing to comply, he may cause the same to be supplied by other means. All costs, which may attend upon such removal and/or substitution, shall be borne by the Contractor.

5. The Engineer-in-Charge shall be entitled to have tests carried out as specified in the Contract for any materials supplied by the Contractor other than those for which, as stated above, satisfactory proof has already been furnished, at the cost of the Contractor and the Contractor shall provide at his expense all facilities which the Engineer-in-Charge may reasonably require for the purpose. If no tests are specified in the Contract, and such tests are required by the Engineer-in-Charge, the Contractor shall provide all facilities required for the purpose and the charges for these tests including the cost of materials consumed/used in such tests shall be to the account of Employer, except if the tests disclose that the said materials are not in accordance with the provision of the Contract, then the same shall be to the account of the Contractor.

6. The Contractor shall indemnify the Employer, its representatives or its employees against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties or other charges which may be payable in respect of any article or material or part thereof included in the Contract. In the event of any claim being made or action being brought against the Employer or its representatives or its employees, in respect of any such matters as aforesaid, the Contractor shall immediately be notified thereof. However, such indemnity shall not apply when
such infringement has taken place in complying with the specific directions issued by the Employer; but the Contractor shall pay any royalties or other charges payable in respect of any such use, the amount so paid being reimbursed to the Contractor only if the use was as a result of any drawings and/or specifications issued after the award of Contract by the Employer, provided further that the Contractor has brought to the notice of the Engineer-in-Charge, of such infringement immediately upon the instructions of the Engineer-in-Charge or upon the Contractor becoming aware of such infringement.

7. Subject as hereinafter provided in GCC Clause entitled 'Contract Price Adjustment' all charges on account of GST and other levies/octroi on materials obtained for the Works from any source (excluding materials issued by the Employer) shall be borne by the Contractor.

(b) **Materials to be issued by the Employer:**

(i) **Materials to be issued by the Employer free of cost**

The Employer, if so stipulated in SCC, may issue cement, reinforcement steel and structural steel to the Contractor free of cost for incorporation in the Works as per the terms and conditions specified in the SCC/Technical

Specifications.

(ii) **Materials to be issued by the Employer on chargeable basis**

If after the award of the Contract, the Contractor desires the Employer to issue/supply any other materials, for the purposes of the Contract such materials may be issued by the Employer, if available, at rates and terms and conditions to be fixed by the Engineer-in-Charge. The Employer reserves the right not to issue any such materials. The non-issue of such materials will not entitle the Contractor for any compensation whatsoever either in time or in cost.

(c) **General:**

1. Materials required for the Works, whether brought by the Contractor or issued by the Employer, shall be stored by the Contractor only at places approved by the Engineer-in-Charge. Storage and safe custody of material shall be the responsibility of the Contractor.
2. Engineer-in-Charge shall be entitled at any time to inspect and examine any materials intended to be used in or on the Works, either on the Site or at factory or workshop or other place(s) where such materials are assembled, fabricated, manufactured or at any place(s) where these are lying or from which these are being obtained and the Contractor shall give such facilities as may be reasonably required for such inspection and examination.
3. All materials brought to the Site shall not be removed off the Site without the prior written approval of the Engineer-in-Charge. But whenever the Works are finally completed and advance, if any, in respect of any such material is fully recovered, the Contractor shall at his own expense forthwith remove from the Site all surplus material originally supplied by him.
4. The Employer may issue all the materials agreed to be issued to the Contractor under the Contract, at its site stores, or nearest railhead. In case the materials are issued at the nearest rail head, the cost of transportation only, from such rail head to the Site will be borne by the Employer, subject to the reasonableness of such transportation cost being certified by the Engineer-in-Charge. All other costs such as loading, unloading, transportation to Contractor's godown, storage etc. till the materials are incorporated in the Works or returned to the Employer shall be to the account of the Contractor.
5. All materials issued to the Contractor, by the Employer for incorporation or fixing in the Works (including preparatory work) shall, on completion or on termination of the Contract, be returned by the Contractor at his expense, at the Employer's store, after making due allowance for actual consumption, reasonable wear and tear and/or waste. If the Contractor is required to deliver such materials at a place other than the Employer's

store, he shall do so and the transportation charges from the Site to such place, less the transportation charges which would have been incurred by the Contractor, had such materials been delivered at the Employer's store, shall be borne by the Employer.

35. Quality Assurance Programme

- 35.1 Sampling, testing and quality assurance requirements are given in Technical Specifications.
- 35.2 All costs associated with testing of materials required as per Technical Specifications shall be deemed to be included in Contract rates/prices in the Schedule of Quantities.

36. Inspection and Approval

- 36.1 All Works embracing more than one process shall be subject to examination and approval at each stage thereof and the Contractor shall give due notice to the Engineer-in-Charge or his authorised representative when each stage is ready. In default of such notice, the Engineer-in-Charge shall be entitled to appraise the quality and extent thereof.
- 36.2 No work shall be covered up or put out of view without the approval of the Engineer-in-Charge or his authorised representative and the Contractor shall provide full opportunity for examination and measurement of any work which is about to be covered up or put out of view and for examination of foundations before further work is placed thereon. The Contractor shall give due notice to the Engineer-in-Charge or his authorised representative whenever any such work or foundation is ready for examination and the Engineer-in-Charge or his representative shall without unreasonable delay, unless he considers it unnecessary and advises the Contractor accordingly' attend for the purpose of examining and measuring such work or of examining such foundations. In the event of the failure of the Contractor to give such notice he shall, if required by the Engineer-in-Charge, uncover such work at his own expense.
- 36.3 The Engineer-in-Charge or his authorised representative shall have powers at any time to inspect and examine any part of the Works and the Contractor shall give such facilities as may be reasonably required for such inspection and examination.
- 36.4 The Contractor shall uncover any part of the Works and/or make openings in or through the same as the Engineer-in-Charge may from time to time direct for his verification and shall reinstate and make good such part to the satisfaction of the Engineer-in-Charge. If any such part has been covered up or put out of view after being approved by the Engineer-in-Charge and is subsequently found on uncovering to have been executed in accordance with the Contract, the expenses of uncovering and/or making opening in or through, reinstating and making good the same shall be borne by the Employer. In any other case all such expenses shall be borne by the Contractor.
- 36.5 The additional & specific inspection and approval requirements in respect of the

Works are detailed further in the Technical Specifications.

37. Records and Measurement

37.1 The Engineer-in-Charge shall, except as otherwise stated, ascertain and determine by measurement the value of the Work done in accordance with the Contract.

37.2 All items having a financial value shall be entered in Measurement Book, level book, etc. prescribed by the Engineer-in-Charge so that a complete record is obtained of all Work performed under the Contract.

37.3 Measurements shall be taken jointly by the Engineer-in-Charge or his authorised representative and the Contractor or his authorised representative.

37.4 Before taking measurements of any Work the Engineer-in-Charge or his authorised representative for the purpose shall give a reasonable notice to the Contractor. If the Contractor fails to attend or send his authorised representative for taking the measurements after such a notice or fails to countersign or to record the objection, if any, within a week from the date of measurement, then in any such event measurements taken by the Engineer-in-Charge or his authorised representative shall be taken to be correct measurements of the Work.

37.5 The Contractor shall, without extra charge, provide assistance with every appliance, labour etc. necessary for taking measurements.

37.6 Measurements shall be signed and dated by both parties each day on the Site on completion of measurement. If the Contractor objects to any of the measurements recorded, a note to that effect shall be made in the Measurement Book against the item objected to and such note shall be signed and dated by both parties engaged in taking the measurement. The decision of the Engineer-in-Charge on any such dispute or difference or interpretation shall be final and binding on both the parties and shall be beyond the scope of the provisions of settlement of disputes under the Contract.

38. Methods of Measurement

38.1 Measurement of Contract items of Work shall be taken in accordance with method of Measurement stipulated in the Technical Specifications/Schedule of Quantities. In case of extra items, the Engineer-in-Charge shall also specify the method of measurement for such items at the time of his order for execution of such extra items.

38.2 In case no method of measurement is stipulated in Technical Specifications / Schedule of Quantities/ Order of the Engineer-in-Charge, then the Method of Measurement of such items shall be as per the relevant Standard Method of Measurement issued by Indian Standards Institution or general industry practice/ local custom.

39. Temporary / Enabling Works

39.1 The siting and nature of all offices, access road to the work areas, access tracks to work areas, sumps, and all other Temporary / Enabling Works as may be required for the proper execution of the Works shall be subject to the approval of the Engineer-in-Charge. These Works shall be executed by the Contractor at his own cost. Hard crusting for pre-assembly/fabrication yard shall be in line with Technical Specifications.

39.2 All equipment, labour, materials including cement, reinforcement and the structural steel required for the Enabling Works associated with the entire Contract shall have to be arranged by the Contractor only. Nothing extra shall be paid to the Contractor on this account and the unit rates quoted by the Contractor on this account and the unit rates quoted by the Contractor for various items in the Schedule of Quantities shall be deemed to include the cost of Enabling Works.

39.3 However, for fabrication yard or for fabrication of structural steel, if any, hard crusting made with compacted filling using broken hard stone aggregate with binding material shall be measured and paid under relevant item of stone aggregate filling with binding material as specified in Technical Specifications and Schedule of Quantities.

The maximum area of hard crusting that will be paid is limited to consecutive three (3) month peak fabrication quantity in M.T. indicated in the Work Schedule multiplied by 3.5 sq. m per M.T. The hard crusting area arrived as above shall be further subject to availability of appropriate area in the general layout plan and approval of the Engineer-in-Charge.

Further development of fabrication and assembly bed, power distribution points, cable laying, drains, additional area of hard crusting over and above area stipulated etc., shall be done by the Contractor, at his own cost.

39.4 The Contractor shall make his own arrangement for approach to the work Site, including borrow / disposal area and for movement of men, machinery, other requirement etc. required for carrying out the Work included under this Contract.

40. **Urgent Works**

40.1 If any Urgent Work becomes necessary and the Contractor is unable or unwilling at once to carry it out, the Engineer-in-Charge may by his own or other means, carry it out as he may consider necessary. If the Urgent Work shall be such as the Contractor is liable under the Contract to carry out at his expenses all expenses, incurred on it by the Employer shall be recoverable from the Contractor and be adjusted or set off against any sum payable to him.

41. **Construction Power and Construction Water Supply and Staff / Labour Colony**

Unless otherwise stated in SCC, the provisions for Construction Power and Construction Water Supply and Staff / Labour Colony shall be as under: 41.1.1 The Contractor shall advise the Engineer-in-Charge, within twenty-eight (28) days from the date of acceptance of the Letter of Award, about his exact requirement of space for his office, storage area, preassembly and fabrication areas, labour and

staff colony area (land if available), etc. The above requirement shall be reviewed by the Engineer-in-Charge and space as decided by him will be allotted for his use as well as his Sub-Contractor's use.

41.1.2 On completion of Work, the Contractor shall handover the land duly cleaned to the Engineer-in-Charge. Until and unless the Contractor has handed over the vacant possession of land allotted to him for the above purpose, the payment of his final bill shall not be made. The Contractor shall be made liable to pay for the use and occupation at the rates to be determined by the Engineer-in-Charge if the Contractor overstays in the land after the Contract is completed.

41.1.3 The Contractor shall submit to the Engineer-in-Charge within twenty-eight (28) days from the date of acceptance of the Letter of Award, his electrical power requirements, if any, to allow the planning of the same by the Engineer-in-Charge. The Contractor shall be provided with free supply of electricity for the purposes of the Contract only, at two convenient locations in the Site. The Contractor shall make his own further distribution arrangement. All temporary wiring must comply with local regulations and will be subject to Engineer-in-Charge's inspection and approval before connection to supply. The free supply of power will not be provided for the use in the labour and staff colony. Power supply for labour and staff colony shall be provided at one point. It shall be the responsibility of the Contractor to take the power supply upto the point of his use. The Contractor shall be charged for power supply to labour and staff colony at rates prevalent as per the tariff of the electricity distribution entity at the Site.

The Engineer-in-Charge may consider additional points of power supply in deserving and exceptional cases.

41.1.4 The Employer does not guarantee uninterrupted power supply.

41.1.5 The Contractor shall arrange for drinking water to his workmen/staff at Work Site and other water supply for all purposes for his labour and other personnel at the worksite / colony on his own. The quality of water should meet the requirements for which it is proposed to be used. All Civil and Structural Work associated with the above including borings, pipe lines, valves, pumps, tube wells, pump house, underground storage tank, over ground storage tank, water tankers etc., whatsoever required for taking the water from the underground source or any other source to the place of use shall be provided / erected/ constructed / maintained by the Contractor at his own cost.

41.1.6 The Contractor shall not be entitled to any compensation on account of the expenditure incurred in arranging the construction water.

41.2 Supply of Unfiltered Water for Construction Purposes only

41.2.1 Unless otherwise stated in SCC, the Contractor shall draw water from the water supply mains provided in the project at suitable points to be indicated by the Engineer-in-Charge. All pipe lines, pumps and other accessories required for taking the water from the mains to the site of Work shall be provided by the Contractor at his own cost. He shall not be entitled to any payment on account of the expenditure

incurred in providing the pipe lines, pumps, etc. No charges will be levied on the Contractor for the water drawn by him for the purpose of the construction work. Should the water, however, be used for either the colony or for manufacture, always subject to prior written permission of the Engineer-in-Charge, the same shall be chargeable at a rate to be fixed by him whose decision in this regard shall be final. However, the water supply shall have to be taken through a metered connection.

41.2.2 The Employer does not guarantee the maintenance of uninterrupted supply of water and in case of any interruptions of such supply of water; the Contractor shall be responsible for making at his own cost alternative arrangements for water. The Engineer-in-Charge also reserves the right to limit the quantity of water to be allowed to be drawn by the Contractor.

41.2.3 No claim for damages will be entertained by the Employer on account of interruption of water supply or limitation of quantity of water as aforesaid or on account of the water so supplied being not fit for construction purposes or on any other account in connection with such water supply.

41.2.4 It will be the responsibility of the Contractor to adequately treat the water at his cost before use for the intended purpose.

41.2.5 Where the Contractor makes his own arrangements for water required for the Work, nothing extra shall be paid for the same. He should make arrangements for storage of sufficient quantity of water required for at least a day's work.

41.3 The contractor shall arrange for construction water from underground/local sources. All borings, pipe lines, pumps, water tankers, underground storage tank, over-ground storage tank, etc, whatsoever required for taking the water from the underground source to the site of work shall be provided / erected / constructed / maintained by the contractor at his own cost.

41.4 The Contractor shall not be entitled to any compensation on account of the expenditure incurred in arranging the construction water.

41.5 Contractor shall make the arrangement for construction power at his own cost. However, NTPC may provide construction power as per site availability on chargeable basis, but the Contractor shall not be entitled to any compensation on account of the quality and availability of power from NTPC.

41.6 The contractor shall make his own arrangement for construction/ rented premises for labour / staff colony.

42. **Site Laboratory**

42.1 As part of the Contract, the Contractor shall provide and maintain a site laboratory for the testing of construction materials under the direction and general supervision of the Engineer-in-Charge.

- 42.2 The laboratory building shall be constructed and installed with the appropriate facilities. Temperature and humidity controls shall be available wherever necessary during testing of samples.
- 42.3 All equipment shall be provided by the Contractor so as to be compatible with the testing requirements specified. The Contractor shall maintain the equipment in good working condition for the duration of the Contract.
- 42.4 The Contractor shall provide approved qualified personnel to operate and maintain the laboratory for the duration of the Contract. The number of staff and equipment available must at all times be sufficient to keep pace with the sampling and testing programme as required by the Engineer-in-Charge.
- 42.5 The Contractor shall fully service the site laboratory and shall supply everything necessary for its proper functioning, including all transport needed to move equipment and samples to and from sampling points on the site, etc.
- 42.6 The Contractor shall re-calibrate all measuring devices whenever so required by the Engineer-in-Charge and shall submit the results of such measurements without delay.

43. **Completion Certificate**

- 43.1 As soon as the Work is completed, the Contractor shall give notice of such completion to the Engineer-in-Charge and within eighty-four (84) days of receipt of such notice the Engineer-in-Charge shall inspect the Work and shall furnish the Contractor with a certificate of completion indicating (a) date of completion, (b) defects, if any, in the Work to be rectified by the Contractor and/or (c) items, if any, for which payment shall be made at reduced rates.

When separate periods of completion have been specified for items or groups of items, the Engineer-in-Charge shall issue separate completion certificates for such item or groups of items. No certificate of completion shall be issued nor shall the Work be considered to be complete till the Contractor shall have removed from the premises on which the Work has been executed all scaffolding, sheds and surplus materials (except such as are required for rectification of defects), and the like to the satisfaction of Engineer-in-Charge. If the Contractor shall fail to comply with any of the requirement of the conditions as aforesaid, on or before the date of completion of the Works, the Engineer-in-Charge may, at the expense of the Contractor fulfil such requirements and dispose of the scaffoldings, surplus materials and rubbish etc. as he thinks fit and recover the cost after giving due credit for the realised amount. The term 'completion' used herein means the physical completion of the Work and in no way means to connote the quality or time of performance of the Work.

- 43.2 If at any time before completion of the entire Work, items or groups of items for which separate periods of completion have been specified, have been completed, the Engineer-in-Charge can take possession of any part or parts of the same (any such part(s) being hereinafter in this Condition referred to as 'the relevant part') notwithstanding anything expressed or implied elsewhere in this Contract.

- 43.3 In case of such taking over of possession by Engineer-in Charge of the said item or group of items, the following shall govern:
 - 43.3.1 Within twenty-eight (28) days of request by the Contractor, the Engineer-in-Charge shall issue completion certificate for the relevant part as in GCC Sub-Clause 43.1 above provided the Contractor fulfils his obligations under that Condition for the relevant part.
 - 43.3.2 The Defects Liability Period in respect of such items and the relevant part shall be deemed to have commenced from the certified date of completion of such items or the relevant part as the case may be.
 - 43.3.3 The Contractor may reduce the value insured under GCC Clause entitled 'Contractor's Liability and Insurance' to the extent of the value of the completed items or relevant part as estimated by the Engineer-in-Charge and notified for this purpose. This estimate shall be applicable for this purpose only and for no other.
 - 43.3.4 For the purposes of ascertaining liquidated damages for delay under GCC Sub-Clause 29.6 in respect of any period during which the Works are not complete the relevant part will be deemed to form a separate item or group, with date of completion as given in the Contract or as extended under GCC Sub-Clause 29.2 and actual date of completion as certified by the Engineer-in-Charge under this Clause.

E. DEFECTS LIABILITY

44. Liability for Damage, Defects or Imperfections and Rectification thereof

44.1 If the Contractor or his workmen or employees shall injure or destroy any part of the building / structure in which they may be working or any building, road, fence etc. contiguous to the premises on which the Work or any part of it is being executed, or if any damage shall happen to the Work while in progress, the Contractor shall upon receipt of a notice in writing in that behalf make the same good at his own expense. If it shall appear to the Engineer-in-Charge or his representative at any time during construction or re-construction or prior to the expiration of the Defects Liability Period, that any work has been executed with unsound, imperfect or unskilled workmanship or that any materials or articles provided by the Contractor for execution of the Work are unsound or of a quality inferior to that contracted for, or otherwise not in accordance with the Contract, or that any defect, shrinkage or other faults have appeared in the Work arising out of defective or improper materials or workmanship, the Contractor shall, upon receipt of a notice in writing in that behalf from the Engineer-in-Charge, forthwith rectify or remove and re-construct the work so specified in whole or in part, as the case may require or as the case may be, and/or remove the materials or articles so specified and provide other proper and suitable materials or articles at his own expense, notwithstanding that the same may have been inadvertently passed, certified and paid for and in the event of his failing to do so within the period to be specified by the Engineer-in-Charge in his notice aforesaid, the Engineer-in-Charge may rectify or remove and re-execute the work and/or remove and replace with others, the materials or

articles complained of, as the case may be, by other means at the risk and expense of the Contractor.

45. **Defects Liability Period**

45.1 Unless otherwise specified in the SCC, the Contractor shall be responsible to make good and remedy at his own expense within such period as may be stipulated by the Engineer-in-Charge, any defect which may develop or may be noticed before the expiry of twelve (12) months from the certified date of completion.

45.1.1 On expiry of the period mentioned as defect liability period (GCC Clause 45), contractor's liability ceases except for latent defects. The contractor's liability for latent defect shall be limited to a period of five (5) years from the end of Defect liability period for the subject package. For the purpose of this clause the latent defects shall be the defects inherently lying within the material or arising out of design deficiency which do not manifest themselves during the defect liability period but may surface later.

F. **RISK DISTRIBUTION**

46. Employer's and Contractor's Risks and Insurance

46.1 The Employer carries the risks which this Contract states as Employer's risks, and the Contractor carries risks which this Contract states as Contractor's risks, under this clause.

46.2 Irrespective of the Employer's Risks or Contractor's Risks the Contractor shall execute the Works as per Contract and as directed by Engineer-in-Charge.

46.3 **Employer's Risks**

46.3.1 The 'Excepted Risks' are

- (1) In so far as they occur in the Union of India and directly affect the execution of the Works:
 - (a) war and hostilities (whether war be declared or not), invasion, act of foreign enemies.
 - (b) rebellion, revolution, insurrection or military or usurped power or civil war.
 - (c) riot, commotion or disorder, unless solely restricted to employees of the Contractor or of his sub-contractors and arising from the conduct of the Works;
 - (d) ionizing radiations, or contamination by radio activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radioactive, toxic, explosive, or other hazardous properties of any explosive, nuclear assembly or nuclear component;

- (e) pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speed;
- (f) any operation of the forces of nature, which is unforeseeable or against which an experienced contractor could not reasonably have been expected to have taken adequate precautions or

(2) a cause due to the design of the Works, other than the Contractor's design.

46.3.2 In the event of any loss or damage to the Works or any part thereof and/or to any materials or articles at the Site from out of any occurrence of Excepted Risks, the following provisions shall have effect:

- (a) The Contractor shall, as may be directed in writing by the Engineer-in-Charge, remove from the Site any debris and so much of the Works as shall have been damaged, take the same to the place identified by the Employer, at the Employer's cost.
- (b) The Contractor shall, as may be directed in writing by the Engineer-in-Charge, proceed to rectify, repair, reconstruct or replace the damaged articles, materials and the Works under and in accordance with the Conditions of the Contract, at the Employer's cost.

46.3.3 The Contractor shall not be entitled to payment under the above provisions in respect of so much loss or damage as has been occasioned by any failure on his part to perform his obligations under the Contract or not taking precautions to prevent loss or damage or minimize the amount of such loss or damage.

46.4 **Contractor's Risks**

46.4.1 All risks of loss of or damage to the physical property and of personal injury and death, which arise during and in consequence of the performance of the Contract, other than those covered under the Excepted Risks, will be the liability of the Contractor, except as otherwise provided in the Contract.

46.4.2 From commencement to completion of the Works, the Contractor shall take full responsibility for the care thereof and for taking precautions to prevent loss or damage and to minimize loss or damage to the greatest extent possible and shall be liable for any damage or loss that may happen to the Works or any part thereof from any cause whatsoever (save and except due to Excepted Risks) and shall at his own cost repair and make good the same so that at completion, the Works shall be in good order and condition and in conformity in every respect with the requirements of the Contract and instructions of the Engineer-in-Charge.

46.4.3 The Contractor shall indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the Works and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto; Provided always that

nothing herein contained shall be deemed to render the Contractor liable for or in respect of or to indemnify the Employer against any Compensation or damage caused by any occurrence of the Excepted Risks.

46.5 Insurance

46.5.1 Before commencing the execution of the Works, the Contractor shall, without in any way limiting his obligations and responsibilities under this clause, indemnify the Employer against any damage/ loss or injury which may occur to any property or to any person (including any employee of the Employer) by or arising out of carrying out of the Contract, except due to reasons of 'Excepted Risks'.

46.5.2 Towards this end, the Contractor shall arrange adequate insurance coverages, in the joint names of the Employer and the Contractor, from the date of commencement of the work to the end of the Defects Liability Period for at-least the following:

- (i) loss of or damage to the Works including Employer issued materials;
- (ii) loss of or damage to the Contractor's T&P;
- (iii) loss of or damage to the property other than Works including those of third parties;
- (iv) injury or death of personnel belonging to the Contractor, the Employer or any other party.
- (v) Worker's Compensation in accordance with the statutory requirements.

The Contractor shall be compulsorily required to take Contractor's All Risk Insurance Policy for all risks except those covered under the Excepted risks with minimal deductible for the re-execution value of the Works on completion and replacement cost of the Contractor's T&P/ Plant & Equipment/ Employer's free issue materials/ Third party Property, etc. as mentioned above. For this purpose the re-execution value of the Works on completion/ replacement cost of the Contractor's T&P/ Plant & Equipment/ Employer's free issue materials/ Third party Property shall include all such expenses, costs, taxes, duties, levies, royalties, etc. which in case of total loss, the Employer/ Contractor would be reasonably expected to incur to bring these to the same state as if no damage had occurred.

The Contractor and Employer shall mutually decide on the insured sum but in no case it shall be less than the 110% of the value of the Works on completion and Third party Property and 110% of the cost of Contractor's T&P/ Plant & Equipment/Employer's free issue materials delivered to site including all taxes, duties, levies and royalties etc. and escalation during the period of re-execution for the Works and delivery of replacement Contractor's T&P/ Plant & Equipment/ Employer's free issue materials to site. However, in case of any conflict, the Employer's decision regarding the insured sum shall be final and binding on the Contractor. The Employer shall be named coinsured in the policy and it shall include the extended cover at-least for the following:

- a) Third Party Liability
- b) Cross Liability
- c) Earthquake
- d) Cost of removal of debris
- e) Custom duty as applicable
- f) Escalation during re-execution
- g) Employer's surrounding property
- h) Storage risk at Fabricator's premises as applicable
- i) Cost of tools and tackles and material handling equipment used for construction purposes.
- j) War, SRCC & terrorism

46.5.3 Where Employer's building or a part thereof is rented by the Contractor, he shall insure the entire building if the building or any part thereof is used by him for the purpose of storing or using materials of combustible nature as to which the decision of the Engineer-in-Charge shall be final.

46.5.4 Contractor shall ensure that the insurance coverage of the above policies include any loss or damage to his Staff, Supervisors, Engineers and others who are not covered by Workmen Compensation Act. Alternatively, the Contractor will take suitable additional or separate insurance policies to cover the same.

46.5.5 All monies payable by the insurers under such policy or policies shall be first to be paid to the Employer who shall pay to the Contractor in instalments for the purpose of rebuilding or replacement or repair of the damaged Works, Contractor's T&P and/or materials destroyed or damaged as the case may be. Such payments of monies will be made in a manner that the payments are commensurate with the progress and cost of the repair, replacement and reconstruction, as may be and as determined by the Engineer-in-Charge in consultation with the Contractor.

46.5.6 Policies and certificate for insurance shall be delivered by the Contractor to the Project Engineer for the Project Engineer's approval before the date of commencement of the Works.

46.5.7 If the Contractor has a blanket insurance policy for all his works and the policy covers all or some of the items to be insured under this Clause, the said policy shall be assigned by the Contractor in favour of the Employer; provided however if any amount is payable under the policy by the insurers in respect of works other than the Work under this Contract, the same may be recovered by the Contractor directly from the insurers.

46.5.8 The aforesaid insurance policy/policies shall provide that they shall not be materially modified/ cancelled till the Engineer-in-Charge has agreed to such modification or cancellation in writing.

46.5.9 Upon grant of the time extension by the Engineer-in-Charge, it is understood that the Contractor's liability of indemnity will be extended suitably without any further action by the Employer and the Contractor shall promptly furnish documentary evidence to Engineer-in-Charge towards extension of insurance policies for the period of time extension.

- 46.5.10 The Contractor shall ensure that where applicable, his Sub-Contractor(s) shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for the part of the Works executed by them under the Contract, unless such Sub-Contractors are covered by the policies taken out by the Contractor.
- 46.5.11 If the Contractor and/or his Sub-Contractors (if any) shall fail to effect and keep in force the insurance coverage, referred to above or any other insurance which he/they may be required to effect under the terms of the Contract, then in any such case the Employer may, without being bound to, effect and keep in force any such insurance coverage and pay such premium or premiums, as may be necessary for that purpose from time to time and deduct the amount so paid by the Employer from any monies due or which may become due to the Contractor or recover the same as a debt due from the Contractor.
- 46.5.12 If the Contractor does not provide any of the policies and certificates required, the Employer, with due notice to the Contractor may effect the insurance which the Contractor should have provided and recover the premiums, the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due from the Contractor.

47. **Force Majeure**

47.1 **Definition of Force Majeure**

47.1.1 “Force Majeure” shall mean any event beyond the control of the Employer or of the Contractor, as the case may be, (but excluding ‘Excepted Risks’, which shall be dealt in accordance with GCC Clause entitled “Employer’s Risks”) and which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the Contract.

47.1.2 Notwithstanding the generality of the above, the following events shall be termed as Force Majeure events in respect of the Contract

- (i) terrorist acts,
- (ii) confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any government or de jure or de facto authority or ruler or any other act of failure to act of any local state or national government authority,
- (iii) national/sectoral/illegal strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, epidemics, quarantine and plague

47.2 **Notice of Force Majeure**

47.2.1 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof

within fourteen (14) days after the occurrence of such event.

47.2.2 The party who has given such notice shall be excused from the performance or punctual performance is prevented, hindered or delayed.

47.2.3 Notwithstanding any other provision of the Clause, Force Majeure shall not apply to any obligations of the Employer to make payments to the Contractor herein.

47.3 Duty to Minimize Delay

47.3.1 The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect thereof upon its or their performance of the Contract and to fulfill its or their obligations under the Contract, but without prejudice to either party's right to terminate the Contract under GCC Sub-Clause 47.5.

47.4 Consequence of Force Majeure

47.4.1 If the Contractor is prevented from performing its obligations under the Contract by reason of Force Majeure of which notice has been given under Sub-Clause 47.2.1, and suffers delay by reason of such Force Majeure, the Contractor shall be entitled to an extension of time for any such delay, if the Completion is or will be delayed, in accordance with GCC Sub-Clause entitled "Extension of Time for Completion".

47.4.2 No delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall

- (a) constitute a default or breach of the Contract,
- (b) give rise to any claim for damages or additional cost or expense occasioned thereby

if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.

47.5 Termination for reasons due to extended Force Majeure

47.5.1 If the performance of the Contract is substantially prevented, hindered or delayed for a single period of more than seventy (70) days or an aggregate period of more than one hundred and forty (140) days or any such extended period as may be agreed to between the parties on account of one or more events of Force Majeure during the currency of the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which either party may terminate the Contract by giving a notice to the other.

47.5.2 In the event of termination pursuant to GCC Sub-Clause 47.5.1, the rights and obligations of the Employer and the Contractor shall be as specified hereunder:

- (a) the Contractor shall be paid at contract rates for the work already executed by him
- (b) The Employer shall have an option to take over the Contractor's facilities/materials or any part thereof brought to site by the Contractor's facilities/materials or any part thereof brought to site by the Contractor, at

such rates as are determined reasonable by the Engineer-in-Charge.

47.5.3 In the event of any disagreement of the parties relating to matters at GCC 47.5.2, the dispute shall be settled in accordance with GCC Clause titled "Settlement of Disputes".

G. CHANGES IN CONTRACT ELEMENT

48. Changes in Constitution:

48.1 Where the Contractor is a partnership firm, prior approval in writing of the Employer shall be obtained before any change is made in the constitution of the firm. Where the Contractor is an individual or a Hindu Undivided Family business concern such approval as aforesaid shall likewise be obtained before the Contractor enters into any partnership firm which would have the right to carry out the Work hereby undertaken by the Contractor. If prior approval as aforesaid is not obtained, the Contract shall be deemed to have been assigned in contravention of GCC Sub-Clause 51.3 hereof and the same action may be taken and the same consequences shall ensue as provided for in the said GCC Sub-Clause 51.3.

49. Powers of Engineer-in-Charge for alterations/omissions/additions/ substitutions

49.1 The Engineer-in-Charge shall have power (i) to make alterations in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the Works in case of non-availability of a portion of the Site or for any other reasons he may consider necessary and/or reasonable. Any such alterations, omissions, additions or substitutions shall be ordered by the Engineer-in-Charge as a deviation. The Contractor shall be bound to carry out the said deviation in accordance with instructions given to him in writing by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the Contract as if originally provided therein and shall be carried out by the Contractor on the same conditions in all respects on which he agreed to do the original Works, except as otherwise provided herein.

49.2 Permissible deviation limit for variations in Contract Items

49.2.1 In case of items of Work above ground surface, as it exists at the time of commencement of Work, quantities of which may change due to Site Conditions or any other reasons, the permissible limit of deviations over the original value of each item will be (+)20%.

49.2.2 In case of items of Work below ground surface, as it exists at the time of commencement of Work, quantities of which may change due to Site conditions or any other reasons, the permissible limit of deviations over the original value of each item will be (+)100% and (-30%).

49.2.3 For the purposes of GCC Sub-Clause 49.2.1 above, all the quantities of any item actually executed from 0-120% of the Contract quantity will be payable at Contract rates while the rates for the quantities above 120% will be subject to

review/revision. Similarly, for the purposes of GCC Sub-clause 49.2.2 above, all the quantities of any item actually executed from 70% to +200% of the Contract quantity will be payable at Contract Rates while the rates for the entire quantity executed from 0% to 69% (if the total quantity executed is in this range) and the entire quantity executed above 200% will be subject to review/revision as provisions herein.

49.2.4 In case the Schedule of Quantities contains sub-items of Work under a Main Item, then the above permissible limits of deviation shall be applicable on the value of each such sub-item and not on the entire value of the Main Item.

49.2.5 The deviations up to the above permissible limits shall be carried out by the Contractor at the same rates and terms as per the Contract.

49.3 Methodology for Determination of Rates for variations of Contract Items beyond the permissible deviation limits

49.3.1 For Contract Items which exceed the limits over the original value of that item as mentioned in GCC Sub-Clause 49.2.1 & 49.2.2 above, the Contractor may, within fourteen (14) days of the date of receipt of the order to carry out the said work, inform the Engineer-in-Charge under advice to the Employer of the rate which he proposes to claim for such item(s) of Work on Market Rate(s) basis, supported by analysis of the rate claimed and the relevant documents to substantiate the same. The Engineer-in-Charge shall, within seventy (70) days thereafter, after giving due consideration to the rate(s) claimed by the Contractor, determine the rate(s), in consultation with the Contractor, on Market Rate(s) basis. In the event of disagreement between the Engineer-in-Charge and Contractor, even after the said seventy (70) days from the date of submission of claims of the rate(s) by the Contractor, the Engineer-in-Charge within a further period of twenty-one (21) days thereafter, shall fix the rate(s)/price(s) as are, in his opinion appropriate. The rate(s)/price(s) so fixed shall be notified to the Contractor and shall be final and binding.

49.3.2 If the Engineer-in-Charge fails to determine and notify the rate(s)/price(s) even after expiry of the said twenty-one (21) days, then the Contractor will be at liberty to refer the matter for resolution to the Employer within a further period of fourteen (14) days after the above said twenty-one (21) days. If the Employer does not determine and cause the Engineer-in-Charge to notify the rate(s)/price(s), then the matter would be determined in accordance with the provisions of GCC Clause entitled "Settlement of Disputes". However, in the meanwhile, the Engineer-in-Charge will pay for the items of Work executed beyond the permissible deviation limits, at 75% (seventy-five percent) of the rate(s)/price(s) claimed by the Contractor with satisfactory supporting documents or at Contract Rate, purely on adhoc and provisional basis subject to adjustment.

49.3.3 In the event of the Contractor failing to inform the Engineer-in-Charge, within the stipulated period of fourteen (14) days time, the rate(s) which he proposes to claim, supported by relevant documents to substantiate the same, the rate(s) for such item(s) shall then be determined by the Engineer-in-Charge in consultation with the Contractor (if he so desires) on the basis of Market Rate(s) within seventy (70)

days thereafter. The rate(s) /price(s) so determined shall be notified to the Contractor and shall be final and binding.

49.3.4 The provisions of GCC Sub-Clauses 49.3.1, 49.3.2 and 49.3.3 above shall only be applicable to such individual Contract Item(s)/ sub-item(s) of Work whose original value is equal to or in excess of 1% of the total Contract Value (as awarded).

49.3.5 For individual Contracts Item(s)/ sub-item(s) of Work whose original value as per Letter of Award is less than 1% of the total Contract Value (as awarded) for each such item, there shall be no limit on the extent of deviations over the original value of the Item and shall be paid on the contracted rate(s)/price(s).

49.3.6 Rates of Items of Work derived on the basis as detailed in GCC Sub-Clause 49.3.1 or 49.3.2, or notified under GCC Sub-Clause 49.3.3 shall not be eligible for price adjustment, provided the period of execution of such items of Work beyond the permissible deviation limit as per the schedule to be finalised in line with GCC Sub-Clause 49.5, is less than or equal to six (6) months.

49.3.7 Further, in case the period of execution of such items of Work is more than six (6) months, such items shall be eligible for price adjustment as per clause entitled 'Contract Price Adjustment'. The base date in such a situation shall be the date as specified by the Engineer-in-Charge while determination of the Market Rate.

49.4 **Methodology for Determination of Rates for Extra Items (Additional, Altered or Substituted Items) of Work**

49.4.1 Rates for Extra Items of Work (comprising of Additional, Altered or Substituted items of Work), shall be determined by the Engineer-in-Charge in the following order:

- (i) If the rate(s)/price(s) for extra items occurring in a particular schedule of quantities are available in other schedule of quantities forming part of the Contract, the lowest of such rate(s)/price(s) will be used, subject to the nature of work being comparable.
- (ii) If the rate(s) cannot be derived as per (i) above, then
 - (a) In case of contracts with only one Schedule of Quantities forming the part of the Contract, the rate(s)/price(s) for the extra item(s) shall be derived from the lowest of any similar item(s) in that Schedule.
 - (b) In case of contracts with two or more Schedules of Quantities forming a part of the contract, the rates for the Extra Item(s) will be derived from the nearest similar item appearing in the Schedule in which the extra item is to be executed failing which from any other Schedule in which nearest similar item is available, the rate so derived being the lowest of such derived from nearest similar items in those other Schedules and used.

49.4.2 If the rate for any additional, altered or substituted item of work cannot be determined

in the manner specified in GCC Sub-Clause 49.4.1 (i) & (ii) above, the Contractor shall, within fourteen (14) days of the date of receipt of the order to carry out the said Work, inform the Engineer-in-Charge under advice to the Employer of the rate which he proposes to claim for such item(s) of Work on Market Rate(s) basis, supported by analysis of the rate claimed and relevant documents to substantiate the same. The Engineer-in-Charge shall, within seventy (70) days thereafter, after giving due consideration to the rate(s) claimed by the Contractor, determine the rate(s), in consultation with the Contractor, on Market Rate(s) basis. In the event of disagreement between the Engineer-in-Charge and Contractor, even after the said seventy (70) days from the date of submission of claims of the rate(s) by the Contractor, the Engineer-in-Charge within a further period of twenty-one (21) days thereafter shall fix the rate(s)/price(s) as are, in his opinion appropriate. The rate(s) /price(s) so fixed shall be notified to the Contractor and shall be final and binding.

49.4.3 If the Engineer-in-Charge fails to determine and notify the rate(s)/price(s) even after expiry of the said twenty-one (21) days, then the Contractor will be at liberty to refer the matter for resolution to the Employer within a further period of fourteen (14) days after the above said twenty-one (21) days. If the Employer does not determine and cause the Engineer-in-Charge to notify the rate(s)/price(s), then the matter would be determined in accordance with the provisions of GCC Clause entitled "Settlement of Disputes". However, in the meanwhile, the Engineer-in-Charge will pay for the extra items of Work, at 75% (seventy-five percent) of the rate(s)/price(s) claimed by the Contractor with supporting documents, purely on adhoc and provisional basis subject to adjustment.

49.4.4 In the event of the Contractor failing to inform the Engineer-in-Charge within the stipulated period of fourteen (14) days time the rate(s) which he proposes to claim, supported by relevant documents to substantiate the same, the rate(s) for such item(s) shall then be determined by the Engineer-in-Charge in consultation with the Contractor (if he so desires) on the basis of Market Rate(s) within seventy (70) days thereafter. The rate(s) /price(s) so determined shall be notified to the Contractor and shall be final and binding.

49.4.5 Rates of Extra Items of Work, derived from Schedule of Quantities as detailed in GCC Sub-Clause 49.4.1 (i) & (ii) above, shall be eligible for Price Adjustment as per GCC Clause entitled 'Contract Price Adjustment' including base date.

49.4.6 Rates for Extra Items of Work, derived on the basis as detailed in GCC Sub Clause 49.4.2 or 49.4.3, or notified under GCC Sub-Clause 49.4.4 above shall not be eligible for Price Adjustment, provided the period of execution of such Extra Items of Work beyond the permissible deviation limit as per the schedule to be finalised in line with GCC Sub-Clause 49.5, is less than or equal to six (6) months.

49.4.7 Further, in case the period of execution of such items of Work is more than six (6) months, such items shall be eligible for price adjustment as per clause entitled 'Contract Price Adjustment'. The base date in such a situation shall be the date as specified by the Engineer-in-Charge while determination of the market rate.

49.5 **Work Schedules for variation beyond deviation limits & Extra Items**

49.5.1 The Engineer-in-Charge shall finalise a Work Schedule in consultation with the Contractor for items of Work beyond deviation limits and the Extra Items of Work to be executed and the date(s) specified in this agreed Work Schedule shall be considered as the date for working out the Price adjustment amount. The primary consideration by the Engineer-in-Charge while determining the time required for execution of the altered or substituted item(s) of Work, would be quantities of the altered or substituted and not the value of altered or substituted item(s) of Work. The Contractor shall not be eligible for Price Adjustment Payment for quantities of items executed beyond the schedule date(s), if execution of the items of the Work has been delayed for the reasons attributable to the Contractor.

49.5.2 However, the Contractor would be eligible for claim or liable for refund for Price Adjustment(s) for quantities of items of the Work executed beyond the schedule dates based on the value of indices as applicable to the scheduled dates of execution, for such delayed work provided that if the indices during the extended period are lower than the indices during scheduled period of execution, then lower indices shall be applicable.

49.6 **Provisional payments**

49.6.1 Pending approval of the Rates for Contract Item(s) of Work beyond the permissible deviation limits as well as for Extra Items (Additional, Altered or Substituted item) of Work, provisional payment at an interim rate (not exceeding 80% of the rate/price determined by the Engineer-in-Charge), shall be made to the Contractor in the interest of progress of Work, which shall be regularized after approval of Competent Authority.

50. **Suspension of Works**

50.1 The Contractor shall, on receipt of the order in writing of the Engineer-in-Charge, suspend the progress of the Works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary for any of the following reasons:

- (i) On account of any default on part of the Contractor; or
- (ii) for proper execution of the Works or part thereof for reasons other than the default on the part of the Contractor; or
- (iii) for safety of the Works or part thereof, for reasons other than those attributable to the Contractor.

50.2 The Contractor shall, during such suspension, properly protect and secure the Works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.

50.3 If the suspension is ordered for reasons (ii) & (iii) in Sub-Clause 50.1 above, in so far as it concerns suspension of part of the Works or whole of the balance, the Contractor shall be entitled to an extension of time equivalent to the period of suspension plus 25% thereof. The Contractor shall not be eligible for any other

compensation whatsoever for such suspension, except as otherwise provided herein under.

50.4 If the suspension is ordered for reasons (ii) & (iii) in Sub-Clause 50.1 above, as far as it concerns the entire balance of Works on the date of suspension and if such period of suspension cumulatively exceeds twenty-eight (28) days, then in addition to extension of time as in Sub-Clause 50.2 above, the Contractor shall be eligible for compensation, as the Employer may consider reasonable, in respect of salaries and/ or wages paid by the Contractor to his employees and labour at site, remaining idle during the cumulative period of suspension, adding to the total thereof, a reasonable percentage as determined appropriate by the Engineer-in-Charge, to cover indirect expenses and incidentals of the Contractor, provided the Contractor submits his claim supported by details to establish the reasonableness of his claim to the Engineer-in-Charge under advice to the Employer within fourteen (14) days of the expiry of the said twenty-eight (28) days period.

50.5 If for any reason other than for reasons of Contractor's default as per GCC Sub-Clause 50.1(i) above, if the Contract remains suspended for a continuous period exceeding ninety (90) days, then the Employer and the Contractor shall mutually discuss and agree for a suitable course of action regarding the recommencement/ reinstatement of the suspended work or alternatively treat the suspension as termination / abandonment of the Works by the Employer as per GCC Sub-Clause 51.1 herein. If out of above discussion it is determined that the Contract has to be treated as terminated under the provisions of GCC Sub-Clause 51.1, then the Contractor shall be eligible for compensation as envisaged in GCC Sub-Clause 51.1.1 herein.

51. Termination

51.1 Termination by the Employer

If at any time after award of Contract, the Employer shall decide to abandon or reduce the scope of the Works for any reason whatsoever and hence not require the whole or any part of the Works to be carried out by the Contractor, the Engineer-in-Charge shall give notice in writing to that effect to the Contractor and the Contractor except as herein under provided, shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the Works in full but which he did not derive in consequence of the said termination of the whole or part of the Works.

51.1.1 The Contractor shall be paid at Contract rates full amount for works executed at Site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilised on the Work to the full extent because of the said termination:

- (a) Any cost incurred on preliminary site work, e.g. access roads, labour huts, staff quarters and site offices; storage accommodation and water storage tanks, etc.

- (b) (i) The Employer shall have the option to take over Contractor's facilities/ materials or any part thereof either brought to Site or of which the Contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the Work), provided, however, the Employer shall be bound to take over the materials or such portions thereof as the Contractor does not desire to retain. For materials taken over or to be taken over by the Employer, cost of such materials shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the Contractor.
- (ii) For Contractor's materials not retained by the Employer, reasonable cost of transporting such materials from Site to Contractor's permanent stores or to his other Works, whichever is less. If materials are not transported to either of the said places, no cost of transportation shall be payable.
- (c) If any materials issued by the Employer are rendered surplus, the same except normal wastage shall be returned by the Contractor to the Employer at rates not exceeding those at which these were originally issued less allowance for any deterioration or damage which may have been caused whilst the materials were in the custody of the Contractor. In addition, cost of transporting such materials from Site to the Employer's stores, if so required by the Employer.
- (d) Reasonable compensation for transfer of Contractor's T&P from Site to Contractor's permanent stores or to his other Works, whichever is less. If T&P are not transported to either of the said places, no cost of transportation shall be payable.

51.1.2 The Contractor shall, if required by the Engineer-in-Charge furnish to him wage books, time sheets and other relevant documents as may be reasonably necessary to enable him to certify the reasonableness of the amount payable under this Clause.

51.2 Termination on Contractor's Death

51.2.1 If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies and if the Contractor is a partnership concern and one of the partners dies, then unless the Employer is satisfied that the legal representatives of the individual Contractor or of the proprietor of the proprietary concern and in the case of partnership, the surviving partners, are capable of carrying out and completing the Contract, the Employer shall be entitled to cancel the Contract as to its incomplete part without the Employer being liable in any way to payment of any compensation to the estate of the deceased Contractor and/or to the surviving partners of the Contractor's firm on account of the cancellation of the Contract. The decision of the Employer that the legal representatives of the deceased Contractor or the surviving partners of the Contractor's firm cannot carry out and complete the Contract shall be final and binding on the parties. In the event of such cancellation the Employer shall not hold the estate of the deceased Contractor and/or the

surviving partners of the Contractor's firm liable for damages for not completing the Contract.

51.3 Termination for Contractor's Default

51.3.1 If the Contractor:

- (a) at any time makes default in proceeding with the Works with due diligence and continues to do so after a notice of seven (7) days in writing from the Engineer-in-Charge; or
- (b) commits default in complying with any of the terms and conditions of Contract and does not remedy it or take effective steps to remedy it within seven (7) days after a notice in writing is given to him in that behalf by the Engineer-in-Charge; or
- (c) fails to complete the Works or items of Work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or
- (d) shall offer, or give or agree to give to any person in Employer's service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer; or
- (e) shall enter into a contract with the Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Employer/ Engineer-in-Charge; or
- (f) shall obtain a Contract with the Employer as a result of ring bidding or other non-bona fide methods of competitive bidding; or
- (g) being an individual, or if a firm, any partner thereof, shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his affective or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force, for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- (h) being a company, shall pass a resolution or the Court shall make an order for the liquidation of its affairs, or a receiver or manager on behalf of the debenture holders shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or

(i) assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) attempts to assign, transfer or sublet the entire Works or any portion thereof without the prior written approval of the Employer; the Employer may, without prejudice to any other right to remedy which shall have accrued or shall accrue thereafter to the Employer by written notice, cancel the Contract as a whole or only such items of work in default, from the Contract.

(j) **“Withholding/ Banning**

The Employer has in place a Policy for withholding and Banning of Business Dealings as enclosed at ANNEXURE-I to Special Conditions of Contract (SCC) of the Bidding documents. Business dealings may be withheld or banned with the Contractor on account of any Default by the Contractor under GCC Clause 51.3.1 or any of the grounds as detailed in the said Banning Policy.”

Encl.: Annexure-I to SCC

51.3.2 The Employer shall on such cancellation have rights to:

- (a) take possession of the Works and any materials, construction plant, implements, stores, etc., thereon; and/or
- (b) carry out the incomplete Work by any means at the risk and cost of the Contractor.

51.3.3 On cancellation of the Contract in full or in part, the Employer shall determine what amount, if any, is recoverable from the Contractor for completion of Works or part of the Works or in case the Works or part of the Works is not completed, the loss or damage suffered by the Employer. In determining the amount, credit shall be given to the Contractor for the value of the work executed by him up to the time of cancellation, the value of Contractor’s material taken over as well as incorporated in the work, and use of tools and plants belonging to the Contractor.

51.3.4 Any excess expenditure incurred or to be incurred by the Employer in completing the Works or part of the Works or the excess loss or damages suffered or may be suffered by the Employer as aforesaid after allowing such credit shall be recovered from any money due to the Contractor on any account, and if such money is not sufficient the Contractor shall be called upon in writing to pay the same within twenty-eight (28) days.

51.3.5 If the Contractor shall fail to pay the required sum within the aforesaid period of twenty-eight (28) days, the Engineer-in-Charge shall have the right to sell any or all of the Contractor’s unused materials, construction plant, implements, temporary buildings etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the Contractor under the Contract and if thereafter there be any balance outstanding from the Contractor, it shall be recovered from him.

51.3.6 Any sums in excess of the amounts due to the Employer and unsold materials, construction plant etc., shall be returned to the Contractor, provided always that if cost or anticipated cost of completion by the Employer of the Works or part of the

Works is less than the amount which the Contractor would have been paid had he completed the Works or part of the Works, such benefit shall not accrue to the Contractor.

52. **Contractor Performance and Feedback System**

The Employer has in place an established 'Contractor Performance and Feedback System' against which the Contractor's performance during the execution of Contract shall be evaluated on a continuous basis at regular intervals on the following seven parameters:

- Engineering & Quality Assurance Capability
- Finance • Supply
- Construction/ Installation
- Field Quality
- Safety
- Claims & Disputes

The score-based feedback formats based on which Contractor's performance shall be evaluated is enclosed at Annexure-A.

In case the performance of the Contractor is found unsatisfactory, the Contractor shall be considered ineligible for participating in future tenders for three years.

On completion of the above ineligibility period, the Contractor would be required to submit a request to NTPC for participating in future tenders specifying the measures taken to improve their performance. The Contractor may also request for early revocation of suspension after completion of at least two (2) year of the suspension period. On receipt of such request, the performance of the Contractor shall be assessed/evaluated by NTPC and if the performance is found to be satisfactory, the Contractor shall be considered eligible for participation in future tenders.

53. **Withholding / Banning**

The Employer has in place a Policy for withholding and banning of Business Dealings as enclosed at **Appendix-I** to this section. Business dealings may be withheld or banned with the Contractor on account of any Default by the Contractor under Clause 51.3.1 or any of the grounds as detailed in the said Banning Policy.

54. **CONTRACTOR'S LABOUR INFORMATION MANAGEMENT SYSTEM (CLIMS):**

- (a) The Contractor has to necessarily get itself registered in the Contractor's Labour Information Management System (CLIMS), which will be installed by the Employer.
- (b) The entry and exit of all contract labour to the plant premises will be through Gate Access Control System of above 'Contractor's Labour Information Management System'.
- (c) It will be the responsibility of the Contractor to ensure timely exit of all labours from the plant premises after completion of job of that day.

- (d) The contractor has to abide with all the statutory compliance applicable to its workers and employees and update the details of the same in the above System.



**SPECIFICSTION OF WORK
SCOPE OF WORK
GENERAL TERMS & CONDITIONS OF CONTRACT
FOR
HORTICULTURE WORKS
NTPC – JPL
1X600MW THERMAL POWER PLANT
SEONI (M.P)**

SPECIFICATION OF HORTICULTURE WORK

1.0 HORTICULTURE WORK

Horticultural operations shall be started on ground previously levelled and dressed to required formation levels and slopes. In case where unsuitable soil is met with, it shall be either removed or, replaced or it shall be covered over to a thickness decided by the Engineer-in-charge with good earth. In the course of excavation or trenching during horticultural operations, any walls, foundations, etc. met with shall not be dismantled without pre-measurement and prior to the written permission of the Engineer-in-charge.

2.0 TRENCHING IN ORDINARY SOIL

1. Trenching is done in order to loosen the soil, turn over the top layer containing weeds etc. and to bring up the lower layer of good earth to form a proper medium for grassing, regressing, hedging and shrubbery. Trenching shall be done to the depth ordered by the Engineer-in-charge. The depth is generally 30 cm for grassing and 60 cm for regressing in good soil.
2. The trenched ground shall, after rough dress, be flooded with water by making small kiaries to enable the soil to settle down. Any local depression unevenness etc. shall be made good by dressing and/or filling with good soil.
3. Weeds or other vegetation which appear on the ground are then uprooted and removed and disposed off.
4. Trenching shall consist of the following operations:
 - ✓ The whole plot shall be divided into narrow rectangular strips of about 1.5 m width or as directed by the Engineer-in-Charge. These strips shall be sub-divided lengthwise into about 1 m long sections. Such sections shall be excavated serially and excavated soil deposited in the adjacent section preceding it.
 - ✓ In excavating and depositing care shall be taken that the top soil with all previous plant growth including roots, get buried in the bottom layer of trenched area, the dead plants so buried incidentally being formed into humus.
 - ✓ The excavated soil shall be straight away dumped into the adjoining sections so that double handling otherwise involved in dumping the excavated stuff outside and in back filling in the trenches with leads is practically eliminated.
5. Measurements: Length and breadth of the plot shall be taken correct to 0.1 m and depths correct to cm. Cubical contents shall be calculated in cubic meters, correct to two places of decimal. No deduction shall be made nor extra paid for removing stones, brick bats and other foreign matter met with during excavation upto initial lead of 50 m and stacking the same.
6. Rate: The rate shall include the cost of all labour and material involved in the operations described above, including cost of all precautionary measures to be taken for protections and support for all services etc.

3.0 GOOD EARTH

1. The earth shall be stacked at site in stacks not less than 50 cm high and of volume not less than 3.0 cum.
2. Measurements: Length, breadth and height of stacks shall be measured correct to a cm. The volume of the stacks shall be reduced by 20% for voids before payment, unless otherwise described.
3. Rate: The rate shall include the cost of excavating the earth from areas lying at distance not exceeding one km. from the site, transporting the same at site breaking of clods and stacking at places indicated. The rate shall also include royalty if payable.

4.0 SUPPLY AND STACKING OF MANURE (FARMYARD MANURE)

1. It shall be transported to the site in Lorries with efficient arrangement to prevent spilling enroute. It shall be stacked at site. Each stack shall not be less than 50 cm height and volume not less than 3 cum.
2. Measurements: Length, breadth and depth of stacks shall be measured correct to a cm. The volume of the stack shall be reduced by 8% for looseness in stacking and to arrive at the net quantity for payment.
3. Rate: The rate shall include the cost of labour and material involved in all operations described above, including carriage up to one km. The rate shall also include royalty if payable.

5.0 ROUGH DRESSING OF THE TRENCHED GROUND

1. **Rough dressing of the area shall include making kiaries for flooding.**
2. The trenched ground shall be levelled and rough dressed and if there are any hollows and depressions resulting from subsidence which cannot be so levelled, these shall be filled properly with earth brought from outside to bring the depressed surface to the level of the adjoining land and to remove discontinuity of slope and then rough dressed again. The supply and spreading of soil in such depressions is payable separately. In rough dressing, the soil at the surface and for 75 mm depth below shall be broken down to particle size not more than 10 mm in any direction.
3. Measurements: Length, breadth of superficial area shall be measured correct to 0.1 meter. The area shall be calculated in sqm. correct to two places of decimal.
4. Rate: The rate shall include the cost of all the labour and material involved in all the operations described above.

6.0 UPROOTING WEEDS FROM THE TRENCHED AREAS

1. After 10 days and within 15 days of flooding the rough dressed trenched ground with water, the weeds appearing on the ground shall be rooted out carefully and the rubbish disposed off as directed by the Engineer-in-charge.
2. **Measurements:** Length, breadth of superficial area shall be measured correct to 0.1 meters. Superficial area of the weeded ground shall be measured for purpose of payments.
3. **Rate:** The rate shall include the cost of all the labour and material involved in all the operations described above.

7.0 FINE DRESSING OF THE GROUND

1. Slight unevenness, ups, and downs and shallow depressions resulting from the settlement of the flooded ground, in drying and from the subsequent weeding operations, shall be removed by fine dressing the surface to the formation levels of the adjoining land as directed by the Engineer-in-charge, and by adding suitable quantities of good earth brought from outside, if necessary.
2. **Measurements:** Length, breadth and depth of stacks shall be measured correct to a cm. The area shall be calculated in sqm. correct to two places of decimal.
3. **Rate:** The rate shall include the cost of all the labour and material involved in all the operations described above.

8.0 SPREADING OF GOOD EARTH

1. Good earth shall be removed from stacks by head load and spread evenly over the surface to the thickness ordered by the Engineer-in-charge. It shall be spread with a twisting motion to avoid segregation and to ensure that spreading is uniform over the entire area.
2. **Measurements:** The quantity of good earth spread shall be determined by the difference in the volume of good earth in stacks before and after spreading duly reduced for looseness in stacking by 20% of good earth.
3. **Rate:** The rate shall include of all the labour and material involved in all the operations described above, but does not include the cost of the good earth which shall be paid for separately unless specifically described in the item.

8.1 SPREADING OF SLUDGE/MANURE

- 8.1.1 Good earth shall be thoroughly mixed with sludge or manure in specified proportion as described in the item or as directed by the Engineer-in-Charge. The mixing shall be spread as described in 2.9.1 to the thickness ordered by the Engineer-in-Charge.
- 8.1.2 **Measurements:** The quantity of good earth and sludge or manure mixed shall be determined by the difference in the volume of good earth and sludge or manure in stack, before and after spreading duly accounted for voids and looseness in stack.
- 8.1.3 **Rate:** The rate shall include of all the labour and material involved in all the operations described above, but does not include the cost of good earth manure.

9.0 MIXING OF GOOD EARTH AND SLUDGE/MANURE

1. The stacked earth shall, before mixing be broken down top particle of sizes not exceeding 6 mm in any direction. Good earth shall be thoroughly mixed with sludge or manure in specified proportion as described in the item or as directed by the Engineer-in-charge.
2. **Measurements:** The quantity of good earth and sludge or manure mixed shall be determined by the difference in the volume of good earth, sludge or manure in stack, before and after spreading duly accounted for voids and looseness in stack.
3. **Rate:** The rate shall include the cost of all labour and materials involved in all the operations described above, but does not include the cost of good earth sludge or manure which shall be paid for separately, unless otherwise described in the item.

10.0 GRASSING WITH SELECTION NO. 1 DOOB GRASS

1. The area from where the grass roots are to be obtained shall be specified by the Engineer-in-Charge at the time of execution of the work and no royalty shall be charged on this account from the contractor. Grass is to be arranged by contractor (cost of grass to be paid separately).
2. The soil shall be suitably moistened and then the operation of planting grass shall be commenced. The grass shall be dibbled at 10 cm, 7.5 cm, 5 cm apart in any direction or other spacing as described in the item. Dead grass and weeded shall not be planted. The contractor shall be responsible for watering and maintenance of levels and the lawn for 30 days or till the grass forms a thick lawn free from weeded and fit for moving whichever is later. Generally planting in other direction at 15 cm, 10 cm, spacing is done in the case of large open spaces, at 7.5 cm spacing in residential lawn and at 5cm spacing for Tennis Court and sports ground lawn. Rates are including cost of labour and material (grass shall be paid separately.)
3. During the maintenance period, any irregularities arising in ground levels due to watering or due to trampling by labour, or due to cattle straying thereon, shall be constantly made up to the proper levels with earth as available or brought from outside as necessary, Constant watch shall be maintained to ensure that dead patches are replanted and weeds are removed.
4. **Measurements:** Length, breadth of the lawn grassed shall be measured correct to 0.1 meter and the area shall be calculated in sqm. correct to two places of decimal.
5. **Rate:** The rate shall include of all the labour and material involved in all the operations described above, excluding supply of the requisite quantity of good earth and grass so needed for properly maintaining the levels of the lawns. (Payment of grass to be paid separately).

11.0 RENOVATION OF LAWNS

1. The area shall be first weeded out of all undesirable growth. The entire grass shall be scrapped (cheeled) without damaging roots and level of the grounds. Slight irregularities in surface shall be levelled off and the area shall then be forked so as to aerate the roots of the grass without, however uprooting them.

Specified quantity of sludge or manure shall then be spread uniformly with wooden straight edge (phatti) as directed by the Engineer-in-charge. The area shall then be slightly sprinkled with water so as to facilitate proper integration of the manure or sludge with the soil and later flooded. The contractor shall be responsible for watering, proper maintenance and tending of the lawn for 30 days or till the grass forms a lawn fit for mowing, whichever is later. During the above operations, all undesirable growths shall be constantly weeded out and all rubbish removed and disposed off as directed by the Engineer-in-Charge.

2. **MEASUREMENTS:** Length, breadth of the lawn renovated shall be measured correct to 0.1 meter and the area shall be calculated in sqm. correct to two places of decimal.
3. **Rate:** The rate shall include of all the labour and T&P (excluding RH pipe/grass) involved in all the operations described above, excluding the supply of the requisite quantity of good earth if so needed for proper maintenance of the levels of the lawns. The cost of the sludge or manure shall be measured and paid for separately, unless its supply is specifically included in the description of the item.

12.0 UPROOTING RANK VEGETATION AND WEEDS AND PREPARING THE GROUND FOR PLANTING SELECTION NO. 1 DOOB GRASS

1. Initially the area shall be dug up to a depth of 30 cm. and weeds and rank vegetation with roots removed thereon by repeated forking. The whole area then shall be retrenched to a depth of 60 cm in the same manner as described in 2.1. Clods of excavated earth shall then be broken up to the size not more than 75 mm in any direction. The area shall then be flooded with water and after 10 days and within 15 days of flooding, weeds shall be uprooted carefully. The rubbish arising from the above operations shall be removed and disposed off in a manner directed by the Engineer-in-charge, away from the site. The earth shall then be rough dressed and fine dressed as described in 2.6 & 2.8.
2. **Measurements:** Length, breadth of uprooted area shall be measured correct to 0.1 meter and the area shall be calculated in sqm. correct to two places of decimal.
3. **Rate:** The rate shall include the cost of all the labour and material involved in all the operations described above.

13.0 EXCAVATION AND TRENCHING FOR PREPARATION OF BEDS FOR HEDGE AND SHRUBBERY

1. Beds for hedges and shrubbery are generally prepared to width of 60 cm. to 125 cm. and 2 to 4 meters respectively.

Beds for hedges and shrubbery shall be prepared in the following manner. The beds shall first be excavated to a depth of 60 cm. and the excavated soil shall be stacked on the sides of the beds. The surface of the excavated bed shall then be trenched to a further depth of 30 cm, in order to loosen the soil, in the manner described in 2.1. No flooding will be done at this stage but the top surface shall be rough dressed and levelled. The excavated soil from the top 60 cm depth of the bed stacked at the site shall then be thoroughly mixed with sludge over manure in the proportion 8:1 by ratio or other proportion described in the item. The mixed earth and manure shall be refilled over the trenched bed, levelled neatly and profusely flooded so that the water reaches even the bottom most layers of the trenched depth of the bed. The surface after full subsidence shall again be refilled with the earth and manure mixture, watered and allowed to settle and finally fine dressed to the level of 50 mm to 75 mm below the adjoining ground or as directed by the Engineer-in-Charge. Surplus earth if any, shall be disposed off as directed by the Engineer-in-charge. Any surplus earth if removed beyond initially lead shall be paid separately. Stones, bricks bats and other foreign matter if met with during excavation or trenching shall be removed and stacked within initially lead & lift, such material as is declared unserviceable by the Engineer-in-charge shall be disposed by spreading and levelling at places ordered by him. If disposed outside the initial lead & lift, then the transport for the extra leads will be paid for separately. If a large proportion of material unsuitable for the hedging and shrubbery operations is met with and earth from outside is required to be brought in for mixing with manure and filling, the supply and stacking of such earth will be paid for separately.

2. **Measurements:** Length, breadth and depth of the pit excavated and trenched shall be measured correct to a cm. The cubical contents shall be calculated in cubic meter correct to two places of decimal.
3. **Rate:** The rate shall include the cost of all the labour and material involved in all the operations described above. The rate shall not include the cost of supply & stacking of the manure unless the same is specifically included in the description of the item.

14.0 DIGGING HOLES FOR PLANTING TREES

1. In ordinary soil, including refilling earth after mixing with oil cake, manure and watering.
 - A. Holes of circular shape in ordinary soil shall be excavated to the dimensions described in the items and excavate soil broken to clods of size not exceeding 75 mm in any direction, shall be stacked outside the hole, stones, brick bats, unsuitable earth and other rubbish, all roots and other undesirable growth met with during excavation shall be separated out and unserviceable material removed from the size as directed. Useful material, if any, shall be stacked properly and separately. Good earth in quantities as required to replace such discarded stuff shall be brought and stacked at site by the contractor which shall be paid for separately. The tree holes shall be manured with powdered Neam/castor oil cake at the specified rate along with farm yard manure over sludge shall be uniformly mixed with the excavated soil after the manure has been broken down to powder, (size of particle not be exceeded 6 mm in any direction) in the specified proportion, the mixture shall be filled in to the hole up to the level of adjoining ground and then profusely watered and enable the soil to subside the refilled soil shall then be dressed evenly with its surface about 50 to 75 mm below the adjoining ground level or as directed by the Engineer-in-charge.
 - B. Measurements: Holes shall be enumerated.
 - C. Rate: The rate shall include the cost of all the labour and material involved in all the operations

15.0 FILLING MIXTURE OF EARTH & SLUDGE OR MANURE

1. The separately specified earth and sludge shall be broken down to particles of size not exceeding 6 mm in any directions before mixing. Good earth shall be thoroughly mixed with sludge over manure in specified proportions as directed by Officer-in-Charge. During the process of preparing the mixture as above, trenches shall be flooded with water and levelled.
2. **Measurements:** Measurement shall be made in (Length, breadth and height of stacks) cubic meter. The cubical contents shall be worked out to the nearest two places of decimal in cubic meter.
3. **Rate:** The rate shall include the cost of all the labour and material involved in all the operations described above, but do not include the good earth, sludge or manure which will be paid separately.

16.0 FLOODING THE GROUND WITH WATER AND MAKING KIARIES

1. The water for flooding shall be of soft water and free from chemical and good for growing the trees and shrubs etc. Before flooding the kiaries shall be made in required size and shape as per directions of Officer-in-charge. After uprooting weeds from the trenched area and uprooting vegetation, kiaries shall be dismantled.
2. **Measurements:** Measurement shall be made in sqm. of area.
3. **Rate:** The rate shall be for 100 sqm of area and include the cost of all the labour and material involved in all the operations described above.

17.0 CLEANING AND SWEEPING OF LAWN

1. The Cleaning of Garden shall cover to proper sweeping work including removing litter, debris, picking of leaves, papers, plastic bottles etc. & disposal of collected waste in dustbin/designated place as decided by officer in charge.
2. **Measurements:** Measurement shall be made in sqm. of area.
3. **Rate:** The rate shall be for per sqm of area and include the cost of all the labour and material involved in all the operations described above.

18.0 REMOVAL OF GARDEN WASTE

1. Removal of garden waste by TATA 407 or equivalent including loading/unloading and carriage up to 1 km lead, complete disposal at designated place decided by officer in charge.
2. **Measurements:** Measurement shall be made per Trip.
3. **Rate:** The rate shall be for per Trip basic and include the cost of all the labour and material & TATA407 or Equivalent involved in all the operations described above.

19.0 PRUNING, TRIMMING, SHAPING OF TREES

1. Pruning, trimming, shaping of trees/shrubs (ht 15 feet and above) i/c removal of cut materials up to 50mt. lead and as per direction of officer in charge. (i/c necessary T&P shall be arranged by the contractor. Pruning, trimming, shaping of trees/ shrubs shall be done as per direction of officer in-charge.
2. **Measurements**
Measurement shall be made per tree/shrub in proper manner.
3. **Rate:** The rate shall be for per Tree/shrub basic and include the cost of all the Labour and materials & equipment's involved in all the operations described above.

20. SPECIFICATION FOR PLANTS

1. The plants should be full of fresh and healthy foliage.
2. The plants should be free from insect, pest and diseases.
3. Plant should be well developed and healthy.
4. The height of the plants will be measured from top of the pots.
5. The plants should be well settled and should not be newly shifted/Transplanted.
6. The plants should be true to the variety and Variety name should be tagged.
7. Moss stick used should be made on plastic pipe.
8. Moss stick should be straight and properly fixed in the pot.
9. The rejected plants materials should be removed from the site immediately.
10. Moss stick should be covered with the plants in case of plants supplied with mossstick.
11. The Plant should be well established and should have good foliage.
12. Good earth and manure used for filling the pot/poly bag should be free from any inert material and mixed to proper ratio.
13. Pot/ Poly bag used for filling the plants should be of proper size.
14. There should be proper drainage in pots for plants.
15. The flowering plants should also have proper flowering and should be true to the variety.
16. All plant should have the tendency of growth and should not be stunted or deformed.
17. There should be no stagnation of water in the pots.
18. Plant should not have any physiological disorder.
19. Tips of the Plants should have intact, there should not be any damages etc.
20. In case of flowering pots flower should be on bud stage/semi bloom stage.
21. In case of potted plant pots should have uniformity/same size and quality.
22. Plants of bigger height should be properly supported/stacked by bamboo stick.
23. Pots/Polybags soil should not be infectious and plant should have free from all kind of diseases.
24. Bulbs, seeds, seedling, suckers should properly treat with fungicides before supply.

GENERAL TERMS AND CONDITIONS OF CONTRACT

1. This contract is valid for period mentioned in awarded PO.
2. Materials and consumables are to be supplied with proper gate entry and challan; record shall be maintained in a register dully certified by horticulture in-charge.
3. A log book shall be maintained by the party in which the following details shall be maintained.
 - a) Area of work.
 - b) Equipment Deployed and its running hours.
 - c) Pesticide/Insecticide/Manure/Fertilizer application quantity with date.
4. Protection of existing plants and company property will be the responsibility of vendor, in case of damage same shall be recover from scope of vendor.
5. Maintenance and development of lawn area, seasonal beds, hedge, shrubs, plants, flowers, rose beds and other space structure etc. are covered under this contract.
6. Regular sweeping, Cleaning, watering and maintenance of entire garden area are covered under this contract.
7. Regular weeding and hoeing to keep the area free from weeds and wild vegetation.
8. Plantation of seasonal flowers as per planting season in existing bed on vendor's cost in consultation with horticulture In-charge.
9. Regular shearing of hedges, shrubs to give proper shape and removal of unwanted branches, tree shrubs and dispose them same as direction of horticulture In-charge.
10. Regular application of manure, fertilizer, insecticide, pesticide, fungicide in green area on as and when required as directed by horticulture in-charge.
11. Removing/Picking up of all unwanted weeds/plants from green area on regular basis.
12. Proper Levelling, dressing of soil manure mixture by rolling and manual means on as and when required as directed by horticulture in-charge.
13. Proper utilization and maintenance of irrigation system installed for watering of plantation, any damage shall be maintained by vendor of own cost and expenses.
14. Washing of plants/tree's leaf to be done as per requirement and direction of horticulture in-charge.
15. Any Plants/trees, shrubs within the garden area will be considered under the garden maintenance.
16. Vendor has to arrange water required for gardening through proper manner from source provide by the NTPC-JPL. Vendor shall deploy one tractor with water tanker of capacity 5kl along with helper and driving person for remote area on requirement as per direction of horticulture In-charge.
17. Necessary tools and tackles, skilled and unskilled manpower are to be deployed by the vendor for doing the job effectively. The rates shall be inclusive of cost of gardener / Labour with tools and tackles complete required for the work excluding the cost of horticulture inputs and contractor shall be bound to work at his finally agreed rates, meeting all terms and conditions. However, the minimum tools and tackles as required for maintenance of horticulture work is enlisted below or as per direction of horticulture In-charge.

OTHER AREA: -

- a) Brush Cutter 3 nos.
- b) Hosepipe 800 RM or as per requirement
- c) Non-Electric Lawn mower 3 Nos.
- d) Lawn Aerating Machine 1 No.
- e) Watering can 10 No.
- f) Bucket 10 Nos.
- g) Seeds Germination Tray 10 Nos.
- h) Spade 20 Nos.
- i) Gaiti 5 nos.
- j) Kulahri 5 nos.
- k) Khurpi 12 Nos.
- l) Nirani 12 Nos.
- m) Sprayer 10/15 liters. Size 04 Nos.

- n) Hedge shear 06 nos.
- o) Grass shear 06 Nos.
- p) Secateur 07 Nos.
- q) Grafting / building knife 03 Nos.
- r) Pruning knife 03 Nos.
- s) Pole pruner petrol 01 Nos.
- t) Tree pruner long 01 Nos.
- u) Garden rake 06 Nos.
- v) Shovel 03 Nos.
- w) Kudali 06 Nos.
- x) Sutli & Bamboo stick majestic etc as per requirement at site from time to time
- y) Other T & P as per requirement at site
- z) Hand Trolley 03 No.
- aa) Sprinkler 08 Nos.
- bb) Big wooden saw (Hool) 01 No. for cutting logs.
- cc) Cycle ricksaw 01 nos.
- dd) Non electric grass cutter machine 3nos.

FOR AWASIYA PARISHAR AREA: -

- a) Lawn mower/Brush Cutter 2 Nos.
- b) Hosepipe 1200 RM or as per requirement
- c) Watering can 01 No.
- d) Bucket 10 Nos.
- e) Seeding can 03 Nos.
- f) Pade 20 Nos.
- g) Gaiti / Kulahri 10 Nos.
- h) Khurpi 20 Nos.
- i) Nirani 04 Nos.
- j) Sprayer 10/15 1 trs. size 02 Nos.
- k) Hedge shear 07 Nos.
- l) Grass shear 20 Nos.
- m) Secateur 07 Nos.
- n) Grafting / building knife 03 Nos.
- o) Pruning knife 03 Nos.
- p) Tree pruner 03 Nos.
- q) Garden rake /barrow/ trolley 03 Nos.
- r) Showel 03 Nos.
- s) Sprinkler 08 Nos.
- t) Kudali 04 Nos.
- u) Sutli & Bamboo stick etc as per requirement at site from time to time
- v) Other T & P as per requirement at site
- w) Hand Trolley 01 No.
- x) Big wooden saw (Hool) 01 No. for cutting logs.

18. If job is not done to the satisfaction of horticulture in-charge, suitable amount will be deducted from the monthly bill on the basis of noncompliance of given certified checklist of work. Satisfaction level 90% and above. No deduction Satisfaction 90% and below. Deduction on pro-rata basis.
19. In case of failure of commitment, NTPC-JPL may engage additional vendor to execute the same after written instruction.
20. Lawns, gardens, flowers beds/pots are to be maintained properly and kept in presentable condition at any point of time.
21. Trees are to be properly trimmed at suitable interval as per direction of horticulture in-charge, so that they should look beautiful and uniform in shape.
22. Vendor will use insecticide, Pesticide, manure and fertilizers, terracotta, lime, coconut brooms etc of 10% of total amount of work order per year.
23. Vendor shall provide water tanker, lawn mower, bush cutter, tree pruner, grass cutter and other accessories required for the job as per direction of horticulture in-charge.
24. All safety appliances for vendor's crew members shall be in the scope of vendor as per direction of NTPC-JPL safety in-charge.
25. Fooding, accommodation, local conveyance, travelling expenses for vendor and his crew members in scope of vendor himself.

SCOPE OF HORTICULTURE WORK

SCOPE OF WORK FOR NEW GRASS PLANTATION AND NEW BED PREPERATION.

1. Cleaning, levelling, dressing, removal of unwanted material, pulverizing of plantation area by ploughing at least one feet depth, top dressing with good earth, manure, pesticides, chemicals and fertilizers will be done the vendor as per direction of horticulture in-charge.
2. Plantation of grass turf selection 1, Bermuda grass/any other at least one-meter square in such way, so that it gives ready use in condition.
3. Rolling of plantation area with heavy weight roller as per direction of horticulture in-charge.
4. Maintenance of newly grass plantation area will be for one month without any extra maintenance cost.
5. Good earth will be provided by NTPC-JPL on requirement after prior written information.
6. All types of landscaping, soil levelling/dressing and scraping will be in the scope of vendor.
7. Planting materials (grass) for carpeting of lawn area shall be in the scope of NTPC-JPL.
8. Certification at following steps
 - a) Certification of prepared land before grass plantation.
 - b) Certification after grass plantation, compulsory maintenance period for one month along with regular watering, weeding, mowing, fertilizing as and when required. Rolling after each rolling patch repairing to replace causalities and mowing thrice in a month.
 - c) Rolling of grass.
9. Preparation of bed on as and when requirement basis for seasonal plantation.
10. Vendor shall work hand over the area good condition.
11. Removal of wild bushes and other unwanted materials including levelling, dressing, land preparation, pulverizing, ploughing at least one depth as per direction of horticulture in-charge.

12. Removal of unwanted excavated materials and transporting the same at designated area.
13. Top dressing with good earth manure, chemical fertilizer and pesticide etc.
14. Plantation of hedge/seasonal flowers/ground covers etc. in good condition as per instruction of horticulture in-charge.

SCOPE OF WORK FOR MAINTENANCE OF LAWN AND GREEN BEDS.

1. Machinery/fuel/tools/tackles and their maintenance are in scope of vendor. Lawn mowers, bush cutters and other tools will be arranged by vendor.
2. Grass cutting in lawn should be done by machine on regular interval as instruction of horticulture in-charge.
3. On occasion of special function flower pots are to be moved from one place to other as per direction of horticulture in-charge, no extra payment shall be claimed for this work.
4. Pruning of rose bushes and similar flowers as per seasonal/perennial requirement.
5. Applying/spraying of fungicides/chemicals to protect and preserve the plants.
6. Nourishing the shrubs, trimming and cutting of dry branches etc. as per requirement.
7. Hoeing of flower beds by tilling the soil and preparation of bed by good earth/manure/cow dung mix etc. as per regular interval and instruction of horticulture in-charge. Cow dung and other manure under vendors scope with no additional payment.
8. Mowing of lawns once in a fortnight or at any interval given by horticulture in-charge.
9. The generated waste should be transported to designed place as per direction of horticulture in-charge.
10. Watering of lawn at regular interval for proper growth.
11. Applying/spraying of pesticides and manuring the flower beds and sprinkling of fertilizers as per direction of horticulture in-charge.
12. Mixing of soil with organic/inorganic manure and sand in required proportions as per direction of horticulture in-charge.
13. Maintenance of flower beds which includes planting of saplings, nursing the same, daily watering and removal of worn-out flowers, leaves, twigs, branches etc. trimming the flower plants at periodic intervals at least twice or thrice in a month as per direction of horticulture in-charge.
14. Flower arrangement on concerned flower pot/vase for decoration on daily basis according to the requirement.
15. Replacement of dead dry plants and gap filling with suitable plants as per instruction.

Note: For Garden maintenance if required following items like sand, bone mill manure, urea, rotex, old cake/mustered, thread(sutli), neem manure, chlorpyrifos 20%, rose mixture of DAP manure, seasonal flowers, perennial plants, grass, pot painting, tree painting et. In vendor's scope.

SCOPE OF WORK FOR PLANTATION OF SAPLINGS IN GOOD EARTH.

1. Pit should be made by vendor of size 2x2x2ft and sapling needed for plantation shall be provided by NTPC-JPL.

2. After plantation surrounding soil should be pressed properly for better establishment plants.
3. Soil must be mixed with manure before and during plantation as per direction of horticulture in-charge.
4. Proper soil bund after plantation to retain the water near plants.
5. Plantation will be under free maintenance at least for 3 months from time of plantation.
6. Machine, petrol /diesel /oil and other required tools tackles under vender's scope.
7. Applying and spraying of insecticide / fungicide to protect and preserve the plants.
8. Nourishing the plants trimming and pruning of dry branches etc. should be done regularly as per instruction of horticulture in charge.
9. Manuring and fertilizing the plants. Removing unwanted weeds and grasses from the plantation area.
10. Replacement of dead dry plants and gap filling with same suitable plants as instruction.
11. Proper Thala/ basin to be made at all plants.
12. Staking of plants to be done as per instruction of Horticulture in-charge.

SCOPE OF WORKS FOR POTING AND RE-POTING.

1. Preparation of soil, manure, sands mixture (in ratio 8:2:1), insecticide and fungicide and maintaining till establishment of plant (at list one month as per specification).
2. Potting must be done as per instruction of Horticulture in-charge.
3. Pots and sapling will be provided by JPL all other consumables will be under vendor scope.
4. Vendor will do all horticulture activity like application of fertilizer, insecticide, fungicide, watering and intercultural work preparation of soil, manure sand mixture (in ratio 8:2:1) for 1 month at free of cost re potting.
5. Potting must be done within defined timelines given by Horticulture in-charge.

SCOPE OF WORK FOR CLEANING OF WILD GROWTH (INSIDE AND OUT SIDE PLANT).

1. Weedicide should be applied at regular intervals to stop growth of weeds.
2. Cutting, uprooting and cleaning of all type wild growth (Herbs, shrubs, seedlings, sapling of any species, grass etc.) from the various areas inside the JPL.
3. In case of failure of application of weedicide, the penalty will be applied from the bill.
4. The cutting of grasses must be done close to possible ground level (maximum 2inch to 3 inch).
5. Vendor must engage enough resources to take up the job at 3 to 4 places at a time.
6. Vendor shall organize additional resources during monsoon to meet the additional requirement.
7. Frequency of cutting will be decided by expert as well as representative of Horticulture in-charge.

SUGGESTIVE YARDSTICKS FOR HORTICULTURAL MAINTENANCE.

(A) Deployment

1. Minimum one mali (un-skilled) for maintain of 2000 Sqm for "A" category lawn / turf.
2. Minimum one mali (un-skilled) for 3000 Sqm for "B" category lawn / turf.
3. Minimum three mali (un-skilled) for mowing of 1000 Sqm. lawn / turf.
4. Minimum four mali (un-skilled) for a day for mowing of 1000 Sqm lawn / turf residence.
5. Minimum one mali (un -skilled) for a day per week for maintenance of 'D' type qtr.
Lawn/flower bed / flower pots
6. Minimum one mali (un - skilled) for 4000 Sqm for grass maintenance in ash mound area.
7. Minimum one mali (un skilled) for 500 nos. tree / plant maint. in avenue areas / road side.
8. Minimum one mali (un skilled) for 1000 Nos. tree / maint. in buffer zone.
9. Minimum one mali (un skilled) for 500 sqm. for flower / rose bed maint.
10. Minimum one mali (semi # skilled) for 800 sqm. for rosery having more than 2000 sqm area of rosery at a place.
11. Minimum one mali per day (semi killed) for 800 sqm. for canna bed.
12. Minimum one mali (semi-skilled) for 800 sqm. planter bed maint. for ground covers.
13. Minimum one mali (un -skilled) for 1000 Nos. of pot upto 12" size.
12. Minimum one mali (un - skilled) for 500 Nos. of pot above 12" size.
13. Minimum one mali (un - skilled) for 500 Nos. plants planted in half cut drums.
14. Minimum one mali per day (semi-skilled) for 100 Nos. for filling and planting of cutting in poly beg.
15. Minimum one mali (semi-skilled) for 5000 Nos. for maintenance of cuttings and plants planted in poly beg.
16. Minimum one mali (un- skilled) for 30 Nos. plants / trees up to 2 Mtr. height for pruning trimming / unwanted branches.
17. Minimum one mali (un - skilled) for 20 Nos. plants / trees above 2 Mtr. height for pruning /trimming / unwanted branches.
18. Minimum one mali (un - skilled) for a day for 2 No. trees felling down up to size 60 Cm. in gl rth
19. Minimum two mali (un - skilled) for a day for 1 No. tree felling down beyond 60 Cm. and upto 120 cm. in girth.
20. Minimum one mali (un - skilled) for 50 pots per day for shifting of indoor / flower pots from stock yard to inside vice - versa.
21. Minimum one mali (un - skilled) for 40 Nos. trees per day for intercultural operation like thala making around the trees.
22. Minimum one mali (semi - skilled) for 750 sqm. kitchen garden maint.
23. Minimum one mali (semi-skilled) for maintenance of 3 No. rockery / water fall.
24. Minimum one mali (semi - skilled) for a day / month for maintenance of each topiary.
25. Minimum one mali (semi - skilled) for a day for spraying with pesticides in 20 qtrs.
26. Minimum one mali (semi - skilled) for a day for arrangement of flowers in 30 Nos. flower vase.
27. Minimum one mali (un -skilled) for a day for preparing of 100Rmt. flower garlands.
28. Minimum one mali (semi-skilled) for a day for preparing of 18 nos. bouquet.
29. Minimum one mali (semi-skilled) for a day for preparing of 120 nos flower bed (button hole)
30. Minimum one mali (semi-skilled) in a day for 1000 nos. raising and distribution of seasonal flower seedlings.
31. Minimum one mali (un skilled) for a day for lining with lime both side of road for 700 Rmt.
32. Minimum one Supervisor (skilled) for 10-acre area.
33. Provision of casual worker for season operation @ 100-man days per acre per year.

(B) SUGGESTIVE YARDSTICS FOR HORTICULTURE DEVELOPMENT

1. One mali in a day (semi-skilled) for planting of 150 plants edge/ hedge.

2. One mali in a day (semi-skilled) for planting of 250 plants edge/ hedge.
3. One mali in a day (semi-skilled) for planting of 50 plants of tree/ shrubs.
4. One mali in a day (semi-skilled) for planting of 150 plants of ground cover.

(C) YARDSTICKS FOR HORTICULTURE MAINTENANCE WORKS

1. Minimum lawn mover/Brush Cutter (manual) required @ 1 per 4 acre area.
2. Minimum power lawn mover/Brush Cutter (manual) required @ 1 per 10 acre area.
3. Minimum hose pipe required for watering @ 30 Mtr. Per 2 acre area.
4. Minimum phawra (Spade) required @ 1 per 2 acre area.
5. Minimum Khurpi required @ 1 per labour.
6. Minimum hedge sheer required @ 1 per 3000 Rm. Hedge / edge.
7. Minimum secateur required @ 1 per 3 acre area.
8. Minimum Jhaba / tagari @ 1 per 5 acre area.
9. Minimum sprayer required @ 1 per 15 acre area.
10. Minimum cycle rickshaw / trolley required 1 per 15 acre area.
11. Minimum watering can required 1 per 3 acre area.
12. Minimum one budding cum grafting knife required for 10 acre area.
13. Minimum one bucket required for 10 acre area.
14. Minimum one pick axe (Gaiti) required for 8 acre area.
15. Minimum one pruning knife required for 10 acre area.
16. Minimum one Axe (Kulhari) required for 10 acre area.
17. Minimum one shovel required for 10 acre area.
18. Minimum one Crow bar required for 10 acre area.
19. Minimum one grass shear required for 10 acre area.

20. Minimum consumption of manure/sludge/cow dung 0.004 cm per sqm over the surface (lawn) i.e. $4000 \times 0.004 =$ manure 16 cum per acre / year.
21. Minimum consumption of good earth is 0.004 cum per sqm over the surface i.e. 4000×0.004 per cum 16 cum per acre/year.
22. Minimum consumption of fertilizer (urea) four application in lawn (Nov. Dec. Jan # Feb) is 10 gm area each time i.e. 40 gm per sqm. $4000 \times 40/1000 = 160$ Kg/acre / year.
23. DAP, Bone Meal, Oil Cake, Agro etc. 100 gms. Per sqm. lawn / year i.e. 100 Kg per acre per year.
24. Minimum 1 Kg consumption of neem oil cake for termite control for 0.60 mtr. pit.
25. Minimum 1 Kg Consumption of neem oil cake per RM hedge / edge for termite control.
26. Minimum sludge / dump manure required for 1.0 mtr. pit @ 25 m³ for 100 Nos. tree.
27. Minimum sludge / dump manure required for 0.60 mtr. pit @ 6 m³ for 100 Nos. tree/shrubs/climber
28. Minimum concentrated organic manure required (two applications) @ 2 Qtl. For 100 trees.
29. Minimum Concentrated organic manure required (two application) @ 2 Qtl . For 200 Shrubs.
30. Minimum water requirement for park, lawn, garden (1" Over surface) @ 2 2000ltr/acre/day.
31. Minimum seasonal flower seed requirement @ Rs. 1000/- per acre per year.
32. Minimum 1 bag grass required (Cement bag) for 40 Sqm. Grassing.
33. Minimum Consumption of manure/sludge/cow dung 0.025 cm per sqm. Over the surface (For lawn development).
34. Pesticides # As per site requirement

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
Sub-Head : Horticulture and Landscaping				
1	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	150.00	cum	
2	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :			
a	Screened through sieve of I.S. designation 20 mm	150.00	cum	
3	Rough dressing the trenched ground including breaking clods.	8500.00	sqm	
4	Uprooting weeds from the trenched area after 30 days of its flooding with water including disposal of uprooted vegetation.	30227.04	sqm	
5	Fine dressing of the ground.	7916.00	sqm	
6	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately).	150.00	cum	
7	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge	200.00	cum	
8	Grassing with selection No. 1 Doob grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately).			
a	In rows 5 cm apart in both directions	1000.00	sqm	
b	With grass Turf	500.00	sqm	
9	Renovating lawns including weeding, cheeling the grass, forking the ground, top dressing with sludge or manure, mixing the same with forked soil, watering and maintaining the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing and disposal of rubbish as directed, including supplying good earth if needed (the cost of sludge, manure and the good earth shall be paid for separately).	2950.00	sqm	
10	Preparation of beds for hedging and shrubbery by excavating 60 cm deep and trenching the excavated base to a further depth of 30 cm, refilling the excavated earth after breaking clods and mixing with sludge or manure in the ratio of 8:1 (8 parts of stacked volume of earth after reduction by 20%: one part of stacked volume of sludge or manure after reduction by 8%), flooding with water, filling with earth if necessary, watering and finally fine dressing, leveling etc. including stacking and disposal of materials declared unserviceable and surplus earth by spreading and leveling as directed, within a lead of 50 m, lift up to 1.5 m complete (cost of sludge, manure or extra earth to be paid for separately)	194.00	cum	
11	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately)			
a	Holes 60 cm dia, and 60 cm deep	500.00	Each	
b	Holes 45 cm dia, and 45 cm deep.	400.00	Each	
12	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5 k.m.lead complete (Cattle manure measured in stacks will be reduced by 8% for Payment).	150.00	Cum	

Bill Of Quantity				
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Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
13	Providing Circular Cement Concrete pots of specified size, cast with cement concrete of nominal mix 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 6 mm nominal size), reinforced with 7 Nos (3 nos horizontal & 4 nos vertical" U" shape) M.S. wires of 3.5 mm dia as per design, including required form work, finishing with cement punning on exposed surface, curing for specified period and stacking in required rows & height, all complete as per direction of Officer-in-charge.			
a	Size of Empty Pots 35cm Top dia, 25cm Bottom Dia & 35cm Perpendicular height.	500.00	Each	
14	Filling of the Polythene bags by mixture of good earth and manure in the ratio of 2:1 (2 part of good earth and 1 part of the manure) and placing the same of appropriate place (the good earth & manure Polythene bags will be provided by the department) all complete as per direction of the Officer- in-charge.			
a	Polythene bags size 12.5 cm dia x 17.5 cm height	3000.00	Each	
b	Polythene bags size 15 cm dia x 20 cm height	2000.00	Each	
c	Polythene bags size 20 cm dia x 25 cm height	500.00	Each	
15	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and than rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge.	450.00	Per Sqm	
16	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly,as per direction of officer in charge	11916.00	Per Sqm	
17	Supplying & Stacking of Selection No.1 doob grass turf at site fresh & free from weeds having proper roots in green including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	1000.00	Per Sqm	
18	Cutting of Hedge/Edge including removing of cut material, cleaning, hoeing of hedge/edge bed watering, manureing and applying insecticides and fungicides etc.(excluding the cost of material which shall be supplied by the department) and as per direction of officer in charge.	1800.00	Per Sqm per month	
19	Topiary cutting/shapping of plant removing of cut materials, cleaning, hoeing of plants complete design hoeing of trees (Topiary) watering manure etc.(excluding the cost of material which shall be supplied by the department) and as per direction of officer in charge.			
a	Height of Topiary upto 120 cm.	100.00	per plant per month	
b	Height of Topiary above 120 cm.	150.00	per plant per month	
20	Complete maintenance of the entire garden features having as per yard stick in the garden area i.e. lawn trees, shrubs, edge, flower beds, foliages, creepers etc. including hoeing,weeding pruning replacement of plants, gap filling, watering, mowing of lawn, grass cutting by lawn mover and brush cutter, removal of garden waste, applying insecticide, pesticide & fertilizers(whenever required) top dressing of lawn with good earth and manure and maintenance of other garden related works as directed by office-in-charge (Cost of Good Earth, Manure, Fertilizer, Insecticide, Pesticide, lawn mover and brush cutter with fuel & other T & P material/ articles shall be provided by the department.)			
a	Prestigious works	121920.00	Per Sqm per month	
b	Office Area works	39552.00	Per Sqm per month	

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AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
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Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
f	Open spaces	210984.00	Per Sqm per month	
21	Complete maintenance of trees (Out side garden features), jobs like making of basin of plant at regular interval i/c watering, weeding, pruning & application of fertilizer etc, (excluding the cost of material which shall be supplied by the department and other T & P material/articles shall be provided by the contractor) and as per direction of officer in charge. Trees for 250 no/(up to 4 & up to 3 year Slow & Fast growing group)			
a	Trees for 250 no/(up to 4 & up to 3 year	9600.00	per plant per month	
b	Trees for 300 no/ (4-8 & 5-6 year Slow & Fast growing group)	12000.00	per plant per month	
c	Trees for 1200 no (beyond 8 year Slow & beyond 6 Fast growing group)	66000.00	per plant per month	
22	Complete maintenance of shrubs (Out side garden features), jobs like making of basin at regular interval i/c watering, weeding, pruning & application of fertilizer etc, (excluding the cost of material which shall be supplied by the department) and as per direction of officer in charge.	7200.00	per plant per month	
23	Maintenance of Potted Plants at Nursery in Earthen pot including resetting/ displaying at Nursery, including watering, weeding, hoeing, colouring, transplanting the damaged pots and disposal of generated garbage at specified place as per direction of officer-in-charge. (Note:-Good earth, manure, fertilizer, insecticide & pesticide will be provided by the department) (Earthen pot 2000 nos)	9600.00	Per Pot per Month	
24	Maintenance of earthen potted plants in displayed at ground floor only in bungalow,office complex including application of good earth, manure, insecticide, pesticide and fertilizer, removing of dry parts by pruning, cleaning dry leaves and displaying in appropriate place and replacement of broken pots coloring of pots and change of location of pots and replacing with fresh plants as and when required (Materials provided by the department) as per direction of officer in charge (For Earthen pot 750 Nos) Per Month	1800.00	Per Pot per Month	
25	Maintenance of cement potted plants at ground floor in flats and ground floor bungalow,office complex including application of good earth, manure, insecticide, pesticide and fertilizer, removing of dry parts by pruning, cleaning dry leaves and displaying in appropriate place and replacement of broken pots coloring of pots and change of location of pots and replacing with fresh plants as and when required (Materials provided by the department) as per direction of officer in charge (For of Cement pots 300 no)	600.00	Per Pot per Month	
26	Weeding out of lawn by removal of all weeds and other wild growth with roots by forking including disposal of garden rubbish with all loads and lifts complete if top dressing required (cost of manure, sludge or extra good earth to be paid for separately) as per direction and satisfaction of officer in charge			
a	Where weeds upto 25%	3500.00	Per Sqm	
27	Providing & fixing of White River (Stone) Pebbles size of 2" to 2.50" dia in natural colour at site of work including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	5.00	Per Qtl	

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Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
28	Arranging of cut flower in flower vases and display the same in a presentable manner including cleaning of vases and replacement of water etc. complete (Cost of Cut flowers will be paid separately) as per direction of officer in charge			
a	For 15 to 20 spike	50.00	Per flower vase	
b	For above 20 spike	50.00	Per flower vase	
30	Anti termite treatment by digging holes 30 cm deep and 4 cm dia, 6 to 7 holes around the tree using chemical emulsion at the rate of 1.5 liter per hole in two time or more application to get the trees free from termite infection chemicals used Chlorpyriphos 20% EC in the ratio of 1% concentration and as per direction of officer-in-charge.	800.00	Each Tree	
31	Providing and applying anti termite treatment of infected trees i/c all branches/leaves by spraying chemical emulsion 0.5% (Chlorpyriphos 20% EC) concentration through power spray machine (@ 100 ml Chlorpyriphos per tree i/c cost of chemical) and as per direction of officer-in-charge.and as per direction of officer-in-charge.	1000.00	Each Tree	
32	Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area.(two application) i/c cost of chemical)and as per direction of officer-in-charge.and as per direction of officer-in-charge.	4000.00	Per sqm	
33	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserviceable material's as per direction of officer in charge (excluding cast of plant & water)			
a	Trees Plant	1000.00	Each	
b	Shrubs Plant	1500.00	Each	
c	Hedge Plant/Ground cover	500.00	Each	
34	Cleaning and Sweeping of Lawn / Garden area and keep it neat and clean by mechanized method / manually, remove litter,debries, picking of leaves, papers, plastic bottles etc on regular basis per month . including disposal of collected waste in dustbin/ designated place, as per direction of officer -in- charge (All T & P, materials/ articles shall be provided by the contractor.)			
a	For Prestigious Area	121920	Sqm.	
b	For Other Prime Area	39552.00	Sqm.	
35	Removal of garden waste by TATA 407 or equivalent including loading/ unloading and carriage upto 1 km lead,complete disposal upto designated place as per direction of officer-in-charge .	40.00	Per Trip	
36	Pruning, trimming, shaping of trees /shrubs (ht 15 feet and above) i/c removal of cut materials upto 50mt. Lead, as per direction of officer in charge. T&P shall be arranged by the contractor.	150.00	Per tree	
37	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.			
	Beyond 30 cm girth upto and including 60 cm girth	40.00	Pre Tree	
	Beyond 60 cm girth upto and including 120 cm girth	40.00	Pre Tree	

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Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
38	Dry Tree Cutting girth upto 30cm height 10-15m, age 5-6years	40.00	Pre Tree	
<i>Total of the Sub-Head - Horticulture And Landscaping :</i>				
Sub-Head : Foliage and Shade Loving Plants				
37	Providing and displaying of Areca Palm having ht. 90 cm to 1.20 m with 4 to 5 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	40.00	Each	
38	Providing and displaying of Brassia Variegated having ht. 30 cm to 45 cm, well developed with fresh and healthy foliage in 25 cm size of Earthen pot /Plastic pot. & as per direction of the officer-in-charge.	20.00	Each	
39	Providing and displaying of Croton Golden having ht. 45 cm to 60 cm with 2 to 3 branches, well developed, fresh and healthy foliage in 25 cm size of Earthen pot/Plastic pot as per direction of the officer-in-charge.	40.00	Each	
40	Providing and displaying of Croton Petra Bangalore variety having ht 45 cm & above, well developed with fresh and healthy leaves in 20 cm size of Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	40.00	Each	
41	Providing and displaying of Dieffenbachia Maculata having ht. 45 cm to 60 cm with 5 and above leaves, well developed, fresh and healthy & attractive variegated foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	40.00	Each	
42	Providing and displaying of Dracaena song of India specimen (three in one), having ht. 60 cm & above, well developed, fresh and healthy with good foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	40.00	Each	
43	Providing and displaying of Livistona palm having ht. 60 cm to 75 cm, well developed with 8 to 10 leaves, fresh & healthy foliage in 30 cm size of Earthen pot/Plastic pot. as per direction of the officer-in-charge.	25.00	Each	
44	Providing and displaying of Monestaria mounted on moss stick 90 cm ht., 2 to 3 in one pot well developed with fresh & healthy foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	25.00	Each	
45	Providing and displaying of Money Broad Leaves mounted on moss stick 90 cm ht., 3 to 4 sin each pot, well developed with full of fresh & healthy leaves in size of 25 cm Top dia x 18 cm Bottom dia x 25 cm Perpendicular height Earthen pot/Plastic pot. & as per direction of the officer-in-charge.	10.00	Each	
46	Providing and displaying of Philodendron Burgundy mounted on moss stick 90 cm ht., well developed with full of fresh & healthy leaves from bottom to top in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
47	Providing and displaying of Philodendron emerald red colour mounted on moss stick 90 cm ht., having 3 s placed at equal distance, well developed with full of fresh & healthy leaves in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
48	Providing and displaying of Philodendron Envy mounted on moss stick 90 cm ht., well developed with full of fresh & healthy leaves in 30 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
49	Providing and displaying of Raphis palm having ht. 75 cm to 90 cm with 12 to 15 equal suckers, well developed, full of fresh & healthy leaves from bottom to top in 25 cm size Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
50	Providing and Displaying of Rubber variegated, well developed, having 45 to 60 cm ht.with fresh, healthy leaves in 25 cm size Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
51	Providing and displaying of Sanchezia nobilis having ht. 30 cm & above, well developed with fresh & healthy foliage in 20 cm size of Earthen pot/ Plastic pot & as per direction of the officer-in-charge.	10.00	Each	

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Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
52	Providing and Displaying of Schefflera green 3 in 1 well developed with fresh, healthy and attractive foliage from having 45 cm to 60 cm ht. in 25 cm size Earthen pot/Plastic pot/as per direction of officer-in-charge.	20.00	Each	
53	Providing and displaying of Schefflera Varieged, mounted on moss stick 90 cm ht., 3 to 4 s placed in each pot at equal distance, well developed with full of fresh & healthy bright leaves from bottom to top in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
54	Providing and Displaying of Spathiphyllum (peace lily), having 15 cm to 25 cm ht. blooming stag with fresh & healthy foliage well developed in 15 cm of Earthen pot/plastic pot as per direction of officer-in-charge.	10.00	Each	
55	Providing and displaying of Syngonium golden mounted on moss stick 90 cm ht., 3 to 4 s placed in each pot at equal distance, well developed with full of fresh & healthy leaves from bottom to top in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
56	Providing and displaying of Syngonium Variegated mounted on moss stick 90 cm ht., 3 to 4 s placed in each pot at equal distance, well developed with full of fresh & healthy leaves from bottom to top in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	10.00	Each	
<i>Total of the Sub-Head - Foliage And Shade Loving Plants :</i>				
Sub-Head : Seasonal Plants				
57	Providing and Displaying Allyssum white in full bloom well developed fresh & healthy Plant in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
58	Providing and Displaying Anemone hybrid (3 in one) variety well developed with fresh & healthy Flower in full bloom in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
59	Providing and Displaying Antirrhinum Hybrid Dwarf variety (3 in one) well developed with fresh & healthy Flower multi branch in full bloom in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
60	Providing and Displaying Antirrhinum Hybrid dwarf variety, specimen (8-10) with fresh & healthy foliage in full bloom well developed in 35 cm Earthen Tray/Challi Pot and as per direction of the officer-in-charge.	40.00	Each	
61	Providing and Displaying Asiatic lilly hybrid variety (3 in one) in each pot having in full bloom 3 to 5 flowers 30 to 45 cm ht. well developed in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
62	Providing and Displaying Aster Hybrid variety in different colour, well developed with fresh & healthy foliage in full bloom 23 to 30 cm ht., in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
63	Providing and Displaying Begonia rex having 15 to 23 cm ht., well developed with fresh & healthy foliage with 10 to 12 flowers in bloom in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
64	Providing and Displaying Brachycome well developed with fresh & healthy foliage with 100 to 120 flowers stacking with green painted bamboo stick in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
65	Providing and Displaying Calceolaria hybrid variety in full bloom well developed with fresh & healthy foliage in 20 cm Earthen Pot/Plastic Pot as per direction of the officer-in-charge.	40.00	Each	
66	Providing and Displaying Calendula double variety well developed with fresh & healthy foliage in full bloom in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
67	Providing and Displaying Chrysanthemum single variety in different colour well developed having 45 to 60 cm ht., minimum 100 and above half bloom flowers open well stacked with bamboo stick having three layer tiding by thread fresh and healthy foliage in 25 cm Earthen Pot and as per direction of the officer-in-charge.	40.00	Each	
68	Providing and Displaying Cineraria long 45 to 60 cm ht., 8 to 10 branch with full bloom specimen plant with green painted stacking in 30 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	

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NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
69	Providing and Displaying Coleus broad leaves having 5 to 6 branches equal well developed with fresh & healthy foliage in different colour in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
70	Providing and Displaying Dahlia double kenya variety in different colour well developed with 3 to 4 flowers in half bloom, good foliage stacked with Green painted Bamboo sticks, 45 to 60 cm height in 25 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
71	Providing and Displaying Dahlia single in different colour with fresh & healthy foliage well developed with 6 to 8 half blooming buds in 20 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
72	Providing and Displaying Dianthus dwarf in different colour fresh & healthy bloom in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
73	Providing and Displaying Dianthus in different colour well developed with fresh & healthy foliage 30 cm ht., in full bloom with stacking in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
74	Providing and Displaying Gazania hybrid in different colour well developed with fresh & healthy foliage with full bloom in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
75	Providing and Displaying Geranium double variety having 30 cm ht., in different colour well developed with fresh & healthy foliage (3 in one) well bloomed in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
76	Providing and Displaying Gerbera Hybrid, well developed, with fresh and healthy foliage, fully blooms in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
77	Providing and Displaying Impatiens in different colour well developed fresh and healthy (3 in one) well bloomed in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	40.00	Each	
78	Providing and Displaying Marigold jaffri dwarf in different colour well developed with fresh & healthy foliage with 12 to 15 flowers in full bloom specimen plant 23 to 30 cm ht. in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	80.00	Each	
79	Providing and Displaying Marigold jaffri French orange/yellow/Russet colour well developed with fresh & healthy foliage with 60 to 75 flowers in bloom specimen plant 60 to 75 cm ht in 30 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	150.00	Each	
80	Providing and Displaying Kalanchoe Hybrid variety in different colour well developed with fresh & healthy foliage in full bloom in 20 cm Earthen pot/ Plastic Pot and as per direction of the officer-in-charge.	50.00	Each	
81	Providing and Displaying Marigold(Tagetes) inca hybrid different colour having 30 cm and above ht., with 6 to 8 flowers in bloom & blooming condition, well developed pot should be fully covered with fresh and healthy, foliage and flowers in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	80.00	Each	
82	Providing and Displaying Pansy Hybrid Sakata in different colour specimen 6-8 in a pot with fresh & healthy foliage in full bloom well developed in 35 cm Earthen Tray/ Nand as per direction of the officer-in-charge.	10.00	Each	
83	Providing and Displaying Pansy Hybrid Sakata well developed with fresh & healthy foliage with 3 to 4 flower in bloom in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
84	Providing and Displaying Petunia hybrid different colour single well developed in full bloom in 20 cm Earthen/Plastic Pot and as per direction of the officer-in-charge.	50.00	Each	
85	Providing and Displaying Phlox in different colour well developed with fresh & healthy foliage 30 cm ht., in full bloom with stacking in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	50.00	Each	
86	Providing and Displaying Poinsettia Dwarf variety different colour well developed 23 to 30 cm ht., 3 to 4 branch full bloom with fresh & healthy foliage in 15 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
87	Providing and Displaying Salvia dwarf variety with fresh & healthy foliage well developed multi branching in blooming stage in 15 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
88	Providing and Displaying Salvia red Hybrid dwarf variety having 15 cm to 25 cm ht.,specimen 6 plants with fresh & healthy foliage in full bloom well developed in 35 cm Earthen Try/nand and as perdirection of the officer-in- charge.	20.00	Each	
89	Providing and Displaying Celosia well developed fresh & healthy 20 to 25 cm ht. (attractive) multi branching at blooming stage in 20 cm Earthen Pot/ Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
90	Providing and Displaying Caladium Hybrid variety 3 to 4 in a pot well developed with fresh & healthy foliage 30 to 45 cm ht. in different colour 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
91	Providing and Displaying Cockscomb well developed fresh & healthy 20 to 25 cm ht. attractive colors fully bloomed in 20 cm Earthen Pot/Plastic Pot and as perdirection of the officer-in-charge.	20.00	Each	
92	Providing and Displaying Gaillardia double hybrid variety well developed 30 to 45 cm ht 20 to 30 fresh & healthy flower with green painted bamboo stick in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	20.00	Each	
93	Providing and Displaying Kochia well developed fresh & healthy 30 to 45 cm ht. lush green well shaped in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	100.00	Each	
94	Providing and Displaying Vinca different colour 6 to 8 well developed branch in full bloom stacked with green painted Bamboo stick in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
95	Providing and Displaying Zinnia hybrid double in different colour well developed fresh & healthy 30 to 45 cm ht. (3 to 4 in each pot) full bloom in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.	10.00	Each	
96	Providing and Displaying Budded Rose (H.T. variety) 3 to 4 healthy branch 30 cm and above ht. well developed with one and above flower plant in 20 cm Earthen Pot, as per direction of the officer-in-charge.	10.00	Each	
97	Providing and Displaying Creeper Rose variety 3 to 4 healthy branch 60 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.	10.00	Each	
98	Providing and Displaying Standard Rose (H.T. variety) 3 to 4 healthy branch 90 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.	10.00	Each	
Total of the Sub-Head - Seasonal Plants :				

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
Sub-Head : Ornamental Plants				
99	Providing and Displaying Acalypha Different colour well developed, fresh & healthy with good foliage, multi branch 30 to 45 cm ht. in 20 cm size of Earthen Pot/ Plastic Pot bushy as per direction of the officer-in-charge.	20.00	Each	
100	Providing and Displaying Acalypha green well developed, fresh & healthy with good foliage, multi branch 30 to 45 cm ht. in 20 cm size Earthen Pot/ Plastic Pot bushy as per direction of the officer-in-charge.	10.00	Each	
101	Providing and Displaying Acalypha red well developed with fresh & healthy 30 to 45 cm ht. in 20 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	10.00	Each	
102	Providing and Displaying Acalypha twisted well developed with fresh & healthy 30 cm ht. in 20 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	20.00	Each	
103	Providing and Displaying Adenium Obesum grafted well developed with fresh & healthy 30 to 60 cm ht. in 25 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.	25.00	Each	
104	Providing and Displaying Bougainvillea named variety, Sobhra, Thima, Marry palmar, Cherry Blossom etc. well developed with fresh & healthy bushy in full bloom 75 to 90 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	50.00	Each	
105	Providing and Displaying Cycus cirsnallis well developed with fresh & healthy 35 to 40 lush green leaves in 40 cm Cement Pot as per direction of the officer-in-charge.	6.00	Each	
106	Providing and Displaying Cycus revoluta in 35 cm challi, specimen , having 30 to 40 with fresh and healthy, leaves having 25cm to 30cm circumfrance of base stem well developed as per direction of the officer-in-charge.	6.00	Each	
107	Providing and Displaying Ficus nuda topiary well developed with fresh & healthy foliage 45 to 60cm spread 75 to 90 cm ht. bushy in 35 cm Cement Pot as per direction of the officer-in-charge.	10.00	Each	
108	Providing and Displaying Ficus reginold well developed fresh & healthy foliage 60 to 75 cm spread 105 to 120 cm ht., Bushy in 35 cm Cement Pot as per direction of the officer-in-charge.	10.00	Each	
109	Providing and Displaying Foxtail palm well developed with fresh & healthy foliage of ht. 210 to 240 cm in big 40 cm Cement Pot as per direction of the officer-in-charge.	50.00	Each	
110	Providing and Displaying Golden Bottle brush Topiary well developed with fresh & healthy foliage 5 to 6 big ball 115 to 180 cm ht in 40 cm Cement Pot as per direction of the officer-in-charge.	10.00	Each	
111	Providing and Displaying Topiary of Casuarina fresh & healthy having 5 to 6 specific shape and size ball well developed 195 to 210 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	10.00	Each	
Total of the Sub-Head - Ornamental Plants :				
: Ground Covers Plants				
112	Providing and stacking of Aspidistra, having 10 to 15 leaves well developed with fresh & healthy in 25 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	10.00	Each	
113	Providing and stacking of Clerodendrum inerme having ht. 25 cm to 30 cm multi branched in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	20.00	Each	
114	Providing and stacking of Chlorophytum (Green), full of leafy suckers in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	20.00	Each	
115	Providing and stacking of Chlorophytum-variegated, full of leafy suckers in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	20.00	Each	
116	Providing and stacking of Cuphea chinensis of ht. 20-30 cm full of branches and healthy foliage in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	50.00	Each	
117	Providing and stacking of Daniella variegated, with 3 to 4 variegated leaves in 20 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	10.00	Each	
118	Providing and stacking of Ophiopogon, Green/Blackfull of leaves in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	25.00	Each	

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
119	Providing and stacking of Ophiopogon jaburan (variegated), full of variegated leaves in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	25.00	Each	
120	Providing and stacking of Schefflera green, having 3 to 4 branch, ht. 30 to 45 cm well developed with fresh & healthy in 20 cm size of Earthen Pot/ Plastic Pot as per direction of the officer-in-charge	20.00	Each	
121	Providing and stacking of Setcreasea purpurea full of variegated leaves in 15 cm size of Earthen Pot/Plastic Pot as per direction of the officer-in-charge	100.00	Each	
122	Providing and stacking of Syngonium (Butterfly) variegated with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	10.00	Each	
123	Providing and stacking of Syngonium golden of height 30-45 cm. with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	50.00	Each	
124	Providing and stacking of Syngonium miniature dwarf, having height 30-45 cm. with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 20 cm. as per direction of the officer-in-charge.	10.00	Each	
125	Providing and stacking of Syngonium variegated,of height 20-30 cm. with 2-3 suckers healthy foliage in Earthen Pot/Plastic Pot of size 15 cm. as per direction of the officer-in-charge.	20.00	Each	
126	Providing and stacking ofTradescantia, full of leaves in Earthen Pot/Plastic Pot of size 15 cm. as per direction of the officer-in-charge.	100.00	Each	
127	Providing and stacking ofTradescantia zebrina having in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	100.00	Each	
128	Providing and stacking of Wedelia trilobata,full of leaves in 15 cm size of Earthen Pot/Plastic Pot & as per direction of the officer-in-charge.	100.00	Each	
Total of the Sub-Head - Ground Covers Plants :				
Head : Tree Plants				
129	Providing and stacking of Albizzia lebbek of height 150-165 cm. in bag of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
130	Providing and stacking ofAzadirachta indica (Neem) of height 120-130cm in big polybag of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
131	Providing and stacking of Bassia latifolia (Mahua) of height 90-105 cm. in big polybag of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
132	Providing and stacking of Bauhinia blakeana (Kachnar) of height 120-150 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
133	Providing and stacking of Bauhinia purpurea (Kachnar) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
134	Providing and stacking of Bottle palm of ht. 270-300 cm bottom girth 40-50 cm well developed in big HDPE bags as per direction of the officer-in-charge.	50.00	Each	
135	Providing and stacking of Butea frondosa (Flame of Forest) of height 60-75 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
136	Providing and stacking of Casuarina equisetifolia of height 150-165 cm in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
137	Providing and stacking of Cassia fistula (Amaltash) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
138	Providing and stacking of Cassia siamea of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	150.00	Each	
139	Providing and stacking of Dalbergia sissoo (Seasam) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	150.00	Each	
140	Providing and stacking of Delonix regia (Gulmohar) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.v	75.00	Each	
141	Providing and stacking of Ficus bengalensis (Bargad) of height 120-135 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
142	Providing and stacking of Ficus infectoria (Pilkhan) of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
143	Providing and stacking of Ficus lyrata of height 45-60 cm. in earthen pots of size 25 cm as perdirection ofthe officer-in-charge.	50.00	Each	
144	Providing and stacking of Ficus religiosa (Peepal) of height 150-165 cm. in big poly bags of size 30 cm as per direction of the officer-in-charge.	50.00	Each	
145	Providing and stacking of Ficus retusa well branched of height 120-135 cm. in big poly bags of size of 30 cm as per direction of the officer-in-charge.	10.00	Each	

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
146	Providing and stacking of Ficus shiela of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	10.00	Each	
147	Providing and stacking of Inga dulcis (Jungle Jalebi) of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
148	Providing and stacking of Lagerstroemia flosreginae of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
149	Providing and stacking of Mangifera indica (Mango-grafted) of height 60-75 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	50.00	Each	
150	Providing and stacking of Peltophorum species of height 150-165 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
151	Providing and stacking of Pongamia glabra (Papri) of height 120-135 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
152	Providing and stacking of Polyalthia pendula (Ashok Pendula) of height 150-165 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
153	Providing and stacking of Tamarindus indica (Imli) of height 120-150 cm. in big poly bags of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
154	Providing and stacking of Tectona grandis (Teak) of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	150.00	Each	
155	Providing and stacking of Terminalia arjuna of height 150-165 cm. in big polybags of size 25 cm as per direction of the officer-in-charge.	150.00	Each	
Total of the Sub-Head - Tree Plants :				
Sub-Head : Shrubs				
156	Providing and stacking of Bauhinia acuminata height 60-75 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	25.00	Each	
157	Providing and stacking of Bauhinia tomentosa (yellow) of height 60-75 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	25.00	Each	
158	Providing and stacking of Caesalpinia pulcherrima species of height 45-60 cm. in earthen pot of size 20 cm as per direction of the officer-in-charge.	50.00	Each	
159	Providing and stacking of Calliandra, emarginata of height 45-60 cm. in earthen pot of size 20 cm as per direction of the officer-in-charge.	25.00	Each	
160	Providing and stacking of Calliandra hybrida of height 75-90 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.	25.00	Each	
161	Providing and stacking of Cassia biflora of height 60-75 cm. with 4-5 branches in poly bags of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
162	Providing and stacking of Cassia laevigata of height 60-75 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.	75.00	Each	
163	Providing and stacking of Dombeya mastersii of height 60-75 cm. with 4- 5 branches in bag of size 25 cm as per direction of the officer-in-charge.	10.00	Each	
164	Providing and stacking of Euphorbia caracasana (bronze colour leaves) of height 60-75 cm. with 2-3 branches in earthen pots of size 20 cm as per direction of the officer-in-charge.	20.00	Each	
165	Providing and stacking of Euphorbia pulcherrima (dark red double bracts) well branched of height 60-75 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	25.00	Each	
166	Providing and stacking of Excoecaria bicolor of height 45-60 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge.	20.00	Each	
167	Providing and stacking of Ficus blackii (F.vivion) of height 45-60 cm. with 6- 8 branches healthy foliage in earthen pots of size 25 cm as per direction of the officer-in-charge.	10.00	Each	
168	Providing and stacking of Ficus reginald well branched, bushy of height 60- 75 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge.	10.00	Each	
169	Providing and stacking of Gardenia jasminoides of height 45-60 cm. with 3- 4 branches in earthen pots of size 20 cm as per direction of the officer-in-charge.	10.00	Each	
170	Providing and stacking of Hamelia patens of height 30-45 cm. with 3-4 branches in poly bags of size 20 cm as per direction of the officer-in-charge.	20.00	Each	
171	Providing and stacking of Lagerstroemia indica of height 90-105 cm. multibranched in poly bags of size 25 cm as per direction of the officer-in-charge.	50.00	Each	

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
172	Providing and stacking of Malpighia coccigera of height 30-45 cm., multibranched in earthen pots of size 20 cm as per direction of the officer-in-charge.	50.00	Each	
173	Providing and stacking of Murraya exotica of height 45-60 cm. in poly bags of size 15 cm as per direction of the officer-in-charge.	50.00	Each	
174	Providing and stacking of Mussaenda erythrophylla (Rosea) of height 60- 75 cm. multi branched in earthen pots of size 25 cm as per direction of the officer-in-charge.	10.00	Each	
175	Providing and stacking of Nerium oleander (kaner) of height 45-60 cm. with 3-4 branches in poly bags of size 20 cm as per direction of the officer-in-charge.	50.00	Each	
176	Providing and stacking of Nerium oleander (kaner) dwarf of height 30-40 cm. in earthen pot of size 20 cm as per direction of the officer-in-charge.	50.00	Each	
177	Providing and stacking of Nyctanthes arbor-tristis (Hasingar) of ht. 90-105 cm in Earthen pots of size 20 cm as per direction of the officer-in-charge.	10.00	Each	
<i>Total of the Sub-Head - Shrubs :</i>				
tion of Trees and Cutting of Dry tree				
178	Transplantation of trees with in a distance of 2km including excavation around existing tree, pruning of branches, lifting, loading and transportation of existing tree, digging pits for placing tree at new place, adding manure, sand, fertilizer, hormones and bio fertilizer to it. Levelled and neatly dressed and disposal of surplus materials from old existing and new sites to designated place. Each tree should be firmly secured to the stake so as to prevent excessive movement, flooding with water, treatment of roots, rope and gunny bags as per direction of the officer incharge. T&P and all required materials shall be arranged by the contractor and nothing extra shall be paid on this account. (a) Girth of tree shall be measured at a height of 1m above ground level.			
a	Girth of trees upto 50cm.	10.00	Each tree	
<i>Total of the Sub-Head - Cutting/Transplantation of Trees :</i>				
Sr No	Non Schedule Items Part-3(Providing and stacking)	Quantity	AU	
A	NS-1 Supply of Max pouppup sprinklor	25	EA	
B	Fertilizer			
1	NS-2 Fertilizer UREA 50kg bag	40	Bag	
2	NS-3 Fertilizer DAP 50kg bag	20	Bag	
3	NS-4 Fertilizer Superphosphate 50kg bag	5	Bag	
4	NS-5 Fertilizer PotashPhosphate 50kg bag	5	Bag	
5	NS-6 Fertilizer ZinkPhosphate 25kg bag	5	Bag	
C	Incecticide			
1	NS-7 Incecticide Rogar 30EC	2	Ltr	
2	NS-8 Incecticide Nuvan 76EC	2	Ltr	
3	NS-10 Incecticide Dursban 20 EC chloripyrifos	2	Ltr	
4	Fungicide			
5	NS-11 Fungicide Blitox 50 wp	2	kg	
6	NS-12 Fungicide SAFF carbendazim 12% mancozeb 63% wp	1	kg	
7	NS-13 weedicide Roun up 41% SL	1	kg	
D	Winter Seeds			
1	NS-14 Marigold F1 yellow 1000seeds	2	Pkt	
2	NS-15 Marigold F1 Orange 1000seeds	2	Pkt	
3	NS-16 Marigold F1 White 1000seeds	2	Pkt	
4	NS-17 ASTER 1000seeds	2	Pkt	
5	NS-18 CALENDULA 1000seeds	2	Pkt	
6	NS-19 PATURINA SINGLE 1000seeds	2	Pkt	
7	NS-20 PATURINA DOUBLE 1000seeds	2	Pkt	
8	NS-21 CARNATION DOUBLE 1000seeds	2	Pkt	
9	NS-22 PHLOX 1000seeds	2	Pkt	
10	NS-23 SALVIA 1000seeds	2	Pkt	
11	NS-24 DAHELIA 1000seeds	2	Pkt	
E	Summer Seeds			
1	NS-25 VINCA 1000seeds	2	Pkt	

Bill Of Quantity				
AMC for Horticulture Development & Landscaping works at NTPC-JPL 1x600MW				
NIT - JPL/C&M/Contracts/NIT/2023/001 dated 12.05.2023				
Sl.No.	Description of Item	Quantity	Unit	Amount(INR)
2	NS-26 ZINRIA 1000seeds	2	Pkt	
3	NS-27 COCHIA 1000seeds	2	Pkt	
4	NS-28 GALARDIA 1000seeds	2	Pkt	
5	NS-29 PARTULACA 1000seeds	2	Pkt	
<i>Total of the Sub-Head Non Schedule Items Part-3 - :</i>				
<i>Grand Total of All works</i>				
Total Cost of work including GST @ 18				

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

SECTION – VII

FORMS & PROCEDURES

TABLE OF FORMS AND PROCEDURES		
S. No.	Attachment / Annexure Nos.	Description
		Bid Form & Attachments
1	Attachment-1	Bid Form
2	Attachment-1A	Bid Security (EMD)
3	Attachment-1B	Bid Security Declaration
4	Attachment-2	Authority to Sign Bid
5	Attachment-3	Bidders Qualification Documents in line with attached Performa-3A & 3B
6	Attachment-4	Sub-Contractor proposed by Bidder
7	Attachment-5	Equipment / Machinery Deployment Schedule
8	Attachment-6	General Declaration
9	Attachment-7	Electronic Fund Transfer (EFT) Form
10	Attachment-8	Details along with copy of PF and ESI Registration, PAN and GST Reg.
11	Attachment-9	Declaration Regarding GST
12	Attachment-10	Technical Compliance (Section-V)
13	Attachment-11	Integrity Pact
14	Attachement-12	Declaration of No Deviation Certificate (<i>GTE</i>)
15	Attachement-13	Declaration of Compliance of Qualifying Requirement (<i>GTE</i>)
16	Attachement-14	Acceptance of Banning Policy(<i>GTE</i>)
17	Attachement-15	Acceptance of Fraud Prevention Policy(<i>GTE</i>)
18	Attachement-16	Acceptance of NTPC Safety Rules and Standard Safety Rules as per Tender Documents (<i>GTE</i>)
19	Attachement-17	Declaration of Local Content(<i>GTE</i>)

1. BID FORMS

BIDFORM

Date:-----

NIT/IFB/TenderEnquiryNo: JPL/C&M/Contracts/NIT/2023/001

Name of Contract Package: “**Annual Maintenance Contract (AMC) for Horticulture Development & Landscaping works at Jhabua Power Limited**”

To

JHABUA POWER LTD.
CIN NO: U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sir,

- 1.0 Having examined the Bidding Documents including subsequent amendments and clarifications, the receipt of which is hereby acknowledged, we the undersigned, submit our bid for the Works under the above-named Contract Package, in full conformity with the said Bidding Documents.
- 2.0 We have understood the instructions and the terms and conditions mentioned in the bidding documents furnished by you and have thoroughly examined the detailed scope of work laid down by you and are fully aware of nature and scope of work required
- 3.0 We hereby confirm our acceptance and compliance to the provisions and terms and conditions contained in the bidding documents.
- 4.0 We declare that the work will be executed strictly in accordance with the requirement.
- 5.0 Our proposal shall remain valid for acceptance for a period of 90 days from the date of opening of the 'Technical & Commercial Proposal' by JPL.
- 6.0 We hereby furnish our 'Bid' comprising the following as per prescribed formats:

Attachment-1A: Bid Security Declaration

(In case if bids from Joint Venture are applicable as per Tender Conditions; Attachment-1B shall be applicable).

Attachment-2: Authority to Sign the Bid

Attachment-3: Bidders Qualification Documents *(As per QR Criteria-If applicable as per Tender Conditions)*

Attachment-4: Sub-Contractors proposed by Bidder *(If applicable as per Tender Conditions)*

- Attachment-5: **Not Applicable**
- Attachment-6: General Declaration
- Attachment-7: Electronic Fund Transfer (EFT) Form
- Attachment-8: Details along with copy of PF and ESI Reg., PAN and GST Reg.
- Attachment-9: Declaration regarding GST
- Attachment-10: Technical Compliance
- Attachment-11: Integrity Pact *(If applicable as per Tender Conditions)*

7.0 Our 'Technical and Commercial Bid' and 'Price Bid' along with EMD are being submitted. Physical submission of required documents as per Tender Conditions are also complied. We hereby confirm that our Technical and Commercial Bid does not contain any Price content entry. Further, we confirm that our Price Bid does not contain any matter in respect of Technical and/or Commercial aspects other than the details specifically sought in the price Bid.

8.0 We are aware that the Schedule of Quantities does not generally give a full description of the work to be performed under each item and we shall be deemed to have read the Technical Specifications, Drawings and other Sections of the Bidding Documents to ascertain the full scope of work included in each item while filling in the rates and amount/prices. We agree that the entered rates and amount/prices shall be deemed to include the full scope as aforesaid, including overheads and profit.

9.0 We declare that as specified in the GCC Tender Documents, prices quoted by us in the Bid Price Schedule/Schedule of Quantities are FIRM.

10.0 We declare that prices left blank in the Bid Price Schedule/Schedule of Quantities will be deemed to have been included in the prices of other items. The total for each Schedule and the total of grand summary shall be deemed to be the total price for executing the subject package in complete accordance with the Contract, whether or not each individual item has been priced.

11.0 We confirm that our Bid Prices include all taxes (Except GST), duties, levies and charges as may be assessed on us, our Sub-Contractor/Sub-Vendor and those imposed on our equipment, materials, supplies and services to be used in the performance of the Contract furnished under the Contract.

12.0 We have read all the provisions of the Bidding Documents and confirm that notwithstanding anything stated elsewhere in our bid to the contrary, the provisions of the Bidding Documents, are acceptable to us and we further confirm that we have not taken any deviation to the provisions of the Bidding Documents anywhere in our bid. We hereby agree that we shall furnish all necessary justification to establish the reasonableness of the rates/prices, if required by you.

Any deviation, variation or additional condition etc. or any mention, contrary to the provisions of

Bidding Documents and its subsequent Amendment(s)/ Clarification(s)/Addenda/Errata (if any) found anywhere in our bid proposal, implicit or explicit shall stand unconditionally withdrawn, without any cost implication whatsoever to the Employer, failing which our bid shall be rejected.

13.0 We undertake, if our bid is accepted, to commence work under the subject package immediately on issue of your Letter of Award/Service Purchase Order and to complete it within the time specified in the SCC.

14.0 We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us, and that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal, in all respects for and in good faith, without collusion or fraud.

Dated this Day of 2022

Thanking you,

Yours faithfully,

(Signature).....
(Name).....
(Designation).....
(Common Seal)

Business Address / Contact Detail:
.....
.....

Note: Bidders may note that no prescribed proforma has been enclosed for:

- (a) Attachment 2 (Authority to Sign the bid) (Legal Documents)
- (b) Attachment 10: Technical details & data sheets, drawings, compliance scope of work etc

ATTACHEMENT NO. 1 (1A & 1B)

BID SECURITY DECLARATION

“BID SECURITY DECLARATION”

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

In accordance with Enq / NIT / IFB under your Bid DocumentNo..... ,
We, M/s.....[*Bidder'sName*]. having our Registered/
Head Office at (hereinafter called the
'Bidder') wish to participate in the said tender for [*Name of Package*]
.....

We confirm that we have read the provisions of the bidding document no.....and
we hereby declare the following:

1. We confirm that, in case we withdraw our offer within the validity period of the offer provided in the bidding documents or any extension thereof, then we shall be treated as ineligible for participation in the future tenders issued from JPL for a period of **06 months** from the date of withdrawal of the bid.
2. In addition, we also confirm that in case after having been issued the Notification of Award/Purchase Order of a package, we either do not accept the Notification of Award/Purchase Order or do not sign the Contract or do not submit an acceptable Performance Security as per bidding documents provision, and which result in tender being annulled then we shall be treated ineligible for participation in re- tendering of this particular package and contractual action may be taken against us as per the provisions of the Bidding documents. Further, JPL shall also be free to take further actions as per the provisions of the policy for Withholding and Banning of Business Dealings.

Date:

Signature

Place:

Name of the Authorized person

BID SECURITY DECLARATION (IN CASE OF BID FROM JOINT VENTURE: If applicable) ACCORDANCE WITH SCC

BIDDER REQUIRES TO ATTACH THE SAME AS ATTACHMENT-1B (If applicable as per

Tender Conditions)

“BID SECURITY DECLARATION”
(IN CASE OF BID FROM JOINT VENTURE)

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

In accordance with Invitation for Bids under your Bid Document No., M/s.....[*PartnerName*]..... having its Registered/Head Office at.....and M/s.....[*Other Partner's Name*]..... having its Registered/Head Office at (hereinafter collectively called the 'Bidder') wish to participate in the said bid for [*Name of Package*]

We confirm that we have read the provisions of the bidding document no. and we hereby declare the following:

1. We confirm that, in case we withdraw our offer within the validity period of the offer provided in the bidding documents or any extension thereof, then we shall be treated as ineligible for participation in the future tenders issued from JPL for a period of **06 months** from the date of withdrawal of the bid.
2. In addition, we also confirm that in case after having been issued the Notification of Award/Purchase Order of a package, we either do not accept the Notification of Award/Purchase Order or do not sign the Contract or do not submit an acceptable Performance Security as per bidding documents provision, and which result in tender being annulled then we shall be treated ineligible for participation in re-tendering of this particular package and contractual action may be taken against us as per the provisions of the Bidding documents. Further, JPL shall also be free to take further actions as per the provisions of the policy for Withholding and Banning of Business Dealings.

Date:

Place:

Signature and Name of the Authorized person of each Partner of Joint Venture

**DOCUMENTS RELATED TO
AUTHORITY TO SIGN THE BID**

BIDDER REQUIRES TO ATTACH THE SAME AS ATTACHMENT-3

(To be sent in Fee/Pre-Qual/Technical Cover envelope)

BIDDER MAY TAKE NOTE OF THE FOLLOWING POINTS WHILE SUBMITTING ITS BID

1. POWER OF ATTORNEY DULY NOTARIZED BY A NOTARY PUBLIC INDICATING THAT THE PERSON (S) SIGNING THE BID HAS/HAVE THE AUTHORITY TO SIGN THE BID AND THE BID IS BINDING UPON THE BIDDER DURING THE FULL PERIOD OF ITS VALIDITY BACKED BY A COPY OF BOARD RESOLUTION / OTHER RELEVANT DOCUMENT TO DEMONSTRATE THE AUTHORITY OF THE PERSON ISSUING THE POWER OF ATTORNEY. TO BE FURNISHED ALONG WITH THE BID.

2. POWER OF ATTORNEY TO THE AUTHORIZED SIGNATORY OF THE BIDDER FOR SIGNING OF BID AND JDU/JV AGREEMENT ETC., WHEREVER APPLICABLE, TO BE SUBMITTED ALONG WITH BID AND SHOULD BE DATED NOT LATER THAN THE DATE OF SIGNING THE BID.

BIDDER TO ENSURE THAT BID SECURITY / INTEGRITY PACT TO BE SUBMITTED IN ORIGINAL STRICTLY AS PER SPECIFIED FORMATS DULY SIGNED IN ORIGINAL BY AUTHORIZED SIGNATORY AND STAMPED

BIDDER'S QUALIFICATION

(As per QR Criteria mentioned in Enq / NIT / IFB)

BIDDER’S QUALIFICATION (SIMILAR WORKS) IN LINE WITH QUALIFYING CRITERIA
(To be sent in Fee/Pre-Qual/Technical Cover envelope)

To,
JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

In order to fulfil the Qualifying Requirements stipulated at Enq / NIT / IFB we, the bidder, declare that we have executed the following work of.....as per details given below: (strike out which ever not applicable)

SL. No.	Name of Work(s) / Contract(s) to be considered	Name and Address of Client /Owner	Ref. No. LOA / PO / WO & Award Date	Date of Completion of work		Executed Value (As per QR Criteria)	Completion Certificate (Ref. / Date)	Remarks
				As per Contract	Actual			
1	2	3	4	5	6	7	8	9

Notes:

- i) Certificate from owner M/s..... is enclosed at Annexure.....
- ii) Copy of Award Letter / Work Order / Purchase Order issued by Client enclosed at Annexure.....
- iii) Documentary evidences in support of above details enclosed at Annexure.....
- iv) Please enclose the details work-out in a separate sheet indicating the item and the cumulative value considered to meet the QR
- v) Enq / NIT / IFB shall be referred regarding Number of Similar Work(s) to be submitted
- vi) Bidders to attached additional sheet of same format as required.

**(Details pertaining to Financial Criteria of Qualification
Requirement as per the Enq / NIT / IFB)**

(To be sent in Fee/Pre-Qual/Technical Cover envelope)

Bidder's Name and Address: To

**JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997**

1. To satisfy the requirements specified in Enq / NIT / IFB, We give below the following details:

1. In terms Enq / NIT / IFB, we confirm that our Average Annual Turnover during the preceding Three Financial Years as on date of Techno-Commercial Bid Opening is not less than

In support of above, we are enclosing Audited Financial Statements.

Sl.No	Financial Year	Amount in Rs.
1.		
2.		
3.		
4.	Average Annual Turnover for the preceding three (3) Financial Years as on date of Techno- Commercial Bid Opening.	
5.	We have enclosed Audited Financial Statements for the last 3 financial years at	Annexure to Attachment-3B
6.	<p>Since we are not able to furnish our audited financial statements, on standalone entity basis, we are submitting the following documents for substantiation of our Qualification:</p> <p>*Copies of unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of our Holding Company for the last 3 years enclosed at Annexure to this Attachment 3B.</p> <p>*Certificate from the CEO/CFO of the Holding</p>	

	Company stating that the unaudited unconsolidated financial statements form part of the consolidated Financial Statements of the Holding Company, is Enclosed enclosed as per the format at Appendix-A to this Attachment-3B.	
7.	Audited results for the last financial year as on the date of Techno-Commercial bid opening enclosed	YES */NO*
	In case not enclosed, financial results certified by a practicing chartered accountant enclosed	YES */NO* Enclosed at Annexure
	In case financial results certified by a practicing chartered accountant not enclosed, then Audited financial statements for FY also enclosed.	YES */NO* Enclosed at Annexure
	Further, a Certificate from the CEO/CFO of the Bidder stating that the Financial results of company are under audit as on the date of Techno- Commercial Bid Opening and the certificate from the practicing chartered accountant certifying the financial parameters is not available, is enclosed Annexure as per the format at Appendix-B to this Attachment-3B.	

2. Since we do not satisfy the Financial Criteria stipulated at Enq / NIT / IFB, on our Own, we give below the following details of our **Holding Company**:

- i. Name and Address of the Holding Company:
- ii. Turnover of the Holding Company with following details:

Sl.No	Financial Year	Amount in INR
a)		
b)		
c)		
d)	Average Annual Turnover for the preceding three (3) Financial Years as on date of Techno-Commercial Bid Opening.	
e)	We have enclosed audited Financial Statements for the preceding three (3) Financial years	Annexure to Attachment-3B

Sl. No	Description	As on last day of the Preceding financial year
iii.	Paid-up Share Capital of the Holding Company	
iv.	Net Worth of the Holding Company	
v.	%age of Net worth to Paid-up Share Capital of the Holding Company	
vi.	A Letter of Undertaking from the Holding Company, supported by Board Resolution of the Holding Company, pledging unconditional and irrevocable financial support for execution of the contract by the bidder in case of award is enclosed as per the format at Appendix- B to this Attachment-3B. A power of attorney of the person signing on behalf of holding company is also enclosed at Annexure to this Attachment-3B.	
vii.	Documentary evidence like Annual Report/Audited financial statements together with relevant schedules for the preceding financial year/ certification of financial statements from a practicing Chartered Accountant etc. in respect of holding company in support of above is enclosed at Annexure to this Attachment-3B.	
viii.	Audited results for the last financial year as on the date of Techno-Commercial bid opening enclosed	YES <input type="checkbox"/> */NO* <input type="checkbox"/>
	In case not enclosed, financial results certified by a practicing chartered accountant enclosed	YES <input type="checkbox"/> */NO* <input type="checkbox"/> Enclosed at Annexure
	In case financial results certified by a practicing chartered accountant not enclosed, then Audited financial statements for FY ----- also enclosed.	YES <input type="checkbox"/> */NO* <input type="checkbox"/> Enclosed at Annexure

Further, a Certificate from the CEO/CFO of the Holding Company stating that the Financial results of company are under audit as on the date of Techno-Commercial Bid Opening and the certificate from the practicing chartered accountant certifying the financial parameters is not available, is enclosed Annexure as per the format at Appendix-B to this Attachment-3B.

Date : (Signature).....

Place : (Printed Name of Authorised person
having Power of attorney.....

(Designation).....

(Company seal).....

**(Details pertaining to Financial Qualification of the bidder
as per the Enq / NIT / IFB)**

Dear Sirs,

1. To satisfy the requirements specified in Enq / NIT / IFB, We give below the following details:

1. We hereby confirm that **Net Worth** of our company as on the last day of the preceding financial year is not less than 100% of its paid-up share capital.

The Details are as under:

Sl. No	Description	As on last day of the preceding financial year
1.	Paid-up Share Capital	
2.	Net Worth	
3.	% age of Net worth to Paid-up Share Capital	
4.	Documentary evidence like Audited financial statements for the preceding financial year* in support of above is enclosed at Annexure to this Attachment-3B.	
5.	Since we are not able to furnish our audited financial statements, on standalone entity basis, we are submitting the following documents for substantiation of our Qualification: (i) Copies of unaudited unconsolidated financial statements of the bidder along with copies of the audited consolidated financial statements of our Holding Company for the last 3 years enclosed at Annexure to this Attachment-3B. (ii) Certificate from the CEO/CFO of the Holding company stating that the unaudited unconsolidated financial statements form part of the consolidated Financial Statements of the Holding Company, is	

	enclosed as per the format at Appendix-A to this Attachment-3B.	Enclosed at Annexure
6.	<p>Audited results for the last financial year as on the date of Techno-Commercial bid opening enclosed</p> <p>In case not enclosed, financial results certified by a practicing chartered accountant enclosed</p> <p>In case financial results certified by a practicing chartered accountant not enclosed, then Audited financial statements for FY also enclosed.</p> <p>Further, a Certificate from the CEO/CFO of the Bidder stating that the Financial results of company are under audit as on the date of Techno-Commercial Bid Opening and the certificate from the practicing chartered accountant certifying the financial is not available, is enclosed Annexure as per the format at Appendix-C to this Attachment-3B.</p>	<p>YES <input type="checkbox"/> */NO* <input type="checkbox"/></p> <p>YES <input type="checkbox"/> */NO* <input type="checkbox"/></p> <p>Enclosed at Annexure</p> <p>YES <input type="checkbox"/> */NO* <input type="checkbox"/></p> <p>Enclosed at Annexure</p>

2. Since we do not satisfy the Financial Criteria stipulated at Enq / NIT / IFB, on our Own, we give below the following details of our **Holding Company**:

Sl. No	Description	As on last day of the preceding financial year
i.	Name and Address of the Holding Company:	
ii.	Paid-up Share Capital of the Holding Company	
iii.	Net Worth of the Holding Company	
iv.	%age of Net worth to Paid-up Share Capital of the Holding Company	
v.	We have enclosed audited Financial Statements for the preceding three (3) financial years	<p>YES <input type="checkbox"/> */NO* <input type="checkbox"/></p> <p>Enclosed at Annexure</p>

Sl. No	Description	As on last day of the preceding financial year
---------------	--------------------	---

- | | | |
|-----|---|---|
| vi. | Audited results for the last financial year as on the date of Techno-Commercial bid opening enclosed | YES <input type="checkbox"/> */NO* <input type="checkbox"/> |
| | In case not enclosed, financial results certified by a practicing chartered accountant enclosed | YES <input type="checkbox"/> */NO* <input type="checkbox"/>
Enclosed at Annexure |
| | In case financial results certified by a practicing chartered accountant not enclosed, then Audited financial statements for FY also enclosed. Further, a Certificate from the CEO/CFO of the Holding Company stating that the Financial results of company are under audit as on the date of Techno-Commercial Bid Opening and the certificate from the practicing chartered accountant certifying the financial is not available, is enclosed Annexure as per the format at Appendix-B to this Attachment-3B. | YES <input type="checkbox"/> */NO* <input type="checkbox"/>
Enclosed at Annexure |

3. Since we do not satisfy the Financial Criteria stipulated at Enq / NIT / IFB, on our Own, we give below the following details of our subsidiary or subsidiaries of **Holding Company**:

Sl. No	Description	As on last day of the preceding financial year
---------------	--------------------	---

- | | | |
|------|---|--|
| i. | Name and Address of our subsidiary or subsidiary(ies) of Holding Company: | |
| ii. | Paid-up Share Capital | |
| iii. | Net Worth | |
| iv. | % age of Net worth to Paid-up Share Capital | |
| v. | We have enclosed audited Financial Statements for the preceding three (3) Financial years | |

Sl. No	Description	As on last day of the preceding financial year
vi.	Audited results for the last financial year as on the date of Techno-Commercial bid opening enclosed	YES <input type="checkbox"/> */NO* <input type="checkbox"/>
	In case not enclosed, financial results certified by a practicing chartered accountant enclosed	YES <input type="checkbox"/> */NO* <input type="checkbox"/> Enclosed at Annexure
	In case financial results certified by a practicing chartered accountant not enclosed, then Audited financial statements for FY also enclosed. Further, a Certificate from the CEO/CFO of subsidiaries of the Holding Company stating that the Financial results of company are under audit as on the date of Techno-Commercial Bid Opening and the certificate from the practicing chartered accountant certifying the financial is not available, is enclosed Annexure as per the format at Appendix-B to this Attachment-3B.	YES <input type="checkbox"/> */NO* <input type="checkbox"/> Enclosed at Annexure

We further confirm that notwithstanding anything stated above, the Employer reserves the right to undertake- a physical assessment of the capacity and capabilities including financial capacity and capability of the Bidder / his Collaborator(s) / Associate(s) / Subsidiary(ies) / Group Company(ies) to perform the Contract, should the circumstances warrant such assessment in the overall interest of the Employer in accordance with ITB Clause.

4. Networth means the sum total of the paid up share capital and free reserve. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
5. Other income shall not be considered for arriving at annual turnover.
6. "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India.

Date : (Signature).....

Place : (Printed Name of Authorised person having Power of attorney).....

(Designation).....

(Company seal).....

PROFORMA OF CERTIFICATE FROM THE CEO/CFO OF THE HOLDING COMPANY IN ACCORDANCE WITH BDS

(To be submitted by Bidder alongwith the Techno-Commercial Bid)

Ref. :

Date :

Bidder's Name and Address:

To

**JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997**

Dear Sirs,

- 1.0** I, Mr.....(CEO of the Company/CFO of the Company)* declare that M/s (Name of the Holding Company) is the Holding Company of M/s..... (Name of the Bidder).
- 2.0** I hereby confirm and undertake that the unaudited unconsolidated financial statements submitted in respect of the bidder as part of the bid reference no.....dated.....have been considered for the purposes of the finalisation of Consolidated Financial Statements of the Holding Company as part of the Annual Reports.
- 3.0** I further, certify that the figures in the unaudited unconsolidated financial statements are true and correct and same have been duly reflected in the audited consolidated financial statements and / or Annual Report of the Holding Company.

Yours

faithfully

(Signature)

Date : (Name & Designation).....

Place : (Name of the Holding Company)

(Seal of Holding Company)

Note : *Strike off whichever is not applicable.

PROFORMA OF LETTER OF UNDERTAKING

(TO BE FURNISHED ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

(To be executed by the Holding Company Supported by Board Resolution and submitted by the Bidder alongwith the Techno-Commercial Bid, Applicable to the Bidder for meeting the stipulated Financial Qualifying Requirement as per Enq / NIT / IFB)

Ref. :

Date :

Bidder's Name and Address:

To

**JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997**

Dear Sirs,

1.0 We, M/s..... declare that we are the holding company of M/s (Name of the Bidder) and have controlling interest therein.

M/s.....(NameoftheBidder)proposestosubmitthebidforthe package(Name of thepackage) for (Name of the Project) under bid reference no. dated and have sought financial strength and support from us for meeting the stipulated Financial Qualifying Requirement asper Clause of Enq / NIT / IFB.

- 2.0 We hereby undertake that we hereby pledge our unconditional & irrevocable financial support for the execution of the said package to M/s (NameoftheBidder),incasetheyareawardedtheContractforthesaidpackage,attheendofthebiddingprocess. We further agree that this undertaking shall be without prejudice to the various liabilities that M/s (Nameof Bidder) would be required to undertake in terms of the Contract including the Performance Security as well as other obligations of the Bidder/Contractor.
- 3.0 This undertaking is irrevocable and unconditional, and shall remain in force till the successful execution and performance of the entire contract and/or till it is discharged by Employer.
- 4.0 We are herewith enclosing a copy of the Board Resolution in support of this undertaking.

Yours faithfully

(Signature of Authorised Signatory on behalf of the Holding Company)

(Name & Designation).....

(Name of the Holding Company).....

(Seal of the Holding Company).....

Witness :

(1)

(2)

Date:

Place:

NIT/IFB/Tender Enquiry No
(SUB-CONTRACTORS)

Bidder's Name & Address

To,

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

The following details in respect of each Sub-Contractor proposed by us in our bid are annexed to this Attachment.

1. Name of the Sub-Contractor and the broad scope of work proposed to be sub-contracted to him.
2. The following details of the Sub-Contractor:
 - (i) Similar work executed in Industrial/Infrastructure projects in the last seven (7) years including achievements.
 - (ii) List of plant & equipment proposed for deployment indicating whether the plant of equipment are lying idle and/or will be diverted from other works indicating likely date of release by client.
 - (iii) Technical manpower available for deployment.
 - (iv) Financial status for last three(3) years.
 - (v) Letter of confirmation from the Sub-Contractor, signifying his confirmation to execute the Work.

Date:

Signature.....

Place:

Name of Authorised person having Power of attorney.....

Designation.....

Common Seal.....

Note : 1. The Bidder shall furnish the above details for each of the agencies/sub-contractors separately as per Clause No. of SCC.

**NIT/IFB/ Tender Enquiry No
(EQUIPMENT/ MACHINERY DEPLOYMENT SCHEDULE)**

Bidder's Name & Address:

To,

**JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997**

Sl. No.	Equipment Type/Capacity	Min. Nos required as indicated in Technical Specification	No. proposed to be deployed	No. already available for immediate deployment	Period by which balance eqpt. will be deployed	Place from where balance eqpt. will be brought	Number intended to be purchased	Period by which New T&P can be deployed	Quantum of work that can be achieved during peak period/shift
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1.									
2.									
3.									
4.									

- 1.
- 2.
- 3.
- 4.

Note : Further information for equipment (if any)

The above list of equipment & machinery is a minimum requirement. However, we shall deploy any other equipment & Machinery which may be required as per the direction of Engineer-in-charge to execute the work satisfactorily and as per time schedule stipulated in the bar chart.

Date :

(Signature).....

Place :

(Name)
(Designation).....

(GENERAL DECLARATION BY BIDDER)

To,

**JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997**

Dear Sirs,

We hereby confirm that :

1. We have carefully read General Conditions of Contract, Special Conditions of Contract, Technical Specification and Bid Drawings (including amendments/ errata) and Schedule of Items and all other Bidding documents.
2. Our technical team/technically competent officer visited the site to apprise our selves about availability of construction materials, unskilled labour, access to site and other infrastructure/enabling facilities (including availability of water/power) needed for the execution of the contract.

Date:
Place:

Signature.....
Name of Authorised person having Power of attorney
.....
Designation.....
Common Seal.....

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

F) 9 DIGIT MICR CODE OF THE BANK BRANCH (ENCLOSE COPY OF A CANCELLED CHEQUE)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

G) 11 DIGIT IFSC CODE OF THE BANK

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

H) BANK ACCOUNT NUMBER

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

I) BANK ACCOUNT TYPE (TICK ONE)

SAVING	CURRENT	LOAN	CASH CREDIT	OTHERS
--------	---------	------	-------------	--------

IF OTHERS, SPECIFY

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

5. PERMANENT ACCOUNT NUMBER (PAN)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

6. E-MAIL Address for Intimation regarding release of payments

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not affected at all for reasons of incomplete or incorrect information, I/We would not hold the Company responsible

SIGNATURE

DATE

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(AUTHORISED SIGNATORY)

Name:

OFFICIAL STAMP

BANK CERTIFICATION:

It is certified that above mentioned beneficiary holds a bank account no..... with our branch and the Bank particulars mentioned above are correct.

DATE

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SIGNATURE

(AUTHORISED SIGNATORY)

Authorisation no.:

Name:

OFFICIAL STAMP

Encl: Cancelled cheque.

DETAILS OF PF, ESI, PAN and GST REGN.

To,

JHABUA POWER LTD.
 CIN NO : U40105WB1995PLC068616
 (A Joint Venture of NTPC)
 Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
 Distt: Seoni (M.P.)
 PIN: 480997

Dear Sir,

The details of our registration are as under:

(a) PF no. (If asked for in the tender)

The PF no. allotted by concerned RPFC under EPF scheme 1952 is as under:

PF Number	
------------------	--

Note: Copy of PF registration certificate issued by the concerned RPFC duly attested by the bidder under his seal and signature to be submitted.

(b) ESI registration number, if applicable (If asked for in the tender)

Our ESI registration number to cover our employees under the ESI Act:

ESI Registration Number	
--------------------------------	--

Note: Copy of ESI registration duly attested by the bidder under his seal and signature to be submitted.

(c) PAN number

Our PAN number is as under:

Permanent Account Number	
---------------------------------	--

Note: Copy of card indicating PAN number duly attested by the bidder under his seal and signature to be submitted.

(d) GST number, if applicable (If asked for in the tender):Our **GST Reg. No.** is

GSTIN (Location....)	
GSTIN (Location....)	
GSTIN (Location....)	

Note : Copy of registration with up to amendment to be enclosed.

Date : (Signature).....

Place : (Name)

(Designation).....

(Company Seal)

ATTACHMENT - 9

DECLARATION REGARDING GST

(Kindly Send the declaration on your company's letterhead duly sealed n signed)

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Declaration regarding GST :

Please submit the GST% in BOQ sheet (Price Schedule / Price Bid) only along with rates.

Except information about GST in BOQ Sheet (Price Schedule / Price Bid); Bidder may provide other GST Information like GST Scheme he opted, TDS / Reverse Charge Mechanism (RCM) or others which are considerable to process Bid and to GST obligation.

Date.....

Signature

Place.....

Name.....

Designation.....

Company Seal.....

TECHNICAL DETAILS, DATA SHEETS, DRAWINGS, COMPLIANCE TO SCOPE OF WORK etc.
(As per Tender Conditions and Section-V)

(To be Send with Technical Cover envelope)

(INTEGRITY PACT)

(To be submitted in original in separate sealed envelope alongwith the Bid)

Between

..... (hereinafter referred to as “The Employer”)

and

..... (hereinafter referred to as “The Bidder/Contractor “)

Preamble

The Employer invites the bids from all eligible bidders and intends to enter into contract for **Construction of balance 1.5 Km plant Boundary wall at 1X600 MW Jhabua Power Limited, Seoni, MP.** with the successful bidder(s), as per organizational systems and procedures. The Employer values full compliance with all relevant laws and regulations, and the principles of economical use of resources, and of fairness and transparency in its relations with its Bidder(s) and/or Contractor(s).

Inordertoachievethegoals,theEmployerwillappointanIndependentExternalMonitor(IEM), who will monitor the bidding process and the execution of the contract for compliance with the principles mentioned above.

Section 1 Commitments of the Employer

1. The Employer Commits itself to take all measures necessary to prevent corruption and to observe the following principles in this regard:
 - a) No employee of the Employer, either in person or through family members including relatives, will in connection with the bidding for or the execution of a contract, demand or accept a promise for or accept for him/herself or for a third person,anymaterialorimmaterialbenefittowhichhe/sheisnotlegallyentitledto.

- b) The Employer shall, during the bidding process treat all Bidders with equity and reason. The Employer will, in particular, before and during the bidding process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the bidding process or the contract execution.
 - c) The Employer will exclude from the process all known prejudiced persons.
2. If the Employer obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act or if there be a substantivesuspicion in this regard, the Employer will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 Commitments and Undertakings by the Bidder/Contractor

- 1 The Bidder/Contractor commits and undertake to take all measures necessary to prevent malpractices & corruption. He commits himself to observe the following principles during his participation in the bidding process and during the execution of the contract:
- a) The Bidder/ Contractor undertakes not to, directly or through any other person or firm offer, promise or give or influence to any employee of the Employer associated with the bidding process or the execution of the contract or to any third person on their behalf any material or immaterial benefit which he/she is not legally entitled, in order to obtain in exchange any advantage of any kind whatsoever during the bidding process or during the execution of the contract.
 - b) The Bidder/ Contractor undertake not to enter into any undisclosed agreement or understanding, whether formal or informal with other Bidders. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other action to restrict competitiveness or to introduce cartelization in the bidding process.
 - c) The Bidder/Contractor undertakes not to commit any offence under the relevant Anti-corruption Laws of India; further the Bidder/Contractor will not use improperly, any information or document provided by the Employer as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically for purposes of competition or personal gain and will not pass the information so acquired on to others.

- d) The Bidder/ Contractor will, when presenting his bid undertakes, to disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2 The Bidder/ Contractor will not instigate and allure third persons/parties to commit offences outlined above or be an accessory to such offences.

Section 3 Disqualification from Bidding Process and Exclusion from Future Contracts

1. If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of any provisions of Section-2 or in any other forms so as to put his reliability or credibility as Bidder into question, the Employer shall be entitled to disqualify the Bidder(s)/ Contractor(s) from the bidding process or to terminate the contract, if signed on that ground.
2. If the Bidder/ Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Employer shall be entitled to exclude including blacklist and put on holiday the Bidder/ Contractor for any future tenders/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Employer taking into consideration the full facts and circumstances of each case particularly taking into account the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 3 years.
3. A transgression is considered to have occurred if the Employer after due consideration of the available evidence concludes that no reasonable doubt is possible.
4. The Bidder with its free consent and without any influence agrees and undertakes to respect and uphold the Employer's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
5. Subject to full satisfaction of the Employer, the exclusion of Bidder/ Contractor could be revoked by the Employer if the Bidder/ Contractor can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption prevention system in his organization.

Section 4 Compensation for Damages including Forfeiture of Earnest Money Deposit/ Security Deposit/ Performance & Advance Bank Guarantees

1. If the Employer has disqualified the Bidder/ Contractor from the bidding process or has terminated the contract pursuant to Section 3, the Employer shall forfeit the Earnest Money Deposit/Bid Security, encash Contract Performance Bank Guarantees in addition to excluding the bidder from the future award process and terminating the contract.
2. In addition to 1 above, the Employer shall be entitled to take recourse to the relevant provisions of the contract related to Termination of Contract due to Contractor's Default.

Section 5 Previous Transgressions

- 1 The Bidders swear on oath that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country conforming to TI approach or including with any Public Sector Enterprise/ Undertaking in India or any Government Department in India that could justify bidder's exclusion from the tender process.
- 2 If the Bidder makes incorrect statement on this subject, Bidder can be disqualified from the bidding process or the contract, if already awarded, can be terminated on this ground.

Section 6 Company Code of Conduct

Bidders are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behaviour) and a compliance program for the implementation of the code of conduct throughout the company.

Section 7 Independent External Monitors

- 1 The Employer will appoint competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2 The monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He shall report to Chairman/CMD of the Employer or a person authorized by him.

- 3 The Bidder/Contractor accepts that the Monitor has the right to access without restriction to all project documentations of the Employer including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest,unrestrictedandunconditionalaccesstothisProjectDocumentations.Thesame is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Sub-Contractors/JV partners/Consortium member withconfidentiality.
- 4 The Employer will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Employer and the Contractor. The parties offer to the Monitor the option to participate in suchmeetings.
- 5 AssoonastheMonitornotices,orbelievestonotice,aviolationofthisagreement,hewill so inform the Management of the Employer (Chairman/CMD of the Employer or a person authorizedbyhim)andrequesttodiscontinueortotakecorrectiveaction,ortotakeother relevant action. The Monitor can in this regard submit non-binding recommendations. Beyondthis,theMonitorhasnorighttodemandfromthepartiesthattheyactinaspecific manner, refrain from action or tolerate action. However, Independent External Monitor shall give an opportunity to the Bidder/contractor to present its case before making its recommendations to theEmployer.
- 6 The Monitor will submit a written report to Chairman/CMD of the Employer or a person authorizedbyhimwithin8-10weeksfromthedateofreferenceor intimation tohimbythe Employer and, should the occasion arise, submit proposals for correcting problematic situations.
- 7 TheMonitorshallbeentitledtocompensationonthesametermsasbeingextendedto/provided to Independent Directors of JPL Board.
- 8 If the Monitor has reported to Chairman/CMD of the Employer or a person authorized by him a substantiated suspicion of an offence under relevant IPC/PC Act, and he has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government ofIndia.
- 9 The word "Monitor" will include Singular orPlural.

Section 8 Pact Duration

This Pact comes into force from the date of signing by all the parties. It shall expire for the Contractor 12 months after the last payment under the respective contract, and for all other unsuccessful bidders 6 months after the contract has been awarded.

Section 9 Miscellaneous Provisions

- 1 This Pact is subject to Indian Law. The place of performance and jurisdiction shall be New Delhi.
- 2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 3. The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.
- 4. If the Contractor is a JV partnership/Consortium/Associate, this agreement must be signed by all the partners of JV/Consortium Partners/Associate as the case may be.

The Parties hereby sign this Integrity Pact aton thisday of..... 20....

Employer

Bidder/Contractor

Witness

Witness

1. _____

1. _____

2. _____

2. _____

- Note:
- 1. The each page of Integrity Pact is to be signed and witnessed by the Signatory who has signed the bid and the same is to be submitted in a separate sealed envelope along with bid.
 - 2. The word 'Employer' should be read as per SCC.

DECLARATION OF NO DEVIATION CERTIFICATE

(To be accepted online under GTE and Scan to be uploaded in Fee/Pre-Qual/Technical Cover)

Bidder's Name and Address:

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

With reference to our Bid Proposal No.....datedfor.....
.....against Bidding.....we hereby confirm that we have read the provisions of bidding documents along with its subsequent Amendment(s) / Clarification(s) / Addenda/Errata for subject package and further confirm that notwithstanding anything stated anywhere to the contrary, the stipulation of bidding documents are acceptable to us and we have not taken any deviation to the provisions of bidding documents.

We further confirm that any deviation/ variation / additional conditions to the provisions of Bidding Documents and its subsequent Amendment(s)/Clarification(s)/Addenda / Errata found anywhere in our Techno-Commercial Proposal and Price Proposal, implicit or explicit, save those pertaining to rebates offered, shall stand unconditionally withdrawn, without any implication whatsoever to Employer, failing which the Bid shall be rejected.

(Signature)

Date :

(Printed Name).....

Place :

(Designation).....

**DECLARATION OF COMPLIANCE OF QUALIFYING
REQUIREMENT**

Bidder's Name and Address:

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

With reference to our Bid Proposal No.....dated..... for..... against Bidding we hereby confirm that:

- a. The number of reference Plants/Orders quoted by Bidder in Attachment- 3 of the bid, for establishing compliance to the specified Qualifying Requirement (QR), are in accordance with the provision specified above.
- b. The reference Plants/ Orders/ declared, shall only be considered for evaluation/ establishing compliance to Qualifying Requirement (QR). Any reference Orders declared more than as specified above shall not be considered for evaluation/establishing compliance to Qualifying Requirements.
- c. No change or substitution in respect of reference Plants/Orders for meeting the specified Qualifying Requirement (QR) shall be offered by the bidder.

(Signature)

Date :

(Printed Name).....

Place :

(Designation).....

(ACCEPTANCE OF BANNING POLICY)

Bidder's Name and Address: To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs

1. WehavereadthecontentsoftheBanningPolicyofNTPC(displayedonitstenderwebsite <http://www.ntpctender.com>) attached with this Bidding Document and agree to abide by this policy. Further, in terms of requirement under Banning Policy we hereby declare the following:

- WehavenotbeenBanned/BlacklistedasondateofsubmissionofbidbyMinistry of Power or Government ofIndia.
- We have not employed any public servant dismissed / removed or person convicted for an offence involving corruption or abetment of suchoffences
- Our Director(s)/Owner(s)/Proprietor/Partner(s) have not been convicted by any court of law for offences involving corrupt and fraudulent practices includingmoral turpitude in relation to business dealings with Government of India or JPL / NTPC or NTPC's group companies during the last fiveyears.

2. We further declare asunder:

that if at any point subsequent to award of Contract, the declarations given above are found to be incorrect, JPL shall have the full right to terminate the contract and take any action as per applicable laws for breach of contract including forfeiture of Bid Security / Performance Bank Guarantee.

(Signature)

Date :

Name of AuthorisedPerson

Place :

Designation

(ACCEPTANCE OF FRAUD PREVENTION POLICY)

Bidder's Name and Address: To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

We have read the contents of the Fraud Prevention Policy of NTPC displayed on its tender website <http://www.ntpctender.com> and undertake that we along with our associate/collaborator/subcontractors/subvendors/consultants/service providers shall strictly abide by the provisions of the said Fraud Prevention Policy of NTPC.

(Signature)

Date :

Name of Authorised Person

Place :

Designation

(ACCEPTANCE OF NTPC SAFETY RULES / STANDARD SAFETY RULES)

Bidder's Name and Address:

To

JHABUA POWER LTD.
CIN NO : U40105WB1995PLC068616
(A Joint Venture of NTPC)
Jhabua Power Ltd , P.O-Barela, Tehsil: Ghansore
Distt: Seoni (M.P.)
PIN: 480997

Dear Sirs,

We have read the contents of the NTPC Safety Rules displayed on its tender website <http://www.ntpctender.com> & Standard Safety Rules as per Tender Documents and undertake that we along with our associate/ collaborator/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly abide by the provisions of these Safety Rules.

(Signature)

Date :

Name of Authorised Person

Place :

Designation

DECLARATION OF LOCAL CONTENT

Dear Sirs,

We have read the provisions of "Preference to Make In India and granting of purchase preference to local suppliers" enclosed with the Bid Data Sheets. In terms of the requirement of the aforesaid provisions, we hereby declare the following:

1.0 In order to avail purchase preference, we confirm that we are a Local Supplier, and the local content included in the package is% of our total bid price for complete scope of work for Transportation of Coal under RCR Mode as per details given below

Sl. No.	Description of Goods & Services	Quantity/ Weight	Value of Local Goods & Services	% of Total bid Price	Details of the location(s) at which the local value addition is made

A certificate from the statutory auditor or cost auditor (in the case the bidder is a company) or from a practicing cost accountant or practicing chartered accountant (in respect of bidders other than companies) giving the percentage of local content has been placed at Annexure-1 to this Attachment

2.0 Further, we hereby confirm the following:

Whether the bidder is presently debarred / banned by any other procuring entity for violation of 'Public Procurement (Preference to Make In India), Order 2017' (PPP-MII Order) dated 15.06.2017 issued by Department of Industrial Policy and Promotion (DIPP)	YES/NO

*** Strike off, whichever is not applicable**

3.0 We agree to furnish any information as a proof of the above to your satisfaction as and when required.

Note : 1) Continuation sheets of like size and format, may be used as per Bidder's requirement and shall be annexed to this Attachment.

2) Certificate pertaining to percentage of local content from statutory auditor or cost auditor / practicing chartered accountant or cost accountant is to be furnished in cases where the total bid price is more than INR 10 Crores.

(Signature)

.....

Date :

Name of Authorised Person

Place :

Designation