

GUJARAT INDUSTRIES POWER COMPANY LIMITED

<u>(Surat Lignite Power Plant)</u> AT & POST NANI NAROLI, TALUKA: MANGROL, DIST: SURAT, PIN 394110 (GUJARAT) Phone Nos.: EPABX (02629) 261063 to 261072, fax Nos.: (02629) 261112, 261080

TENDER DOCUMENTS FOR;

Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: Bi-Annual Maintenance Contract for the maintenance of 4 x 125 MW CFBC Units Boiler & Auxiliaries for a period of two years at SLPP (2017-19).

Bid No.: SLPP/MECH/BMC/2017-19



INSTRUCTIONS TO BIDDERS & CONDITIONS OF CONTRACT



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NOTE: All the Bidders should study entire Tender documents carefully & may carry out Plant visit before quoting & submitting their online Bid to understand scope of work and its importance.



NOTICE INVITING TENDER (NIT) TENDER NO.: SLPP/MECH/AMC/2016-18

Name of work	Surat Lignite Power Plant - 4X125 MW, Unit # I to IV:	
	Annual Maintenance Contract for the maintenance of 4 x 125 MW CFBC Units Boiler & Auxiliaries for a period of two years at SLPP (2017-19).	
Place of work	Surat Lignite Power Plant, Village: Nani Naroli, Taluka: Mangrol, Dist.: Surat - 394110 (Gujarat).	
Quantity	The successful Bidder will be awarded this contract involving total quantities of various items as mentioned against item descriptions in BOQs.	
Contract period	02 year.	
EMD	Rs. 8,00,000/- (Rupees Eight Lakh only) by Demand Draft payable at Mosali-Surat/Nani Naroli/Surat or Bank Guarantee in favor of GIPCL from approved Banks mentioned in this tender in subsequent clauses.	
Tender fee	Rs. 3,000/- (Rupees Three Thousand only) by Demand Draft in favor of GIPCL payable at Motamiya-Mangrol or Nani Naroli.	
Pre Bid meeting	On 15.12.2016, 11:00 hrs. at office of GIPCL-Surat Lignite Power Plant, Village: Nani Naroli, Ta. Mangrol, Dist. Surat.	
Availability of online e-Tender document	On website: http://gipcl.com & https://gipcl.nprocure.com	
Last date of online submission of offer	30.12.2016 up to 17:00 hrs. on website: https://gipcl.nprocure.com	
Submission of EMD, Tender fee and other supporting documents for technical Bid in physical form.	e ,	

NOTES:

- 1. Amendment / corrigendum of the tender document, forms, schedules, etc... may be done any time by the GIPCL during the period of publication of tender in the website. The Bidders are required to visit the website regularly till the last date & time of Bid submission.
- 2. GIPCL reserves the right to reject any or all the tenders or split the work among the Bidders without assigning any reason thereof.
- 3. The Bidders are required to quote the rate strictly as per the terms and conditions mentioned in the tender document, adhering to technical specifications as well.
- 4. The Bidders are required to submit their Bids online only through the website http://etender.gipcl.com/



5. The EMD, Tender fee & other supporting documents are to be submitted in physical form only at the following address:Addl. General Manager (SLPP)
Gujarat Industries Power Company Limited
Surat Lignite Power Plant
At Village: Nani Naroli,
Taluka: Mangrol,
Dist.: Surat - 394 110, Gujarat.
Phone: (02629) 261063-72.
E-Mail: pbhatt@gipcl.com

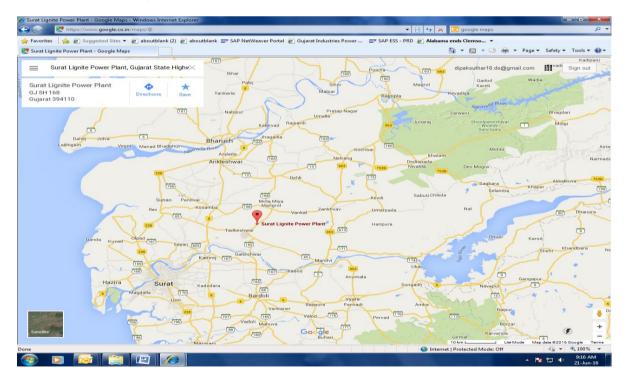


1. PLANT SYNOPSIS

Gujarat Industries Power Company Limited (GIPCL) (henceforth be named Company/GIPCL), is a Premier Power Utility in the State of Gujarat with an installed capacity of 810 MW and 5 MW Solar Power Plant. 51 MW Wind Energy Farm Project is under installation and commissioning stage. GIPCL has issued Lol (Letter of Intent) for 26 MW and 71.40 MW Wind Energy Farm Projects. GIPCL has commissioned 1MWp Distributed Solar Power Projects at two locations in Gujarat viz. at Village: Amrol, Dist.: Anand and at Village: Vastan, Taluka Mangrol, Dist.: Surat.

Surat Lignite Power Plant (SLPP) with four units of 125 MW capacity each is located at Village: Nani Naroli, Taluka: Mangrol, District: Surat in Gujarat. GIPCL has also operating its own captive Lignite and Lime Stone Mines close to the Power Plant. The Power Plant is based on Circulating Fluidized Bed Combustion (CFBC) technology for the Boilers, where Lignite is burnt along with Lime Stone in the Combustor of the Boiler.

Surat Lignite Power Plant (SLPP) is accessible by road from Kim and Kosamba, which are on Mumbai-Ahmedabad highway. From Kosamba, SLPP is around 32 KM, out of which 27 KM is part of the National & State Highway and balance 5 KM is District Road. From Kim, SLPP is around 18 KM, out of which 13 KM is the State Highway and balance 5 KM is District Road. The nearest Broad Gauge Railway Line is at Kim, which is around 21 KM from the SLPP. Surat is approximately 50 KM from the SLPP. Location Map for SLPP is as under.





The Company intends to award Annual Maintenance Contract for the maintenance of 4 x 125 MW CFBC Units Boiler & Auxiliaries for a period of two years at SLPP (2016-18) and is therefore inviting open tenders online www.nProcure.com from experienced & resourceful contractors.

2. <u>SCOPE OF WORK</u>

- 1.1 The scope of work covers total mechanical maintenance activities Viz. Predictive, preventive, breakdown ,Short shutdown , AOH/COH etc. on a per item rate basis mentioned in ANNEXURE A1 & B1(For UNIT 1&2-Phase-1), A2 & B2 (For UNIT 3&4-Phase-2) for the 4 x 125 MW Unit Boiler & its auxiliaries. There are Two CFBC Boilers of 390 TPH,132 Kg/cm² (a),540 °C with reheat capacities in Phase-1 and Two CFBC Boilers in Phase-2, having capacity of 405 TPH,131 Kg/ cm²(g), 540 °C/ 540 °C. Details of the equipment are mentioned in the Annexure-N.
- 1.2 The details of scope of work with technical activity estimate sheet is given as below:1. Annexure- A1 & B1, (For UNIT 1&2-Phase-1)
 - 2. Annexure- A2 & B2, (For UNIT 3&4-Phase-2).
- 1.3 The bid submitted by the bidder not covering the total scope of work and services as detailed out in the tender document shall be liable for rejection.
- 1.4 Quantum of job mentioned against all items in the price bid are indicative only & may vary as per site requirement & not to be construed as maximum or guaranteed quantity. The quantities shown in the price bid are approximate quantities for the contract period and they may vary as per job requirements.
- 1.5 All the miscellaneous activities pertaining to specific work to be executed for satisfactory performance is in the scope of contractor in his quoted rates.

3. <u>GENERAL INSTRUCTIONS</u>

- 3.1 The Bidders who are interested in participating in the tender must read and comply with the instructions and the terms and conditions contained in the tender documents.
- 3.2 The bids shall be filled in by the tenderer clearly, neatly and accurately. Any alteration, erasures or over-writing would be liable to make the tender invalid unless the same is neatly carried out and attested over the full signature of tenderer. The decision of the Company to interpret the information and rates filled in by the tenderer shall be final and binding on the bidder.
- 3.3 The Bidders are requested to make themselves fully conversant with the General Conditions of Contract, Special Conditions of Contract, Technical Specifications, site conditions, safety and health aspects and norms to be observed, etc. while submitting their bids so that no ambiguity arises in these respects subsequent to submission of the Bids.
- 3.4 Before quoting the rates, the Bidder should go through the specifications, scope of work etc. and get himself fully conversant with them. The bid should include cost of mobilization and cost to adhere to all safety norms as described in the tender. No relaxation or request for revision of quoted/accepted rates shall be entertained subsequent to the opening of bid on account of mobilization or Safety costs.



- 3.5 Bidder has to quote the rates for both Phase-I (Unit-1 & Unit-2) and Phase-II (Unit-3 & Unit-4). Bids received for only one Phase shall not be considered. However, party shall have to quote the rates on total estimated value and not phase wise
- 3.6 Bidder has to quote for both Phase I & Phase II. Bids received for only one phase shall not be considered. However, GIPCL reserves the rights to allot all the four units' work to a single bidder or GIPCL may split the contract between two parties, phase-1 and phase-2 work separately as it may deem appropriate. In case of splitting of the contract between two parties, the L2 bidder shall match the rate with L1 bidder.
- 3.7 Bidder has to submit all the information and details required in the bid document. Failure to furnish all the information as per required bid documents or submission of a bid containing deviations from the contractual terms and conditions, specifications and requirements shall be rejected.
- 3.8 The bids shall be submitted within the time frames set out in the Notice Inviting Tender ('NIT') and bids submitted thereafter shall not be accepted and considered.
- 3.9 The tender documents shall not be transferable.
- 3.10 The Bidders are expected to examine all instructions, forms, terms and specifications in the bid documents and to get fully acquainted themselves with all the conditions and matters which may affect the subject matter of the work/tender or the cost thereof. If any Bidder finds any discrepancies or omissions in the specifications and documents or any doubt in true meaning or interpretation of any part, he shall seek necessary clarifications in writing or during pre bid meeting if required.
- 3.11 Conditional offers shall not be considered and liable to be rejected.
- 3.12 The Company reserves the right to extend the deadlines for submission of the bids by giving amendments.
- 3.13 A Pre-Bid meeting will be organized by the Company as per details given in NIT (Notice Inviting Tender) at GIPCL SLPP. Bidders or his authorized representative with authorization letter shall attend the Pre-Bid meeting. Bidders may seek any clarifications from the Company on their written request regarding the tender document.
- 3.14 During evaluation of bids the Company may, at its discretion ask the bidder (s) for clarification of their bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.
- 3.15 The Company reserves the right to amend/ modify the bidding documents at any time prior to the deadline for submission of bids, either at its own discretion or in response to the clarification requested by a prospective Bidder. In such case, the Company may in its discretion extend the deadline for submission of bids in order to facilitate the prospective Bidders for incorporating the effect of the amendment in their bids.
- 3.16 The Bidders shall bear all costs and expenses associated with the preparation and submission of their respective bids, to attend meetings or conferences, if any, including any pre award discussion with the successful Bidder, technical and other presentations, etc. and the Company shall not be liable for any expense thereof.
- 3.17 If the successful Bidder is a joint venture, formed of two or more companies, the bidder along with the partners shall accept joint and several responsibilities and liabilities for all obligations under the Contract.
- 3.18 Timely and satisfactory completion of the work and strict adherence to the allotted time frames for jobs shall be the essence of the contract.
- 3.19 The Company reserves the right to qualify/disqualify any applicant without assigning any reason.



3.20 The Bidder shall be disqualified if any untrue statement or misrepresentation is made in the bid forms, attachments and other supporting documents submitted by the Bidder.

4. PLANT VISIT

The Bidder is advised to visit the Surat Lignite Power Plant (SLPP) after downloading the tender copy from website: http://etender.gipcl.com/ to study the actual working conditions, before submitting their offer. The Bidders shall examine the site of works and its surroundings and see for himself that may be necessary for preparing the Bid and entering into a contract. All costs and liabilities arising out of the site visit shall be at Bidder's account.

The submission of tender by a contractor implies that he has read these instructions, conditions of the contract etc. and has himself aware of the scope, nature of works & specifications of the works to be done. GIPCL will not, therefore after acceptance of contractor's rate, pay any extra charges for any other reason in case the contractor is found later on to have misjudged the site conditions.

Any error in description or quantity or omission in the contract document shall not vitiate the contract or release the contractor from executing the work comprised in the contract according to scope of works, magnitude of the works, requirement of materials, equipment, tools& tackles, labour, etc. Contractor has to complete the work in accordance with the contract documents irrespective of any defects, omissions or errors that may be found in the contract documents.

The Bidder is deemed to have examined and understood the tender document, obtained his own information in all matters whatsoever that may affect the works to be carried out especially mentioned or works which may have to be carried out to fulfill his contractual obligation within the scheduled rates and to have satisfied himself to the sufficiency for his offer.

BIDDER shall inspect the site, examine and obtain all information required and satisfy himself regarding matters such as access to site, communication, transport, working condition including constraint of work place, confined area, quantum of dusting, running equipment, importance of work, round the clock working conditions, safety requirements, temperature of fresh drained hot bed material, right of way, high flood level in River, flow of water during monsoon/dry season in the River/Nallah, the type and number of equipment and facilities required for the satisfactory completion of work, the quantity of various items of the work, the availability of local labour, availability and rates of material, local working conditions, uncertainties of weather, obstructions and hindrances that may arise, etc which may affect the work or cost thereof, before submission of his Bid. Ignorance of site conditions shall not be accepted by the GIPCL as basis for any claim for compensation. The submission of a Bid by the BIDDER will be construed as evidence that such an examination was made. Any later claims / disputes in regard to rates quoted shall not be entertained or considered by the GIPCL.

The rates quoted by BIDDER shall be based on his own knowledge and judgment of the conditions and hazards involved and shall not be based on any representations of the Engineer.



5. ELIGIBILITY CRITERIA

The following criteria will be adopted for qualifying the Bidders for consideration of the Bid for the further proceeding.

- Bidder should posses minimum three years of experience in maintenance of boilers and its auxiliaries during last five years on the basis of AMC/ARC/O & M contract of 110 MW and above capacity CFBC/PF for lignite or coal fired units. Proof to be attached.
- 2. Bidder should produce evidence of having experience of successfully completed similar works as defined hereunder during last five years ending last day of the month previous to the one in which tender is invited, satisfactory progress of ongoing works etc. along with certified copies of documentary evidence preferably photo copies of work experience from the clients. The experience should be either of the following:

Bidder should have executed minimum

A. One similar completed work each costing not less than the amount equal to 242 Lakh

OR

B. Two similar completed work each costing not less than the amount equal to 162 Lakh

OR

C. Three similar completed work each costing not less than the amount equal to 121 Lakh

Bidder should specifically mention fulfilling of above criteria in his offer along with details of work orders & work completion certificates issued by clients

- Contractor has to submit satisfactory work completion certificate from the client. Experience as a sub contractor will not be allowed and Price Bid of such Bidders will be rejected.
- 4. Bidder should have annual turnover of i.e. **121 Lakh** for last three financial years i.e. 2013-14, 2014-15 & 2015-16.)
- 5. The net worth of the bidder as on 31.03.2016 should be positive as evidenced from audited accounts.
- 6. Bidder shall furnish annual audited financial statement duly certified by Chartered Accountant for the last three years to demonstrate the financial healthiness of the company. The balance Sheet must be in the name of the company. Any type of MOU for this purpose will not be entertained.
- 7. In case bidder is a joint venture company since last five years, the above requirements/credential of Joint Venture Company / Parent companies shall be considered.
- 8. Bidder should possess a valid IBR license of Special class Boiler repairer, erector, steam pipe and feed pipe line fabricator under regulations 392 of Indian boiler Regulations 1950 from Directors of Boiler.
- 9. Bidder shall enclose P. F. code allotment letter along with labour licenses and W.C. Policy copies of previous orders.
- 10. The bidder has to submit PAN Card copy of the firm/Company.
- 11. Bidder has to submit copy of service tax registration number.
- 12. After opening of technical Bid, if any required attested documents found missing in the Technical Bid submitted by the Bidder, the tender inviting authority may inform to that Bidder only once by E-mail to submit the missing required documents



within stipulated time limit. If Bidder/Bidders fail to submit within stipulated time, their Bid will be declared technically disqualified and no further correspondence will be entertained.

- 13. Tender fee: The tender fee shall be accompanied in form of Demand Draft.
- 14. EMD: To pay EMD in the form of DD or Bank Guarantee given by Bank as described in subsequent clause no. 8.
- 15. Attested copies of relevant documents duly signed & seal on each & every page shall be submitted. The above documents will be analyzed and after satisfaction, the Price Bid will be open.

The Bidder shall submit all the evidences, documents, attested copies of work orders & work completion certificates etc... as a proof with EMD & Tender Fee and also provide the requisite details online for meeting the prequalification requirements. GIPCL will verify the experience, performance, capability & strength of Bidders, independently for executing the job. GIPCL may visit the site & consult the owner of the industry/property where similar job is executed by Bidder. GIPCL reserves the right to accept/split/cancel/reject any/all Bids without assigning any reason thereof. The tenders of qualified Bidder/Bidders shall only be considered for further evaluation. The Bidder shall enclose copy of all the documents, work orders and any other certificates to satisfy his eligibility criteria along with Annexure-I duly filled in.

6 PRE-BID MEETING

A pre Bid meeting will be arranged at office of Surat Lignite Power Plant as per details given in the NIT (Notice Inviting Tender). All the Bidders are required to attend or send their authorized representative along with authorization letter for attending this meeting. It is desired to attend the Pre-Bid meeting as the work is directly related to the Plant operation and performance of Plant is depending on timely completion of awarded works. Hence every Bidder is require to understand the importance of timely evacuation of bed material by extra efforts, additional resource management, 24 hour working per day in all shifts, working during Sunday, holidays, etc... with respect to other hindrances which may come across during execution of work.

7. LANGUAGE OF BID

The Bid prepared by the Bidder, and all correspondence and documents relating to the Bid exchanged by the Bidder and the Company, shall be written in the English language. Any printed literature furnished by the Bidder, written in another language shall be accompanied by an English translation for the purpose of interpretation of the Bid.

8. EARNEST MONEY DEPOSIT (EMD) and TENDER FEE

8.1 An EMD of Rs. 8, 00,000/- (Rupees Eight Lakh only) and Non refundable Tender fee Rs. 3,000/- (Rupees Three Thousand only) shall accompany with Bid. The EMD & Tender fee shall be in the form of a crossed bank Demand Draft in favour of Gujarat Industries Power Co. Ltd. as per following details:
 Bank Payable at :

1. Bank of Baroda

Payable at : Mosali, Dist: Surat



2. State Bank of India

3. Any Nationalized banks

Nani Naroli, Branch Code: 13423 Surat

- 8.2 The EMD, in alternative, may be submitted in the form of irrevocable Bank Guarantee in favor of Gujarat Industries Power Company Limited from any Nationalized Bank including Public Sector bank-IDBI Ltd or AXIS Bank, HDFC Bank, ICICI Bank or Kotak Mahindra bank, Yes Bank, Ratnakar Bank, IndusInd Bank, Karur Vysya Bank, DCB Bank, ING Vyasya Bank or The Kalupur Commercial Co-operative Bank Ltd, Rajkot Nagrik Sahakari Bank Ltd, The Ahmedabad Mercantile Co-operative bank Ltd, The Mehsana Urban Co-operative Bank Ltd, Nutan Nagrik Sahakari Bank Ltd as per Performa of BG enclosed with this e-tender under Section-F.
- 8.3 In case EMD is paid in the form of BG, the same shall be valid for a period of 180 days after the due date for submission of the bid
- 8.4 The EMD of the successful bidder will be returned after payment of Security Deposit by successful bidder.
- 8.5 The earnest money deposit paid in the form of demand draft will be refunded to the unsuccessful BIDDER as soon as the tender is finalized.
- 8.6 Any bid not accompanied with EMD and Tender fee will be rejected. Tender fees and EMD should be submitted in physical form directly to GIPCL as per Clause 6.9.
- 8.7 No interest shall be payable on EMD.
- 8.8 The EMD will be forfeited if the BIDDER (i) withdraws his tender after acceptance or (ii) withdraws his tender before the validity date of the tender.

8.9 SCHEDULE OF EMD & TENDER FEES

EMD &Tender fee	Address for Submission:
and other	
documents to be	AGM - SLPP
submitted in physical	GUJARAT INDUSTRIES POWER CO. LTD.,
form within three	(Surat Lignite Power Plant)
working days after	Village – Nani Naroli, Taluka – Mangrol
due date of closing	District – Surat 394 110, Gujarat
of the tender	Phone : 02629-261063 (10 lines)
	Fax : (02629) 261073 / 261074

9. <u>SUBMISSION OF BIDS</u>

A: MODE OF SUBMISSION

The bids shall be submitted online at the GIPCL e-portal within the dates specified in the NIT along with the details of tender fees, EMD in two parts as under:

- (a) Pre qualification and Techno-commercial Bid without price.
- (b) Price Bid.

Note: Tender fee and EMD shall be submitted in physical form within three working days after due date of closing of the tender.

(a) Pre qualification and Techno-commercial Bid without price:



The tender document duly signed in all pages without price bid along with techno-commercial deviations, if any, shall accompany the bid. The following Information shall be provided in the techno commercial bid:

- 1. Qualification and experience of site in charge.
- 2. Schedule of deviation (Annexure-J) Technical as well as commercial, if any.
- 3. Qualification & experience of Supervisors/Engineers.

The following supporting documents shall also be submitted alongwith EMD & Tender Fee in physical form:

- 1. The tender documents dully signed in all pages without price bid alongwith techno-commercial deviations, if any.
- 2. Proof of experience meeting the minimum eligibility criteria
- 3. Performance certificate issued by clients.
- 4. Previous work order copies.
- 5. Details of present work order (if any)
- 6. Turn over for the last three years, audited annual accounts/financial statements i.e. profit and loss account and balancesheet duly certified by a practicing CA will be required.
- 7. P.F Number and Allotment Letter.
- 8. PAN Number.
- 9. Service tax registration number/certificate copy.

(b) Price Bid:

1. Price Bid shall be submitted only in soft form through https://gipcl.nprocure.com

Note: Estimated rates includes cost of all manpower, equipments, vehicles, consumables, tools & tackles, transportation, Safety and statutory compliance, mobilization, Contingency expenditure and supervision charges etc....

- 2. Service tax shall be paid extra at actual as per prevailing rates as declared by Central Government on submission of documentary evidence.
- 3. Bidder shall have to quote the rates in the form of %age. i.e. "At Estimated Value. Y_%age below the estimated value OR_X_%age above the estimated value."
- 4. The quantities shown in the price Bid are approximate for the contract period and may vary as per job requirement.
- 5. The Bidder shall fill the Bid documents with utmost care in consonance with the instructions contained in the Bid documents.
- 6. Escalation rate at 5% will be considered for second year.

B: METHOD OF TENDERING/SIGNATURE ON BIDS

- (i) The Bid must contain the postal address like name, residence and place of business of the person or persons submitting the Bid and must be signed and sealed by the Bidder with his usual signature. The name of all persons signingthe documents shallalso be typed or printed below the signature on each page.
- (ii) Bid by a joint venture/partnership firm must be furnished with full names of all partners and be signed with the partnership name, followed by the signature and designation of one of the authorised partners or other authorised



representative(s). A certified copy of the power of attorney authorizing such partner or representative shall also be submitted.

- (iii) Bids by a Corporation/Company must be signed with the legal name of the Corporation/Company i.e by the President/Managing Director/Secretary or other person or persons authorised to Bid on behalf of such Corporation/Company. A certified copy of the board resolution/power of attorney authorizing such partner or representative shall also be submitted.
- (iv) The Bidder's name stated on the proposal shall be the exact legal name of the firm.
- (v) Erasures or other changes in the Bid Documents shall be initialed by the person signing the Bid.
- (vi) Bids not conforming to the above requirements of signing shall be disqualified.

10. MODIFICATION AND WITHDRAWAL OF BIDS

- a. The Bidder may modify or withdraw the bid prior to the deadline prescribed for submission of bids.
- b. No Bid shall be modified subsequent to the deadline for submission of Bids.
- c. No Bid shall be withdrawn in the interval between the deadline for submission of Bids and the expiration of the period of bid validity.

11. POLICY FOR BIDS UNDER CONSIDERATION

- a. Bid shall be deemed to be under consideration immediately after opening of the bid and till official intimation of award/rejection made by the Company to the Bidders.
- b. While the Bids are under consideration, Bidders and / or their representative or other interested parties are advised to refrain from contacting by any means, the Company. The Engineer, if necessary, will obtain clarifications on the Bids by requesting for such information from any or all the Bidders, in writing as may be necessary. The Bidder will not be permitted to change the price or substance of the Bid after the Bid has been opened.

12. EFFECT AND VALIDITY OF THE BID

- a. The Bid should be kept valid for acceptance for a period of one hundred and eighty (180) calendar days from the last date of submission of Bids.
- b. The submission of any Bid along with the required documents and specifications shall constitute an agreement that the Bidder shall have no cause of action or claim, against the Company for rejection of his Bid. The Company shall always be at liberty to reject or accept any Bid or Bids at his sole discretion and any action will not be called into question and the Bidder shall have no claim in that regard against the GIPCL.

13. OPENING OF BIDS

13.1 The GIPCL will open the pre-qualification/Technical Bid/price Bid, as the case may be, in presence of Bidder's representatives whenever such a procedure has been specified. Otherwise the tender will be opened by the authorized officers of GIPCL.

13.2 **Preliminary Examination:**



- 13.2.1The Company will examine the Bids for any computational errors, for sureties furnished by bidder, for authentication of documents submitted and completeness of the Bids.
- 13.2.2 Arithmetical errors will be rectified on the following basis:
 - (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price will be corrected & will be binding to the bidders
 - (b) If there is a discrepancy between the Total Bid Amount and the sum of total prices, the sum of total prices shall prevail and the Total Bid Amount will be corrected & will be binding to the bidders.

14. EVALUATION & COMPARISON OF BIDS

- 14.1 GIPCL shall evaluate the Bids received and accepted by it to ascertain the lowest evaluated Bid in conformity with the specifications of the tender documents.
- 14.2 The Technical Bids will be examined for minor matters regarding qualification of bids. Subsequent to correspondence with the respective bidders, the decision of Tender Committee will be final.
- 14.3 All responses to requests for clarifications shall be in writing and shall be presented to the Company through e-mail or in a sealed envelope on or before the given date requested by the Company. If the Technical clarifications sought by the Company do not reach the Company on or before due date, the Bid will be rejected.
- 14.4 The comparison of all the Bids shall be carried out with reference to the scope of work as per the technical specification. Any deviation/omission shall be evaluated at highest quoted price of the deviation/omission quoted by any of the Bidder. In case a separate price (for omission) is not given by any other Bidder, a reasonable price of the same shall be taken & the same shall be binding to the Bidders.
- 14.5 The commercial deviation, if any, shall be loaded to bring all the Bids at par. The loading shall be carried out at an interest rate of 2% above PLR of SBI.
- 14.6 A Bid to be substantially responsive shall be one which on evaluation confirms to all the terms, conditions and specifications of the Bid documents without any material deviation or reservation.
- 14.7 For the above referred purpose, a 'material deviation' shall be one which:
 - (a) Which affects in any substantial way the scope, quality or performance of the contract, or
 - (b) Which limits in any substantial way and in a manner inconsistent with the Bid documents, GIPCL's right or the Bidder's obligations, under the contract, or
 - (c) Whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

15. <u>RIGHT OF REJECTION OF TENDERS</u>

15.1 GIPCL reserves the right to accept or reject any Bid or to cancel the Bidding process and reject all Bids at any time prior to award of contract, without Page 14 of 62



thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders regarding the same.

- 15.2 Any Tender without EMD and Tender fee will be treated as non responsive and shall be rejected at the outset & no further correspondence shall be entertained regarding this.
- 15.3 GIPCL reserves the right to debar any Bidder from participation in future Bids if such Bidder has quoted an abnormally low rate in the Bid document/price Bid.

16. AWARD OF CONTRACT

- 16.1 GIPCL will award the contract to that bidder whose quotation has been determined to be substantially responsive and evaluated as the lowest quotation in conformity with the requirements of the specifications and documents contained herein, provided further that the bidder is determined and evaluated to be qualified to perform the contract satisfactorily.
- 16.2 The successful bidder shall be intimated of his selection through the Letter of Intent or Letter of Award/ Work Order which shall be sent to him through e-mail, courier, fax or registered mail.

17. <u>CONTRACT PERIOD</u>

- 17.1 The contract will be for a period of 2 years from the date of actual commencement of operation of the contract as stated in the Work Order ('Contract Period').
- 17.2 GIPCL reserves the right to extend the Contract **Period up to 3 months** on the same rates and terms and conditions without any price escalation and entering into any new contract.
- 17.3 The said Contract Period can be extended if mutually agreed upon by both the parties up to one year and in such a case a revised work order shall be issued at the same rates and terms & condition or at negotiated rates acceptable by both parties i.e. the Company & the Contractor.

18. CONTRACT SECURITY DEPOSIT/ PERFORMANCE BANK GUARANTEE

As a Contract Security, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Bank Guarantee (PBG)/Contract security deposit in favor of Gujarat Industries Power Company Limited for guarantee amount at 10% of the "Annual Contract Price" from any Nationalized Bank including Public Sector bank-IDBI Ltd or AXIS Bank, HDFC Bank, ICICI Bank or Kotak Mahindra bank, Yes Bank, Ratnakar Bank, IndusInd Bank, Karur Vysya Bank, DCB Bank, ING Vyasya Bank or The Kalupur Commercial Co-operative Bank Ltd, Rajkot Nagrik Sahakari Bank Ltd, The Ahmadabad Mercantile Cooperative bank Ltd, The Mehsana Urban Co-operative Bank Ltd, Nutan Nagrik Sahakari Bank Ltd in the format attached in SECTION-F, and it shall guarantee the faithful performance of the 'Contract' in accordance with the terms and conditions specified in these documents and specifications. Contract security deposit shall be submitted strictly within twenty one days from the date of LoI or work order, whichever is earlier. The guarantee shall be valid up to retention period of three months from the contract completion date. The Guarantee amount shall be payable to the Company in Bidder's home currency without any condition whatsoever.



The Performance Bank Guarantee (initial security deposit) & retention money (Cash Security deposit) will be returned to the Vendor/Contractor without any interest at the end of the 'Retention Period' after completion of contract and on fulfilling contractual obligations throughout the retention period. However, any delay in submission of initial SD will result in equivalent late release of entire SD after guarantee period.

19. ASSIGNMENT AND SUB-LETTING

The Contractor shall not directly or indirectly assign or sub-let total/any part of the contract to any other party or agency.

20. <u>CONTRACTOR'S OBLIGATIONS</u>

A: DEPLOYMENT & RESPONSIBILTY OF MANPOWER

- 1. The Contractor shall deploy suitably qualified and sufficient manpower for timely & satisfactorily execution of the works under the contract.
- 2. The Contractor shall deploy sufficient skilled, Semi-skilled and Un-skilled manpower like technician, helper, rigger, welders, cutter, electrician, store keeper etc. separately for phase 1 & 2 to properly complete the job in given/scheduled time.
- 3. The Contractor shall depute workmen/labour with proper identification to enter the plant premises after ensuring that the jobs are scheduled.
- 4. At the time of deploying manpower, the Contractor shall strictly comply all the applicable labour laws/Acts norms including but not restricted to the age of the workers, women workers and shall also ensure that a police verification and security check for all the workmen/labour engaged at the GIPCL site is done and necessary documents regarding the same shall be submitted to the GIPCL's authorized representative/officer-in-charge. Any default in complying with the same or any misrepresentation regarding compliance of the same shall compel GIPCL to initiate appropriate civil or criminal proceedings regarding the same.
- 5. The Contractor shall also comply with the safety requirements and provide his workmen/labour with safety equipment like helmets, masks, gum boots, a uniform and other necessary PPEs for properly undertaking the operations involved under this contract. Following are also to be issued:
 - a) Safety shoes
 - b) Goggles / face shield.
 - c) Ear plug / Ear muff.
 - d) Hand gloves like electrical hand gloves / cotton hand gloves / Chemical hand gloves
- 6. Contractor shall nominate /authorise senior experienced person in writing as site in charge to co-ordinate with GIPCL engineer and who shall bear overall responsibility for performance of the contract. Such person shall remain always available at site or site office allotted to the contractor at SLPP site. Contractor has to submit the authority letter and documentary proof for the same.



- 7. The Contractor shall appoint a supervisor who shall co-ordinate with GIPCL's Engineer In Charge for daily maintenance job. They have to maintain daily job register dully signed for the works carried out and duly certified by engineer in charge. The Contractor in co-ordination with the Engineer-In-Charge shall ensure the availability of adequate manpower to carry out the job satisfactorily on a daily basis. As per the instruction of engineer in charge they have to allot the work and execute the same in specified time limit.
- 8. During execution of the works, one or more jobs may be required to be done simultaneously and the Contractor shall mobilise additional resources accordingly.
- 9. During emergency or similar situations the Contractor shall be required to mobilise resources as per need within the period of 24 hours as directed by GIPCL. If the contractor fails to mobilise sufficient manpower to complete the job in time, GIPCL will execute the job through other agency at the risk and cost of the contractor with 15% supervision charges & the same will be recovered from the Contractor's bill.
- 10. Important Note: Whenever any of the Unit at SLPP remains under outage due to BTL, the contractor shall mobilize minimum two/sufficient experienced IBR welders along with sufficient work force at site within a period of twenty four hours from the time of intimation to the site in charge or via mail to your office. Generation loss occurred due to want of welder will be viewed very seriously and will invite appropriate punitive measures as decided by competent authority.
- 11. During working in high risk area like hot lines of steam/ water/ oil the workman must wear a suitable safety apron, safety belt, safety hand gloves and goggles. It is the contractor's/contractor's supervisor's responsibility to ensure it without fail.
- 12. During unit overhauling, the contractor has to enhance the site manpower as per the requirement to ensure the timely completion of work (During overhauling period quantum of maintenance work increases substantially). For this, enhanced work shall be completed by deploying additional manpower with separate supervisor. Payment will be made on job rate basis only. The work during the overhauling period is to be carried out round the clock. Contractor should mobilise sufficient number of manpower and execute the work in two shifts with independent manpower. Contractor should not continue the same manpower more than 12 hours.

B: TOOLS & TACKLES

 All tools and tackles required to execute the contract are in the scope of the contractor. The contractor should ensure that tools and tackles are in healthy & working condition. All consumable items i.e. cloth, cotton waste, kerosene oil, gases (Oxygen, D/A, Argon), welding electrode, etc. would be in the scope of the contractor.

Note: If work is suffered due to want of sufficient manpower, tools & tackles, vehicles, equipments and/or required consumables then 25% of the total job cost will be levied as a penalty for each and every instance.

2. Note: the welding electrode should be approved make i.e. Advani, Oerlikon, ESAB, D&H, L&T.



- 3. For proper maintenance of the plant, the contractor is required to maintain a list of tools & tackles in good working condition at site. The tentative list of such tools & tackles is enclosed as ANNEXURE-D. The contractor should note that this list is not exhaustive and if any additional tools and tackles are required for proper performance of the contract, the same shall also be arranged by the contractor immediately with no extra cost to GIPCL.
- 4. Provision of scaffolding material for maintenance work will be in the scope of the contractor. The scaffolding shall be with pipe and clamps, metallic jallies.
- 5. The Contractor shall_be required to shift spares, lubricant etc in required quantity duly approved by GIPCL's Engineer-in-Charge whenever necessary from GIPCL store/ warehouse to site or site store as per the instructions of Engineer- in -charge. Contractor shall be required to arrange transportation for above. The cost of transportation will be on contractor's account. The contractor shall be responsible for safe transportation, handling and storage. If equipment gets damaged due to improper transportation or fails due to improper lubrication or intermixing, the cost of such damages shall be recovered from contractor's bills. It is the responsibility of contractor to keep various lubricants separately to avoid intermixing. If the failure /defects of equipment occurs due to improper method of maintenance, equipment assembly due to contractor negligence than the losses will be recovered from contractor's bills.
- 6. In case of breakdown of equipment, the contractor should work round the clock for putting back the equipment in service immediately within minimum time. In case of any emergency arising during night hours the contractor should be in a position to mobilise the manpower immediately within minimum time.
- 7. Arrangement for lighting at the work spot has to be made by the contractor. He has to arrange all lighting equipment such as power cable, hand lamps. The contractor has to take prior approval for taking electrical power supply. The contractor should keep hand lamps of 24Volt for confined space and sufficient quantity of 240 Volt and halogen lamp. for other area ensuring safety at work place
- 8. Electrician/supervisor should ensure that the cable connection is not in loose condition, which may cause any damage or failure to the machine/manpower. Pin sockets of IS standards should be used for all connections. For any accident take place & any damage to the equipment and/or injury to human due to carelessness in loose connection, contractors will be held responsible & liable for any recovery/actions.
- 9. All new replacements whether spare parts or any other, shall be inspected and approved by GIPCL Engineer in charge before it is actually put in use. It shall be the contractor's/supervisor's responsibility to ensure this without failure.
- 10. The Contractor must ensure that all the generated scrap, cotton waste, waste oil, tools and tackles are removed from the site immediately after completion of works and he must ensure cleaning of the site. Further, these items should be disposed off to the scrap yard or any other designated place as instructed by Engineer In Charge. In case of heavy weight items, if required transportation may be arranged by the GIPCL at the discretion of the engineer in charge. If the scrap removal is not done within the stipulated time given by GIPCL Engineer, the scrap will be removed by GIPCL at the risk and cost of Contractor with 15% of overhead charges and it will be deducted from the RA bill.



- 11. Insulation scrape materials like glass wool, ceramic wool etc. should be collected in gunny bags with proper care and then disposed off at a suitable location as per the instruction of engineer in charge.
- 12. It is the responsibility of site in-charge to segregate and remove the scrap from site. Work will be certified by Engineer In Charge only after removal of scrap to the scrap yard.

21. <u>Clarification of Bidding Documents</u>

If any Bidder requires any further information or clarification in the Bidding Documents, may notify the Company before one week of last date of submission of online Bid, in writing or by E-mail at the GIPCL's mailing address <u>slppmech@gipcl.com</u> as indicated in the 'Invitation to Bids'. The GIPCL's response (including an explanation of the query) will be sent in writing or by E-mail to all prospective Bidders who have received the Bidding Documents.

22. <u>TIME SCHEDULE</u>

The basic considerations and the essence of the 'Contract' shall be the strict adherence to the time schedule for performing the specified 'Works'.

23. <u>UNDERSTANDING AND CLARIFICATION ON DOCUMENTS AND</u> <u>SPECIFICATION</u>

The Bidder is required to carefully examine the specifications and documents, all the conditions and matters work wise & cost wise. If any Bidder finds any discrepancies or omissions in the specifications and documents or is in doubt for any meaning of any part, he shall request in writing for an interpretation/ clarification to the GIPCL or during Pre-Bid meeting.

All such interpretations and clarifications shall form a part of the Bid documents.

24. PAYMENTS

All the payments against the work order shall be in Indian currency and payable through cheque only.

25. POINTS TO BE CONSIDERED DURING QUOTING ONLINE PRICE BID

- a. The schedule of rates shall be read in conjunction with Instructions to Bidders, General conditions of contract, Special conditions of contract and Technical specifications.
- b. The quantities given in the schedule of rates are estimated and will be made as per actual work carried out as per the rates of work order.
- c. The method of measurement of completed work for payment shall be in accordance with the method of measurement specified in the
- d. No separate amount shall be payable for use of auxiliary equipment incidental to or in day to day operation in the course of fulfillment of contractual obligation of the supplier.

Note: Interested bidders are requested to submit the online tender at least two days in advance from the due date set for on line submission of bid in order to



avoid non participation of e-tender due to probable technical problem in e-tender system.

26. <u>QUANTITIES</u>

The quantities specified are estimated and for tendering purpose only. Payment will be made, based on actual work done as certified by Engineer-in-charge of GIPCL.

Quantities of individual items may be revised during the course of contract period based on site requirement. Contractor shall not be entitled for any compensation on ground of such alteration in scope of work. GIPCL reserves the right to operate or increase/decrease quantities in each item or omit any item included in Schedule of Quantity at his discretion. Contractor shall have no claim, whatsoever, on grounds of loss of anticipated profit etc. on account of the same.

After commencement of the work, GIPCL, for any reason may not require to be carried out the whole/part of the work as specified in the tender, the ENGINEERin-charge shall inform the fact for thereof to the CONTRACTOR and contractor shall have no claim for any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the full amount of the work not having been carried out nor shall he have any claim for compensation by reason of any change having been made in the original specifications and instructions which shall involve any curtailment of the work as originally contemplated.(to be reviewed with legal and to be incorporated in special conditions only)

27. <u>SPLIT OF WORK</u>

The GIPCL reserves the right to split the work among more than one contractor at the stage of initial award of contract, reject or accept/prefer any tender without assigning any reason whatsoever.

Bidder has to quote for both Phase I & Phase II. Bids received for only one phase shall not be considered. However, GIPCL reserves the rights to allot all the four units' work to a single bidder or GIPCL may split the contract between two parties, phase-1 and phase-2 work separately as it may deem appropriate. In case of splitting of the contract between two parties, the L2 bidder shall match the rate with L1 bidder. After award of work, GIPCL reserves the right to increase or decrease the quantum of works awarded, depending upon progress and performance of work. The GIPCL will not entertain any claim from contractor as a result of such splitting up, rejection, acceptance and reduction in scope.

28 VARIATION IN MINIMUM WAGE RATE:

- In case of any statutory variation in Minimum Wage Rates (MWR), the escalation on quoted rates shall be applicable subject to following consideration :-
- Prevailing Minimum Wage Rates (MWR) shall be considered as applicable of rate on date of floating of tender (based on latest Government Notification) and all statutory payment like PF, Bonus and Leave, on prevailing rate notified by the Government of Gujarat as per Minimum Wages Act, 1948.
- The labour component considered in SoR: 76% of quoted Rates.



- No reimbursement shall be made up to 05% variation in prevailing minimum wage rate (on last date of bid submission) for first year of contract period.
- No reimbursement shall be made up to 10% variation in prevailing minimum wage rate(on last date of bid submission) for second year of contract period.
- Any statutory variation in Prevailing wage rate beyond specified % variation in Minimum wage rate (i.e. to 05% variation in first year & 10% variation in second year), escalation on specified labour component (i.e. 76%) of quoted rate of SOR shall be applicable for differential % increased in minimum wage rate during applicable balance contract period.

29 <u>Benefit payable in case of accident outside premises or not during the course of employment: (Off Duty Coverage) & Other HR related points:</u>

- The contractor shall provide off-duty insurance coverage (Medical + Death Benefit) sum of Rs. one Lac (Nagrik Suraksha Policy or Equallent) to all its workmen deployed at GIPCL-SLPP site for the accident taking place outside the Company premises anywhere in any capacity and in whatsoever may be the manner. Premium amount would be around Rs.95/- plus Service Tax per person per year.
- **Uniform:** The contractor shall issue three pairs of stitched uniform to contract workmen (Pant-Shirt for men and Sari-Blouse to women workers). However brand of fabric will be MAFATLAL. The color of the uniform shall be as indicated by GIPCL. The uniform should be issued to workmen within one month from the date of commencement of the Contract, otherwise penalty will be imposed
- Adhoc Allowance: Considering the inflation and financial conditions prevailing in the market, to compensate the contractor towards the benefits of adhoc allowance. Contractor shall pay additional adhoc allowances to the specified workmen per month.
- Legal matters pending before the Court: In case, in any litigation pertaining to labour employed through contractor, if any direction or order is issued by court at any point of time, the contractor shall comply with and implement such direction or order whether passed at the time of award of contract or during the pendency of contract.
- Annual Health Check-up: As per Statutory requirement Contractor has to inform workmen deployed at Site for Annual health check-up as per schedule prepared by HR&A Dept .
- The Contractor shall be responsible for payment of overtime wages to his workmen, if any, in case they are required to work beyond the prescribed hours under the applicable law as per applicable rates.
- The Contractor shall not engage workmen below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- The contractor shall conduct pre-employment medical check-up and periodic medical check-up of his workmen employed by him as per applicable laws.
- The list is indicative in nature and not an exhaustive one. Any amendment / alteration / Notifications or addition to the existing Law or a new statute shall automatically and immediately become applicable



SECTION-B INSTRUCTIONS TO BIDDERS FOR ONLINE TENDERING

Bidders who wish to participate in this tender will have to procure or should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n)code solutions-a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below Bidder may go through the e-tendering instruction for online Bid participation through n-procure platform for further details and guidance for participation in the tendering process through e-tendering. In case of any queries related to e-tendering system, Bidder may write/contact at following details:

(n) Code Solutions – A division of GNFC Ltd. 301, GNFC Info tower, Bodakdev, Ahmedabad – 380 054 (India) Tel: +91 79 26857316 / 17 / 18 Fax:+91 79 26857321 E-mail: nprocure@gnvfc.net www.nprocure.com Toll Free: 1800-233-1010(Ext. 501,512,517)

Bidder may visit https://www.nprocure.com/html/faq.asp for information regarding e-tendering registration process

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1. CONTRACT SECURITY DEPOSIT/ PERFORMANCE BANK GUARANTEE

As a Contract Security, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Bank Guarantee (PBG)/Contract security deposit in favour of Gujarat Industries Power Company Limited for guarantee amount at five percent (10%) of the "Annual Contract Price" from any Nationalized Bank including Public Sector bank-IDBI Ltd or AXIS Bank, HDFC Bank, ICICI Bank or Kotak Mahindra bank, Yes Bank, Ratnakar Bank, IndusInd Bank, Karur Vysya Bank, DCB Bank, ING Vyasya Bank or The Kalupur Commercial Cooperative Bank Ltd. Raikot Nagrik Sahakari Bank Ltd. The Ahmadabad Mercantile Co-operative bank Ltd, The Mehsana Urban Co-operative Bank Ltd, Nutan Nagrik Sahakari Bank Ltd in the format attached in SECTION-F, and it shall guarantee the faithful performance of the 'Contract' in accordance with the terms and conditions specified in these documents and specifications. Contract security deposit shall be submitted strictly within twenty one days from the date of LoI or work order, whichever is earlier. The guarantee shall be valid up to retention period of three months from the contract completion date. The Guarantee amount shall be payable to the Company in Bidder's home currency without any condition whatsoever.

The Performance Bank Guarantee (initial security deposit) & retention money (Cash Security deposit) will be returned to the Vendor/Contractor without any interest at the end of the Retention Period'after completion of contract andon fulfilling contractual obligations throughout the retention period. However, any delay in submission of initial SD will result in equivalent late release of entire SD after guarantee period.

2. <u>RECOVERY CLAUSE</u>

- (i) In case of any damage of equipment/machinery due to negligence of contractor or any other reasons attributed to contractor the decision of Engineer-in-charge regarding the amount of recovery shall be final and binding subject to a maximum of 10% of contract value. Recovery will be affected from the monthly bills and/or retention money/security deposit.
- (ii) If the contractor fails to execute the work as per directions of Engineer (I/c) within the time frame given in work order and as per day to day instructions by Engineer-in-charge, GIPCL shall get the work done by third party at the risk & cost of the contractor with 15% additional overhead charges of GIPCL.

3. ASSIGNMENT AND SUBLETTING OF THE CONTRACT

The Contractor shall not directly or indirectly assign or sub-let total/any part of the contract to any other party or agency.



4. DEDUCTIONS FROM CONTRACT PRICE

All costs, charges or expenses that GIPCL may have paid, for which, under the contract the contractor is liable, shall be recovered by the GIPCL. The contractor shall pay all such claims within 15 days of claim failing which the same shall be deducted from the bills of contractor.

5. TERMINATION OF CONTRACT BY GIPCL

Contractor shall be responsible to complete the jobs within agreed time schedule and in case contractor fail to complete the job, GIPCL shall recover from his bill, Security Deposit and / or whatsoever for expenses incurred to complete the job with additional 15% overhead charges.

In case if contractor's services are not found satisfactory with respect to mobilization, time bound completion of work, workmanship & safety (OHSAS policy of GIPCL) then GIPCL has right to terminate the contract at any time by giving him 15 days advance notice without assigning any reason and will make the alternate arrangement at the risk & cost of contractor.

GIPCL may terminate the contract after due recoveries of pending jobs/damages after giving 15 days advance notice to the contractor if any of the following events occur –

- i. Contractor is adjudged as insolvent.
- ii. Contractor has abandoned the contract.
- iii. Contractor fails to proceed with the work with due diligence as per requirements of the contract.
- iv. Contractor has neglected or failed persistently to observe or perform any of the acts, matters or things, which as per the contract are to be observed and performed by the contractor.
- v. Contractor repetitively violating the safety norms for more than three incidents.
- vi. Any major contradiction of applicable labour laws.
- vii. Any major deviations from contractual terms and conditions including quality of job.

6. FAILURE & TERMINATION

If the CONTRACTOR after receipt of written notice from the GIPCL/ ENGINEER requiring compliance, with such further drawings and / or the GIPCL /ENGINEER instructions fails within seven days to comply with the same, the GIPCL /ENGINEER may employ and pay other agencies to execute any such work whatsoever as may be necessary to give effect thereto and all costs incurred in connection therewith shall be recoverable from the CONTRACTOR by the GIPCL on a certificate by the GIPCL/ENGINEER as a debt or may be deducted by him from any money due or to become due to the CONTRACTOR.

If the contractor fails to execute the work or fails to mobilize the resources and equipments as per directions of GIPCL / ENGINEER within the time frame given and/or violating the GIPCL's safety rules & regulations, ENGINEER/ GIPCL shall get the work done by third party at the risk & cost of the CONTRACTOR with additional 15% overhead charges of GIPCL and all costs incurred in connection



therewith shall be recoverable from the CONTRACTOR by the GIPCL /ENGINEER as a debt or may be deducted by him from any money due or to become due to the CONTRACTOR.

In case if contractor's services are not found satisfactory with respect to mobilization, time bound material evacuation, workmanship & safety (OHSAS policy of GIPCL) then GIPCL has rights to terminate the contract at any time by giving you 15 days advance notice without assigning any reason and will make the alternate arrangement at cost and risk of the Contractor.

7. <u>SETTLEMENT OF DISPUTES</u>

- a. Any disputes or difference of opinion between parties arising out of the contract to the extent possible shall be settled amicably between the parties. If amicable settlement cannot be reached all the disputed issues shall be resolved through arbitration before a Sole Arbitrator appointed by Managing Director, GIPCL according to the provisions of The Arbitration & Conciliation Act, 1996. The place of arbitration shall be at Surat/Vadodara or any other place within state of Gujarat as may be mutually agreed by the parties in consultation with the tribunal.
- b. In appointment of the Sole Arbitrator, if the dispute claim is up to a sum of Rs. 25/- Lac, a person having a position equivalent to a Retired District Judge shall be appointed; for the claim higher than Rs. 25/- Lac and up to Rs. 100/- Lac, the same shall be referred to a Retired High Court Judge and for a claim exceeding Rs. 100/- Lac, the same shall be referred to a Retired to a Retired Supreme Court Judge.
- c. Work under the contract shall be continued by the contractor during arbitration proceedings unless GIPCL shall order suspension thereof or any part thereof in writing or unless the matter in such work cannot possibly be continued unless the decision of the Arbitration proceedings is obtained.

8. INTERPRETATION OF CLAUSE

In case of disputes as regards interpretation of any of the clauses or specification, the decision of Addl. General Manager (SLPP) - GIPCL will be final and binding on the contractor.

9. EMPLOYEE'S COMPENSATION INSURANCE

Contractor shall take all risk Insurance Policy to cover all his workmen/employees, staff applicable under the Employee Compensation Act 1923 or any amendment thereof as also insurance cover for third party liability. The contractor shall keep the GIPCL indemnified from all liabilities arising out of his action in pursuance of this contract. The E. C. Policy should be obtained from Surat Jurisdiction and shall be assigned to GIPCL. EC policy should cover the specified contract period.

Contractor shall also obtain additional off-duty coverage insurance policy for all his workers as per clause no. 24 herein under.



10. STATUTORY REQUIREMENTS

- The contractor shall be solely responsible for any accident caused to his workers and should adhere to all rules / regulations as per labour laws of Government and other statutory laws as applicable.
- The contractor should register himself under the Contract Labour Act, Employee Compensation Act and PF Act (Code no. to be mentioned) and submit the copy of registration certificate and should possess the same from the date of commencement of work, failing which the contract is liable to be cancelled. The E.C. Policy copy should be submitted to the GIPCL before commencement of the work and Labour License should be obtained within one week from the date of issue of form-V. Contractor should apply for Form-V immediately after receipt of LOI. A copy of Labour License shall be submitted to GIPCL, HR & A Department.
- Contractor shall have to insure his workmen /supervisors etc. under Group Insurance scheme.
- The Contractor shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, All Labour Laws Act in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulation, Acts, GIPCL reserves the right to recover the same from the running bill of the contract.
- Documentary evidence of deposit of PF paid shall have to be produced by the contractor along with the next bill.
- Records as per the provisions of various statutory Acts will have to be maintained by the contractor and submitted as and when required.
- All employees of contractor should maintain due discipline and respect local sentiments. GIPCL reserves the right to direct the contractor to remove any such person who does not comply with it.

A. <u>COMPLIANCE OF LABOUR LAWS</u>

- 1. The contractor shall at his own cost comply with the provision of labor laws, rules, orders and notifications whether central or state or local as applicable to him or to this contract from time to time. These Acts/Rules include without limitation of the followings.
- 2. Contractor shall be solely responsible and shall fully comply with all the provisions of all the labor laws applicable such as the Minimum Wages Act, 1948, Contract Labor (Regulation & Abolition) Act 1970, Factories Act, 1948, Payment of Bonus Act 1965, Employees Provident Fund and Miscellaneous Provision Act 1952, Industrial Dispute Act 1947, Employee Compensation Act 1923, Payment of Gratuity 1972, Interstate Migrant Workmen Act 1979, Equal Remuneration Act with Rules, Order and Notifications issued/made there under from time to time.
- 3. All other Acts, Rules/Bye-Laws, Orders, Notifications etc. present of future applicable to the contractor from time to time for performing the contract job.
 - 3.1 The Contractor shall provide and be responsible for payment of Wages, Salaries, Bonus, Social charges, Insurance, Food, Accommodation, Transport, Medical and Canteen facilities and other statutory privileges and facilities to his personnel as per law/rules/regulations and orders of the Central Government, State Government, Local Authorities or other



authorities as are in force from time to time. All employees of the Contractor shall be employee of the Contractor.

- 3.2 The contractor shall have a valid license obtained from Licensing Authority under the Contract Labor (Regulation & Abolition) Act-1970 at the time of execution of the contract covering all his employees working at SLPP site and furnish the same failing which GIPCL may terminate the contract at its sole discretion.
- 3.3. The Contractor shall at the time of execution of the contract have a EPF Code Number obtained from the Authorities concerned under the Employees Provident & Miscellaneous Provisions Act, 1972 and remit contributions in respect of the employees employed by him at SLPP Site to the P.F office concerned every month failing which GIPCL will recover from the outstanding payment to the contractor from GIPCL.PF code of Gujarat region should be taken.
- 3.4. The Contractor shall maintain all records/registers required to be maintained by him under various labor laws mentioned above and produce the same before the Statutory Authorities whenever required.
- 3.5 The Contractor shall also submit periodical reports / returns to the various statutory authorities such as the Contract Labour (Regulation & Abolition) Act-1970, Employees Provident Fund Act etc. Under intimation to HR&Admn.Dept.
- 3.6 The Contractor shall not pay less than the Minimum Wages notified by the Government from time to time to his employees of corresponding categories.
- 3.7. The Contractor shall be responsible for payment of overtime wages to his workmen, if any, in case they are required to work beyond the prescribed hours under law as per applicable rates.
- 3.8 The contractor shall take Employee Compensation Insurance Policy for all his employees working at SLPP. The contractor shall indemnify the company against any liability due to any work injury or accident to any of its employees.
- 3.9 The Contractor shall in the event any of his workmen / employee sustains any injury or disablement due to an accident arising out of and in the course of his employment, provide necessary medical treatment and pay compensation as applicable, required under the Employee Compensation Act, 1923.
- 3.10 If any of the persons engaged by the Contractor misbehave with any of the officials or the Company or commit any misconduct with regard to the property of the Company or suffer from any serious communicable disease, the Contractor shall replace them immediately.
- 3.11 The Contractor shall not engage / employ persons below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- 3.12 GIPCL will have right to deduct and disburse the claims of the individual / parties being a principal employer on any account whatsoever in relation to their employment with the contractor. The Security deposit will be released to the contractor at the end of the contractual tenure subject to an undertaking by the contractor that in the event any of his workmen or the heirs of workmen puts up a claim for recovery of money due to him from the contractor before the appropriate authority under the I.D.Act 1947 or under any other labor laws or for compensation under the Employee Compensation Act, 1923 and the appropriate authority has given a



direction for making payment the contractor will meet the same or indemnify GIPCL if in the event GIPCL pays it as Principal Employer.

- 3.13 The contractor shall make payment of wages to his employees on fixed date within the period specified under the applicable Law, in presence of representative of the company. He will submit a true copy of wage sheet, attendance register and P.F. remitted challan along with ECR copy on monthly basis to HR&A dept. for verification and record.
- 3.14 The Contractor shall provide Safety items / kits to his employees such as safety shoes, goggles, ear plugs, hand gloves, safety belts etc., if any, required under the law.
- 3.15 The contractor shall conduct pre-induction and periodic medical checkup of his workmen as per applicable laws.
- 4. The contractor shall be solely responsible for any accident caused to his workers and should adhere to all rules / regulations as per labor laws of Government and other statutory laws as applicable.
- 5. The contractor should register himself under the Contract Labor Act, Employee Compensation Act and PF Act (Code no. to be mentioned) and submit the copy of registration certificate and should possess the same from the date of commencement of work, failing which the contract is liable to be cancelled. The E.C. Policy copy should be submitted to the GIPCL before commencement of the work and Labor License should be obtained within one week from the date of issue of form-V. Contractor should apply for Form-V immediately after receipt of LOI. A copy of Labour License shall be submitted to GIPCL, HR & A Department.
- 6. Contractor shall have to insure his workmen /supervisors etc. under Group Insurance scheme.
- 7. The Contractor shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, All Labor Laws Act in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulation, Acts, GIPCL reserves the right to recover the same from the running bill of the contract.
- 8. Documentary evidence of deposit of PF paid shall have to be produced by the contractor along with the next bill.
- 9. Records as per the provisions of various statutory Acts will have to be maintained by the contractor and submitted as and when required.
- 10. All employees of contractor should maintain due discipline and respect local sentiments. GIPCL reserves the right to direct the contractor to remove any such person who does not comply with it.

The list is indicative in nature and not an exhaustive one. Any amendment/alteration/Notifications or addition to the existing Law or a new statute shall automatically and immediately become applicable.

B. LEGAL ASPECTS

- 1. Contractor shall maintain all register required under the Labour Laws & any other applicable laws and make the payment as per the Minimum Wages Act to the workers employed by him.
- 2. Contractor shall obtain requisite license to carry out this contract under the provisions of Contract Labour Act, 1970 and maintain necessary records and registers under the said Act.



- 3. Contractor shall submit a copy of each of the registration certificates with respect to Employees Provident Fund and Employee Compensation Act within one week time, from the date of award of this contract.
- 4. Contractor's employees, agent or sub-agent shall not smoke or light anything within the premises of the GIPCL and carry match box / lighter or any other explosive and /or inflammable material inside the plant.
- 5. Contractor shall abide by all the statutory rules and regulations like P.F, Labour Laws etc.
- 6. Contractor shall issue an appointment order to each casual labourer stating therein the nature of job to be performed by him and fix time for which the concerned labourers are likely to be deployed. Contractor shall also issue a temporary identity card specifying the period for which the labourer has been deployed.
- 7. Contractor is fully liable for the persons engaged by him for above work; however, GIPCL reserves the right to deduct any amount legally justified towards any liability not fulfilled.
- 8. Contractor shall indemnify GIPCL from any liabilities arising out of the employment of the manpower.
- 9. If the contractor fails to complete the allocated job within specified time frame, GIPCL shall get the work done by third party at the risk and cost of contractor.

11. PAYMENT OF WAGES

Contractor shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, Payment of Bonus Act, Labor Law Act, maternity benefit act in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulation, Acts.

12. ACCIDENT TO WORKMEN

Contractor shall be fully responsible for injury or death of any of your or third party workmen due to any act omission / indiscretion on your part while undertaking the work and contractor shall fully abide by the statutory requirements of the employee's compensation act. GIPCL shall not be liable for any compensation due to accident, death or injury to any of contractor's workmen or any third party due to negligence, act or omission on your part.

13. LIGHTING

- Arrangement for lighting at the work spot has to be made by the contractor. He has to arrange all lighting equipment such as power cable, hand lamps. The contractor has to take prior approval for taking electrical power supply. The contractor should keep hand lamps of 24Volt for confined space and sufficient quantity of 240 Volt and halogen lamp. for other area ensuring safety at work place
- Electrician/supervisor should ensure that the cable connection is not in loose condition, which may cause any damage or failure to the machine/manpower. Pin sockets of IS standards should be used for all connections. For any accident take place & any damage to the equipment and/or injury to human due to carelessness



in loose connection, contractors will be held responsible & liable for any recovery/actions.

14. <u>NIGHT/SUNDAY/HOLIDAY SHIFT</u>

The contractor shall depute qualified and adequate resources in night shift/Sunday/holidays for any emergency job, which may come up at night/Sunday/holiday.

15. <u>SAFETY ASPECT</u>

Contractor shall observe all the safety and security rules and regulation of the GIPCL which are at present in force and which may come into force during the pendency of the contract. Any violation of any rules and regulations will entail immediate termination of the contract.

When contractor moves his lifting tools and tackles to the plant area, required test certificates as per the Factory Act 1948 and the state factories rules has to be submitted to safety Deptt. Safety Deptt. will check the certificates and if found okay, then only materials will be allowed to enter inside the plant. Material inward gate pass will be made only after certification from Safety Deptt. Security Deptt. will inform to Safety Deptt., as & when such tools and tackles brought at the gate for making entry in the maintenance site.

The contractor has to submit the list of required safety gears along with safety equipments available with him to safety Deptt. Safety Deptt will check for quantity and quality of the safety gears and then allowed permission of work. Poor quality material will not be allowed to take inside the Plant. If quantity of required safety equipments is not satisfactory, contractor will not be allowed to carry out the work using such safety gears inside the Plant for the work.

16. <u>GENERAL SAFETY CLAUSES :</u>

- 1. The Contractor shall observe and comply, with regard to his workmen working at the SLPP site, the safety norms as per the safety operating standards.
- 2. The Contractor shall ensure that his workmen are informed and trained regarding the safety standards to be adopted while operating within the SLPP Plant & Mines premises and the Contractor shall brief them regarding the same and use of the Personal Protective Equipment ('PPE').
- 3. The Contractor shall issue safety shoes and safety helmet of IS standard to all his workmen immediately on execution of the work and the contractor shall ensure that his workmen wears the protective equipments at all times during the work operation. Brand name for safety shoe & safety helmet shall be suggested by safety representative of SLPP site.
- 4. Other safety gears like ear plug, dust mask, hand gloves, safety goggles, gum boots, full body safety uniform and belts, safety net etc. shall be issued and used as per the job requirements. Safety helmet shall be of YELLOW COLOUR ONLY. Contractor will procure safety shoes & safety helmet from a reputed company with at least 12 months' guarantee and shall produce the guarantee certificate and IS standard certificate to the safety department. Contractor should purchase safety shoes of reputed brands. Safety shoes will be issued every year. IS certificate and guarantee certificate must be obtained from the vendor and submitted to the



Safety department. Safety shoes should be heat, water, oil and chemical resistant, having an anti-slippery sole of 15298- 2002 make.

- 5. It is the duty of contractor to ensure that his workmen are wearing required PPEs as per work requirement. Contractor should ensure that their workers are wearing Safety helmet, safety shoes, dust mask, goggles, ear plug etc. at all times when they are at work throughout the contract period. The contractor has to maintain the PPE issue register with signature of workmen.
- 6. Contractor will reissue these PPEs in case of damage or misplacement of the same. Replacement shall be made immediately.
- 7. The contractor shall be responsible for providing first aid or emergency medical help and treatment to his workmen in the event of any accident or injury.
- 8. If it is observed that contractor is not issuing required PPEs timely and that of required quality, GIPCL will issue the required PPEs to contract workers and back charge the same with 25% overhead charges of GIPCL.
- 9. All lifting tools and tackles shall be duly certified by competent person in conformity with the statutory requirements and certificate in form no. 10 as per rule 60 of Gujarat Factories Rules, 1963 and section 29 of the Factories Act, 1948 shall be submitted every year before using such tools and tackles. In case of purchase of new lifting tools and tackles, form no. 10 as per the said rules shall be submitted before they are taken into use. All lifting tools and tackles shall be of reputed make having International manufacturing standard and shall be maintained in proper and workable condition.
- 10. The Contractor shall nominate one Safety Officer with required qualification for supervising the daily job/ shutdown jobs for observing and maintaining the safety aspects at site. He is solely responsible for any safety measures during maintenance work. He has to ensure that all the workmen working at site are equipped with essential PPE's and proper safety arrangement is made at the SLPP site.
- 11. After mobilization of any tools & tackles to site, which includes chain pulley blocks, D-shackles, wire ropes, winch machines, Mobile crane, Hydra etc. shall be offered for inspection with all above statutory test certificate before using at site for any work. They should use all tools and tackles only after certification by GIPCL representative/safety officer.
- 12. When working at height, working on ceiling or roof covered with fragile materials, full body harness safety belt, ladders and crawling boards shall be used to prevent accident. Further, during working on height, contractor should arrange proper scaffolding of still pipes, safety net, full body safety belt, fall arrestor system etc. Advice and instructions of engineer in charge/ safety in charge shall be strictly complied with in this regard. All necessary safety precautions shall be taken by the contractor to prevent accident and personnel injuries while working on height.
- 13. Flash back arrestors made of reputed manufacturer shall be provided on cutting torch, on DA cylinders and on O2 cylinder. Cylinder caps also required for handling the cylinders at the work at height area. Gas cylinders shall be transferred through gas cylinder trolley only with cylinder cap and stored up right (vertical) position only. All gas cylinders shall be hydro tested / certified as per gas cylinder rules 2004. Gas cylinders shall be stored, handled as per gas cylinder rules 2004.
- 14. All vehicles shall be operated by licensed drivers only. All vehicles' PUC to be tested as per Government approved RTO guidelines. All Vehicles must be parked in Parking space designated by GIPCL. If any vehicle is found inside the plant premises other than the parking area such vehicles shall be handed over to Security dept. and their entry shall be cancelled for movement inside the plant premises with immediate effect.



- 15. All electrical equipment shall be in good condition and free from any defect. Electrical tools & equipments i.e. welding machine, grinding and drill machine etc. may be checked by the electrical engineer of the contractors regularly, every six month at least and report to be submitted to concerned HOD and safety depts.
- 16. During hot work, contractor will use fire curtains like asbestos sheets or fire blankets to prevent falling and spreading of sparks and hot material on and around the work area. Contractor will procure and use such items. ELCB / RCCB shall be provided with rating of 9-30 milli ampere on welding machine and all portable power tools.
- 17. The contractor shall fill up Incident notification form (S-I), Incident Investigation form (S-II) and near miss report within time limit as specified in forms, if any accident, Incident, near miss occurred while working at SLPP site.
- 18. Major AMC / ARC contractor (Where the man power strength is more than 50 and above) should appoint / nominate one qualified safety officer and he shall be responsible for addressing all the safety related aspects of execution of contract jobs and he will in close co ordination with safety officer of SLPP and attend all safety related meeting such as safety committee, on job safety training etc. Where the contractual man power is less than 50, the site incharge of the contractor will act as a safety officer and he will perform all the duties of safety officer as mentioned above.
- 19. No loose connection / joints allowed in electrical cables during performance of any kind of job.
- 20. Safety shoes to be issued to female employees also.
- 21. All the vehicles shall be fit as per RTO guidelines and valid fitness certificate is required as per RTO guidelines.
- 22. The Contractor's nominated safety officer shall be imparted regular on-job safety training like tool-box talk etc. and submit a record of such training in safety dept, respective dept and HR&A dept.
- 23. The Contractor shall comply all the new requirements related with safety as informed by the HOD / Safety department from time to time.
- 24. Penalty to be imposed for Violation of safety norms is proposed as follows:-The Contractor & Contract workmen shall strictly adhere to Safety standards / Guidelines as per practices. The list provided below is an indicative list to explain the principles behind safety practice. If the contract workmen fail to comply with safety standards as per category A, B & C below, penalty shall be levied on the contractor as per the table mentioned below:

Category A	Classification PPEs Related	Examples / Cases Working without helmet, shoes, safety belt, gloves etc.	Penalty Rs. 100 /- per instant.
B	WI Related	Failure to adhere to HSE guidelines/plans, careless attitude in material handling, Machine being used with damaged machine guard, unsafe electrical work - workout plug top/improper electrical joints/cables lying on ground, electrical equipment working without	 Rs. 500 /- per instant. After three incidence, Per incidence Rs. 2500/-



		 proper earthing, machine being used without machine guard, Welding machine without ELCB / RCCB of proper rating, Gas cylinder without test certificate, Cylinder cap, NRV / Flash back arrester, Cylinder trolley etc. Unsafe working practices at height more than 3 meters Working without permit or non-compliance with permit conditions like hot work, height work etc. as applicable, lifting tools and tackles being used without third party inspection certificates in form no. 9/10 as per Factory Act – 1948 etc 	 Continuous unsafe acts will disqualify the contractor from further participation in tender of GIPCL-SLPP.
C	Unsafe Practices	Breach of safe practices by a particular person repeatedly for three times.	Suspend the entry gate pass for one week. After two suspensions his gate pass will be cancelled.

Penalty so levied against the contractors and company employees will be used during the observation of National Safety Day.

The contractor, workmen following good safety practices in their work area continuously will be rewarded / honored on National safety day.

17. <u>REJECTION OF WORK:</u>

If, as a result of inspection, examination or testing, the GIPCL's Representative/Engineer decides that any materials, work or workmanship is defective or otherwise not in accordance with the Contract, the GIPCL/Engineer/GIPCL's Representative may reject such plant, materials, work or workmanship and shall notify the CONTRACTOR promptly, stating his reasons. The CONTRACTOR shall then promptly make good the defect and ensure that the rejected item complies with the Contract. If Contractor failed to rectify the rejected work or workmanship, GIPCL/Engineer reserves the right to deduct or withhold amount against rejected work or Workmanship. CONTRACTOR shall not entitle for any claim or release of hold payment until rectify the defect up to satisfactory of GIPCL. If Contractor failed to rectify any such defective work or workmanship,



GIPCL reserve the right to rectify at risk and cost of the CONTRACTOR and deducted by the GIPCL from any amount due, or to become due, to the CONTRACTOR's dues.

If the GIPCL/Engineer/GIPCL's Representative requires such materials, work or workmanship to be retested, the tests shall be repeated under the same terms and conditions. If such rejection and retesting cause the GIPCL additional costs for the traveling and lodging costs of GIPCL/Engineer's personal for attending the retest, such costs shall be recoverable from the CONTRACTOR by the GIPCL and may be deducted by the GIPCL from any amount due, or to become due, to the CONTRACTOR.

18. <u>GENERAL TERMS AND CONDITIONS:</u>

- 1. All tools & tackles, labours, equipments, vehicles, tractors, etc... to execute the contract are in the scope of the contractor. The contractor should ensure that tools& equipments are in healthy condition.
- 2. The decision of the Engineer-in-charge shall be final and binding on the contractor for defining the terms and condition included in this contract.
- 3. If the work is not found satisfactory, Engineer-in-charge reserves the right to take suitable action.
- 4. Contractor shall depute Location/Package wise full time independent experienced site-in-charge and two nos. of independent site supervisors (each at Phase-1 Boilers and Phase-2 Boilers) at site. They shall co-ordinate with GIPCL engineer and shall bear overall responsibility of contract including joint measurement, billing etc. Such person shall function from site office of contractor at SLPP.
- 5. Contractor shall also nominate one safety supervisor at site and shall submit nomination of safety supervisor in writing before commencement of contract. Safety supervisor shall arrange small safety talk on every day morning or whenever required with all workers working under this contract. He shall coordinate with concern department's Engineer-in-charge on daily basis and report daily observations, tool-box talk records etc. The work shall not be allowed without deploying safety supervisor and a penalty equal to Rs. 1,000/- per day absent of safety supervisor shall be levied from Contractor.
- 6. Contractor shall strictly follow the existing work permit system of the GIPCL and any future revisions.
- 7. The contractor has to take EC insurance policy for their workmen. The contractor has to submit labor license and PF account number to the Engineer-in-charge before start the work.
- 8. The contractor has to do the job timely. GIPCL shall not compromise in delay. In case of delay of work without any valid reason, the GIPCL reserves the rights to carry out the work by deploying other agencies at the risk & cost of contractor with additional 15% overhead charges.
- 9. The scope against each activity mention in annexureB1,B2,B3 also cover receipt / transfer spare material from ware house, renewal of PTW on daily basis against work, removal of any scrap generated out of work executed as per instruction and procedure suggested by engineer incharge.
- 10. Contractor shall mobilize the resources as per need within the period of four hours. If the contractor fails to mobilize sufficient resources to complete the job in time, GIPCL will execute the job through other agency at the risk and cost of the contractor with additional 15% overhead charges.
- 11. Contractor should mobilize all resources for efficient & smooth execution of contract within seven days from the date of issue of Letter of Intent/Work Order.



- 12. The prices / item rates quoted shall remain firm till completion of the contract and any agreed extensions thereafter and shall not be subject to any escalation (only 5% escalation in the item rate will be considered for second year), idle charges for labor, machinery, overhead expenses etc... due to any reason whatsoever. No price escalation / idle charges shall be entertained due to delay in work on unavailability of work front, non-issue of work permit, holding of work permit for any reason, unavailability of contractor's supervisor, unavailability of contractor's safety supervisor, violation of safety rules, unsafe actby any of contractor's worker, negligence & ignorance of safety & quality instructions of GIPCL Engineer-in-charge or any other reason whatsoever.
- 13. Contractor must fulfill all the safety regulations and to take safety measures to avoid hazards. Contractor shall arrange all standard adequate healthy safety PPEs like but not limited to approved quality safety shoes& safety helmets, standard dust masks, safety goggles, etc... as required and shall use exclusively under this contract for all the time during working at specified locations failing which, the Engineer-in-charge may hold the work and will take necessary action including penalty as decided. If the contractor repeatedly violates safety rules/regulations (more than three successive incidents), Engineer-in-charge may take necessary action against the contractor, including appropriate financial penalty (Maximum of Rs. 1,000/- per incident per man-day and as per clause no.12) and/or termination of contract.
- 14. One or more jobs may be required to be done simultaneously and contractor shall mobilize additional resources accordingly.
- 15. Timely completion of all jobs and works shall be the essence of this Contract. Contractor should closely monitor each activities and complete the jobs as per the time given by and under the supervision of the Engineer-In-charge and shall ensure that sufficient manpower is deployed for the same.
- 16. The contractor has to complete the works as per the planning schedule and their respective supervisor has to interact with Engineer In Charge for PTW (Permit to work), work instruction, Return of permit.
- 17. The contractor has to submit daily reports showing work carried out with details of available manpower, resources etc.
- 18. Any job other than the listed jobs in work order shall be executed by the contractor on instruction from GIPCL and payment shall be made to the contractor on respective item rate only.
- 19. The Government of India has enacted the Micro, Small and Medium Enterprises Development Act, 2006 (the "Act") and the Act has come into force from October 2, 2006. The Bidder shall confirm whether your organization is registered under the Micro, Small and Medium Enterprises Development Act, 2006. If your organization is registered under the Act, please specify the category i.e., Micro Enterprise, Small Enterprise or Medium Enterprise under which it is registered and kindly attach a copy of your registration certificate.
- 20. The Bidder shall provide details of registration along with copy of the registration certificate issued by the District Industries Centre/Department of Industries, etc of the respective State Government. It is to be noted that large scale industries and trading firms have been excluded from the purview of the Act.
- 21. GIPCL is an ISO 9001, ISO 14001, OHSAS 18001 & ISO 50001:2011 (EnMS) certified company, and GIPCL gives extreme importance to maintain these global standards. Contractor shall be required to observe these standards while working with GIPCL. Contractor should ensure that his workmen/labour work in accordance with them.



19. <u>CONTRACTOR'S SUPERVISION</u>

The contractor shall, during the whole time the work is in progress, employ a qualified experienced site-in-charge of the works with adequate experience in handing of jobs of this nature and with the prior approval of the GIPCL / ENGINEER. Such in-charge shall be constantly in attendance at the site during working hours. During CONTRACTOR'S supervisory engineer absence during working hours, if unavoidable, and also beyond working hours, when it may be necessary to give directions, orders may be given by the ENGINEER / GIPCL and shall be received and obeyed by the CONTRACTOR'S superintendent or Foreman who may have charge of the particular part of the work in reference to which orders are given. If requested to do so, the ENGINEER /GIPCL shall confirm such orders in writing. Any directions, instructions or notices given by the ENGINEER / GIPCL to him, shall be deemed to have been given to the CONTRACTOR. The representative of the CONTRACTOR shall have all necessary powers to receive materials from the GIPCL, issue valid receipts for the same, engage labour or purchase materials and proceed with the work as required for speedy execution.

None of the CONTRACTOR'S Superintendents, engineers, supervisors or labour should be withdrawn from the work without due notice being given to the GIPCL / ENGINEER; further no such withdrawals shall be made if in the opinion of the GIPCL / ENGINEER such withdrawals will jeopardize the required pace of progress / successful completion of the work.

The CONTRACTOR shall employ in or about execution of the work only such persons as area careful, skilled and experienced in their respective trades, and the GIPCL shall be at liberty to object to and require the CONTRACTOR to remove any person employed by the CONTRACTOR in or about execution of works who in the opinion of the ENGINEER misconducts himself or is incompetent or negligent in the proper performance of his duties and all such persons shall not again be employed upon the works without the prior permission of the GIPCL.

Neither the CONTRACTOR and the PURCHASER nor the ENGINEER shall hire or employ any employee of the other party except by mutual consent.

20. <u>CONTRACTOR TO REMOVE ALL OFFENSIVE MATTER IMMEDIATELY AND</u> <u>CLEAN-UP.</u>

All loose materials, wastage, packing materials, cut pieces or other matter of an offensive nature shall not be deposited on the surface, but shall at once be carted away by the CONTRACTOR to some pit or place provided by him away from the site of work and approved by local authorities.

As a part of the work included in this contract, the CONTRACTOR shall completely remove and satisfactorily dispose of all temporary works to the extent directed. He shall tear down and dispose of all temporary works, shall remove or grade, to the extent directed, all plant and equipment, shall satisfactorily dispose off all rubbish resulting from the operations under this contract and shall do all



work necessary to restore the territory embraced within the site of his operations to at least as good order and conditions as at the beginning of the work under this contract.

21. FACILITIES TO BE PROVIDED BY GIPCL

- **A.** The Company shall provide the following facilities to the Contractor at the site:
- a. Electricity & water at nearest available one point. Further distribution to be done by contractor at their cost.
- b. Quarter(s) for supervisor/ engineers on chargeable basis in GIPCL's township at discretion of GIPCL if available.
- c. Workshop facility as available at site only. However contractor may visit the workshop to ensure the existing facility. For the facilities other than available, contractor has to carry out the job outside at their own cost.
- d. Site office shall be provided at site.
- e. First aid facilities as available on chargeable basis.

Apart from the above, no other facilities shall be provided by GIPCL.

B. GIPCL shall also conduct an orientation program appraising the workmen regarding the safety norms and measures to be observed during work operations at the plant site.

22. WORK MEASUREMENT/CERTIFICATION

- a. The work to be performed being a specialized nature, the contractor should be fully conversant with modern practices and should be able to carry out works independently of large thermal power plant. The contractor shall therefore be required to engage qualified/ experienced personnel to undertake the work as per specifications and requirement.
- b. Contractor should maintain one computer with printer for keeping daily records and maintain the data.
- c. The Contractor shall be required to furnish satisfactory job completion report to GIPCL. The submission of report should be on daily basis, the monthly bill payment shall be released based on the certified reports of the works.
- d. Inspection of work will be done by Engineer in Charge or his authorized representative. If the work is not found satisfactory engineer in charge reserves the right to take suitable action and shall be binding to the contractor.

23. PUBLIC HOLIDAYS

The Contractor shall be responsible for giving benefit to all his employees, employed in whatsoever capacity, 09 Public/Paid holidays and the same shall be notified in advance and due communication thereof shall be made to the Management.

24. <u>BENEFIT PAYABLE IN CASE OF ACCIDENT OCCURRING OUTSIDE</u> <u>PREMISES OR BEYOND THE COURSE OF EMPLOYMENT</u>

The Contractor shall provide an insurance coverage (Medical + Death Benefit) for sum of Rs. 01/-Lakh to all his workmen/labour deployed at GIPCL-SLPP site for



the accident taking place anywhere outside the Company premises or at any place when the workman is not in course of his employment.

25. FORCE MAJEURE

The performance of the obligations herein contemplated may be suspended without incurring the penalty in the event of the subsistence of Force Majeure conditions.

If a Force Majeure situation arises, the affected Party shall promptly notify the other Party in writing of such conditions and the performance shall be suspended as per mutual agreement.

For the purposes of this clause, 'Force Majeure' means an event beyond the control of the Party and not foreseeable by the Party and shall include events of floods, explosions, riots, wars, hurricane, epidemics, any other Act of God, quarantine restrictions, terrorism, government actions and provided always that such acts result in the impossibility of the further performance of the contract.

26. <u>INDEMNITY</u>

The Contractor shall indemnify and keep harmless GIPCL from and against all actions, proceedings, claims, demands, losses, costs, damages and expenses whatsoever which may be brought against or suffered by GIPCL which it may sustain, pay or incur as a result of or in connection with the performance/ purported performance/ non-performance of the contract by the Contractor.

In case, in any litigation pertaining to labour employed through contractor if any direction or order is issued by court at any point of time the contractor shall comply with and implement such direction or order whether passed at the time of award of contract or during the pendency of contract. Further, the Contractor shall indemnify the GIPCL against all consequences arising and affecting GIPCL owing to the compliance of the orders by the Contractor.

27. GOVERNING LAW AND JURISDICTION

This tender document and contract shall be governed by the laws of India and the Courts at Surat shall have jurisdiction regarding the same.

28. Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Condition of Contract, then unless a different intention appears, the provision of the Special Conditions of Contract shall prevail to the extent of such repugnancy of variance.



SECTION-D SPECIAL CONDITIONS OF CONTRACT

1. DETAIL SCOPE OF WORK

- 1.1 The scope of work covers total mechanical maintenance activities Viz. Predictive, preventive, breakdown ,Short shutdown , AOH/COH etc. on a per item rate basis mentioned in ANNEXURE A1 & B1(For UNIT 1&2-Phase-1), A2 & B2 (For UNIT 3&4-Phase-2) for the 4 x 125 MW Unit Boiler & its auxiliaries. There are Two CFBC Boilers of 390 TPH capacities in Phase-1 and Two CFBC Boilers in Phase-2 having capacity of 405TPH. Details of the equipment are mentioned in the Annexure-N.
- 1.2 The details of scope of work with technical activity estimate sheet is attach separately as annexure as mentioned below:
 - 1. Annexure- A1 & B1, (For UNIT 1&2-Phase-1).-Attached separately
 - 2. Annexure- A2 & B2, (For UNIT 3&4-Phase-2).-Attached separately
- 1.3 The bid submitted by the bidder not covering the total scope of work and services as detailed out in the tender document shall be liable for rejection.
- 1.4 Quantum of job mentioned against all items in the price bid are indicative only & may vary as per site requirement & not to be construed as maximum or guaranteed quantity. The quantities shown in the price bid are approximate quantities for the contract period and they may vary as per job requirements.
- 1.5 All the miscellaneous activities pertaining to specific work to be executed for satisfactory performance is in the scope of contractor in his quoted rates.

2. <u>GENERAL INSTRUCTIONS</u>

- 2.1 The Bidders who are interested in participating in the tender must read and comply with the instructions and the terms and conditions contained in the tender documents.
- 2.2 The bids shall be filled in by the tendered clearly, neatly and accurately. Any alteration, erasures or over-writing would be liable to make the tender invalid unless the same is neatly carried out and attested over the full signature of tenderer. The decision of the Company to interpret the information and rates filled in by the tenderer shall be final and binding on the bidder.
- 2.3 The Bidders are requested to make themselves fully conversant with the General Conditions of Contract, Special Conditions of Contract, Technical Specifications, site conditions, safety and health aspects and norms to be observed, etc. while submitting their bids so that no ambiguity arises in these respects subsequent to submission of the Bids.
- 2.4 Before quoting the rates, the Bidder should go through the specifications, scope of work etc. and get himself fully conversant with them. The bid should include cost of mobilization and cost to adhere to all safety norms as described in the tender. No



relaxation or request for revision of quoted/accepted rates shall be entertained subsequent to the opening of bid on account of mobilization or Safety costs.

- 2.5 Bidder has to quote for both Phase I & Phase II. Bids received for only one phase shall not be considered. However, GIPCL reserves the rights to allot all the four units' work to a single bidder or GIPCL may split the contract between two parties, phase-1 and phase-2 work separately as it may deem appropriate. In case of splitting of the contract between two parties, the L2 bidder shall match the rate with L1 bidder.
- 2.6 Bidder has to submit all the information and details required in the bid document. Failure to furnish all the information as per required bid documents or submission of a bid containing deviations from the contractual terms and conditions, specifications and requirements shall be rejected.
- 2.7 The bids shall be submitted within the time frames set out in the Notice Inviting Tender ('**NIT**') and bids submitted thereafter shall not be accepted and considered.
- 2.8 The tender documents shall not be transferable.
- 2.9 The Bidders are expected to examine all instructions, forms, terms and specifications in the bid documents and to get fully acquainted themselves with all the conditions and matters which may affect the subject matter of the work/tender or the cost thereof. If any Bidder finds any discrepancies or omissions in the specifications and documents or any doubt in true meaning or interpretation of any part, he shall seek necessary clarifications in writing or during pre bid meeting if required.
- 2.10 Conditional offers shall not be considered and liable to be rejected.
- 2.11 The Company reserves the right to extend the deadlines for submission of the bids by giving amendments.
- 2.12 A Pre Bid meeting will be organized by the Company before the last date & time for submission of bids at GIPCL SLPP. Bidders or his authorized representative should attend the pre-bid meeting. Bidders may seek any clarifications from the Company on their written request regarding the tender document.
- 2.13 During evaluation of bids the Company may, at its discretion ask the bidder (s) for clarification of their bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.
- 2.14 The Company reserves the right to amend/ modify the bidding documents at any time prior to the deadline for submission of bids, either at its own discretion or in response to the clarification requested by a prospective Bidder. In such case, the Company may in its discretion extend the deadline for submission of bids in order to facilitate the prospective Bidders for incorporating the effect of the amendment in their bids.
- 2.15 The Bidders shall bear all costs and expenses associated with the preparation and submission of their respective bids, to attend meetings or conferences, if any, including any pre award discussion with the successful Bidder, technical and other presentations, etc. and the Company shall not be liable for any expense thereof.
- 2.16 If the successful Bidder is a joint venture, formed of two or more companies, the bidder along with the partners shall accept joint and several responsibilities and liabilities for all obligations under the Contract.
- 2.17 Timely and satisfactory completion of the work and strict adherence to the allotted time frames for jobs shall be the essence of the contract.
- 2.18 The Company reserves the right to qualify/disqualify any applicant without assigning any reason.
- 2.19 The Bidder shall be disqualified if any untrue statement or misrepresentation is made in the bid forms, attachments and other supporting documents submitted by the Bidder.



3. FACILITIES TO BE PROVIDED BY GIPCL

A. The Company shall provide the following facilities to the Contractor at the site:

- (i) Electricity & water at nearest available one point. Further distribution to be done by contractor at their cost.
- (ii) Quarter(s) for supervisor/ engineers on chargeable basis in GIPCL's township at discretion of GIPCL if available.
- (iii) Workshop facility as available at site only. However contractor may visit the workshop to ensure the existing facility. For the facilities other than available, contractor has to carry out the job outside at their own cost.
- (iv) Site office shall be provided at site.
- (v) First aid facilities as available on chargeable basis.

Apart from the above, no other facilities shall be provided by GIPCL.

B. Items/services to be provided by GIPCL free of cost.

- (i) Spares
- (ii) Lubricants

The Contractor has to collect above items from GIPCL stores/warehouse and shifting arrangement has to be made by Contractor at his own cost. Contractor shall give report/ reconciliation of the issue of materials drawn.

C. GIPCL shall also conduct an orientation programme appraising the workmen regarding the safety norms and measures to be observed during work operations at the plant site.

4. TERMS OF PAYMENT

A. Conditions of Payment:

The contractor shall raise the invoice in duplicate every month in respect of the work performed or completed during the month along with the documents as hereinafter provided. On receipt of the invoice complete in all respects and with all the said documents, the payment in respect of the same shall be made within 21 days of such receipt of a complete invoice as per the following terms of payment:

- (i) 100% of monthly RA bill along with 100% taxes shall be released against the work executed duly certified by GIPCL. Income Tax (IT) will be deducted at source from monthly RA bills as per the rules in force.
- (ii) Service tax shall be paid along with bills after fulfillment of following terms.
 - (a) Submission of copy of registration certificate issued by Service Tax Authority (to be furnished only once).



- (b) Citing the service Tax Registration no. And the date of issue of registration certificate on invoices.
- (c) Claim of Service Tax amount with percentage (%) separately shown on the invoices.
- (d) The contractor shall be required to submit the proof of payment of service tax of previous month/quarter, as may be applicable as & when demanded by GIPCL/Owner/company.
- (e) The Bidder shall inform the Owner in the event of its registration certificate is cancelled or discontinued for whatsoever reason.
- (iii) At the time of submission of the first monthly RA Bill, the Contractor shall submit a certificate from Engineer-in-charge regarding availability of minimum tools and tackles at site as per list attached in the tender document (i.e. ANNEXURE-D). The Contractor shall also furnish the checklist as per ANNEXURE-E enclosed with the tender document along with the RA bill of respective month.
- (iv) The contractor along with monthly RA Bill shall submit copy of P.F. Challan, Xerox copies of wages register of previous month, Xerox copies of attendance sheet of respective month & copy of ECR statement indicating the employee and employer's P.F contribution of previous month with respect of employees employed by him for the contract at GIPCL site.
- (v) The Contractor shall submit his Final Bill within a period of three months of the expiration or earlier termination of the contract or any extensions that may be granted by GIPCL to the Contractor. GIPCL shall not entertain any bill for any work item after expiration of period of three months.
- (vi) The Contractor shall include all his claims in the Final Bill submitted by him and accordingly the final bill submitted by the Contractor shall be deemed to be inclusive of all and whatsoever the claims that the Contractor may have from GIPCL. The Contractor shall not be entitled to claim any amounts which are not mentioned in the Final Bill and the Contractor shall be deemed to have waived any claims not mentioned in the Final Bill and shall not be entitled to recover the same from GIPCL subsequent to the submission of the Final Bill on any account and GIPCL shall stand absolved of all its liabilities in respect of any such claims not raised by the Contractor in his Final Bill.

At the time of submission of Final/Last RA bill, the Contractor shall submit an indemnity bond acknowledging the receipt of all the due amounts and indemnifying GIPCL from and against all claims in that regard

B. Validity and Uniformity of Rates

The rates shall be valid for a period of two years of the Contract Period and shall remain unaltered during the first year of the Contract Period and 5 % escalation will be considered for second year

C. Deductions from Contract Price

All costs, charges or expenses payable by the Contractor under the terms of the contract or as per the applicable laws, in respect of which he makes default in payment, shall be the liability of the Contractor. Such amount or due may be paid by the Company and the Company shall be entitled to recover the same from the Contractor by deducting the said amounts from the Contractor's monthly RA bills.

5. <u>Scope of the Party:</u>

1. All tools and tackles to execute the contract are in the scope of the contractor. The contractor should ensure that tools are in healthy & working condition.



- 2. All consumable items i.e. cloth, cotton waste, kerosene, gases (Oxygen, D/A, Argon), welding electrode, grinding and cutting wheels, emery papers, Lighting appliances etc. would be in the scope of the contractor.
- 3. All safety / PPEs required at site during the work are to be arranged by contractor.
- 4. The contractor to provide necessary facilities including accommodation of their labour at their cost.
- 5. The Contractor has to collect Spares and lubricants from GIPCL stores/warehouse and shifting arrangement has to be made by Contractor at his own cost.
- 6. The contractor has to arrange hydra and tractor for lifting/shifting the heavy items on their own. M/S. GIPCL will provide hydra and tractor on chargeable basis subject to availability.

6. <u>OTHER CONDITIONS</u>

- a. Timely completion of all jobs and works shall be the essence of this Contract. Contractor should closely monitor each activities such as preventive maintenance, break down and annual shutdown jobs and complete the jobs as per the time given by and under the supervision of the Engineer-Incharge and shall ensure that sufficient manpower is deployed for the same.
- b. The contractor has to complete the preventive maintenance (PM) as per the planning schedule and their respective supervisor has to interact with Engineer In Charge for PTW (Permit to work), work instruction, Return of permit and successful trial run. Contractor must carry out the Preventive maintenance jobs as per the equipment survey sheet (ESS) provided by the GIPCL, also after completion of the PM jobs, this ESS sheet is to be submitted duly signed to Engineer in charge.
- c. The contractor has to submit daily reports showing maintenance work carried out spare parts/ consumables etc. replaced.
- d. The contractor has to do quality job. GIPCL shall not compromise in quality. In case of poor quality of work the contractor may be asked to rework the job at free of cost.
- e. Any job other than the listed jobs in work order shall be executed by the contractor on instruction from GIPCL and payment shall be made to the contractor as per ANNEXURE-C/B3.
- f. The Government of India has enacted the Micro, Small and Medium Enterprises Development Act, 2006 (the "Act") and the Act has come into force from October 2, 2006. The Bidder shall confirm whether your organization is registered under the Micro, Small and Medium Enterprises Development Act, 2006. If your organization is registered under the Act, please specify the category i.e., Micro Enterprise, Small Enterprise or Medium Enterprise under which it is registered and kindly attach a copy of your registration certificate.



The Bidder shall provide details of registration along with copy of the registration certificate issued by the District Industries Centre/Department of Industries, etc of the respective State Government. It is to be noted that large scale industries and trading firms have been excluded from the purview of the Act.

g. **GIPCL** is an ISO 9001, ISO 14001, OHSAS 18001 & ISO 50001:2011 (EnMS) certified company, and GIPCL gives extreme importance to maintain these global standards. Contractor shall be required to observe these standards while working with GIPCL. Contractor should ensure that his workmen/labour work in accordance with them.

7. DEFECT LIABILITY PERIOD

The Contractor shall stand guarantee for any defect found in the works done within a period of 3 months from the date of work and shall re-do or repair the same free of cost.

8. INTERPRETATION CLAUSE

In case of any dispute with regard to the interpretation of any of the provisions of this document or to the due performance in accordance with the contract terms, the decision of AGM (SLPP), GIPCL will be final and binding.

9. BREAKDOWN OF THE PLANT

In the event of breakdown of the plant leading to a likely shut down of the plant for more than one month, the following shall be applicable:

- a. GIPCL shall give a Fifteen days' notice to the contractor intimating about the breakdown of the plant and the estimated time of shut down with a direction for demobilization of the contractor's staff from the GIPCL plant site.
- b. Full payment shall be made for a period of first month and a prorata basis payment for further period of demobilization staff shall be made thereafter.
- c. During the period of one month when the plant will be under shutdown & rendered idle, GIPCL will have right to utilize contractor's services at any other places within GIPCL sites as deemed fit by GIPCL.
- d. Contractor shall not be eligible for any compensation for demobilization and remobilization during this period.
- e. A 15 days' notice intimating the re-commencement of the plant will be given to the contractor for remobilization of his staff and resources.

10. <u>PENALTY AND RECOVERY</u>

- a. In the event of undue delay in performance or the performance is unsatisfactory causing damage to the plant and property of GIPCL, then in such a case, GIPCL (Engineer-In-Charge) shall be entitled to levy a penalty on the Contractor at the rate of 1.5 times of the item rate upto a maximum of 10% of the total contract value. The said penalty amount may be recovered either from the monthly bills or the SD.
- b. However, the total amount of penalty recoverable from the Contractor shall be restricted to 10% of the contract value.
- c. In addition to and without prejudice to the above, GIPCL shall also have the right to get the affected work completed by a third party or agency at the risk and cost of the Contractor alongwith 15% supervision charges and the Contractor shall be liable for payment of any differential amount in the contract price.
- d. Any damage caused to the equipment or machinery on account of the negligence on the part of the Contractor or due to any other reasons attributable to the Contractor, shall be recovered by the Owner/GIPCL from the Contractor.



- e. The ascertainment of the cause of the damage shall be done by the AGM (SLPP) and his decision in this regard shall be final & binding to the contractor.
- f. The decision of the Engineer-In-Charge as regard the amount of damages to be recovered from the Contractor shall be final.
- g. The aforesaid amounts of penalty and damages shall be recoverable from the monthly bills of the Contractor or the SD. If the amount of damages recoverable from the Contractor exceeds the bills and SD amount, then the Contractor shall become liable to pay the same to GIPCL and GIPCL shall be entitled to initiate appropriate proceedings against the Contractor for the same.

11. MEASUREMENT & DAILY REPORTS

The measurement will be as per specified in respective item description.

- 11.1 Contractor should maintain one computer ,printer and internet connection for keeping daily records and maintain the data. Contractor must provide separate site e mail ID to M/s GIPCL for day to day site communication and instruction.
- 11.2 The Contractor shall be required to furnish satisfactory job completion report to GIPCL. The submission of report should be on daily basis in physical form and soft form/pdf (on next day for whole day against applicable service clause code), the monthly bill payment shall be released based on the certified reports of the works.
- 11.3 Inspection of work will be done by Engineer in Charge or his authorized representative. If the work is not found satisfactory engineer in charge reserves the right to take suitable action and shall be binding to the contractor.
- 11.4 Contractor should maintain proper documentation for all activities against execution of contract as per instruction of engineer in-charge and submit report in prescribed / pre define format (like material issued report: yearly/monthly, oil top-up matrix, scrap note report, material return report, break down report, summary / extract data from report, AOH planning, BTL planning, short shutdown planning, forced outage planning, resource planning, AOH/BTL/SSD/FSD report, Work execution history against each equipment etc..) as per operating frequency of report or as and when required by GIPCL Engineer incharge.

Wherever any dispute regarding mode of measurement arise, the decision of the Engineer-in-charge shall be final and binding to the contractor.



SECTION – E (Schedule of Quantities and Rates) [Price-ANNEXURE/ Price Schedule-Refer Annexure B1,B2 & B3 for detail schedule]

Pri	ce Annexure: Schedule of Price Break up for	BMC of	Boiler & Auxiliary for Phase	-1 & Phase-2-Year 2017-19		
Part No.	Description		Total Cost as per Annexure A1& B1 for Phase-1 for two years	Total Cost as per Annexure A2 & B2 for Phase-2 for two years		
	Refer Annexure		Annexure A1/B1	Annexure A2/B2		
Α	Pressure Parts	Rs.	16489046	11963106		
В	SA Fan / PA fan	Rs.	692670	855006		
С	ID Fan	Rs.	431682	373976		
D	Lube Oil Units & Scanner Air Fan	Rs.	227626	232474		
Е	Blowers	Rs.	944088	912468		
F	Bed Ash Conveying System	Rs.	3546108	3493756		
G	Lignite / Limestone Feeding System	Rs.	7369254	4735406		
Н	E.S.P.	Rs.	1085000	1226166		
Ι	Duct/Damper/NMEJ/MEJ	Rs.	4355134	4952150		
J	Fuel Firing System.	Rs.	467524	701652		
К	Valves	Rs.	894994	1048856		
L	Soot Blower	Rs.	1521478	1779962		
М	Fuel Oil Handling	Rs.	211484	129420		
Ν	Emergency Boiler Feed Pump	Rs.	120402	129162		
0	Hoist	Rs.	76276	193992		
Р	External Cleanings	Rs.	477786	477786		
Q	Vortex Finder	Rs.	3369594	3369594		
Row1	Total Cost for both year	Rs.	42280146	36574932		
Row2	Total Cost for First year (50% of Row1)	Rs.	21140073	18287466		
Row3	Total Cost for Second year (Row1-Row2)	Rs.	21140073	18287466		
Row4	Escalation on Total Cost Second year (5% on Row3)	Rs.	1057004	914373		
Row5	Total 2nd Year cost including Escalation (Row{3+4})	Rs.	22197077	19201839		
Row6	Final Total cost before Service charge & service tax(Row1+5)	Rs.	43337150	37489305		
Row8	Grand Total Estimated cost (Rounded off)	Rs.	8,0	8,26,455		
Row9	Unforeseen Cost Estimation for Two year	Rs.	20	00000		
	Refer Annexure		Ann	exure B3		
Row10	Unforeseen Cost Estimation for First year (50% of Row9)	Rs.	1000000			
Row11	Unforeseen Cost Estimation for Second year (Row9- Row10)	Rs.	1000000			
Row12	Escalation on Unforeseen Cost Second year 5% on Row11	Rs.		50000		
Row13	Total 2nd Year cost including Escalation Row{11+12}	Rs.	10	050000		
Row14	Final unforeseen cost before Service charge & service tax Row10 + Row 13	Rs.	20	2050000		
Row15	Grand Total Estimated cost (including unforeseen -Rounded off Row{8+14})	Rs.	8,2	8,76,455		



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Row15	Grand Total Estimated cost (including unforeseen -Rounded off Row{8+14})	Rs.	8,28,76,455
Row16	Service Charges/Profit [To be Quote as Percentage on "Sum of all cost-i.e.8,28,76,455" by Vendor in online price bid only]	%	+X/-Y_%
Row17	Total before tax [Row15 + X or (-Y)% of Row15]	Rs.	[Row15 + X or (-Y)% of Row15] =Rs
Row18	Applicable taxes [15% of Row 17]		_15_% (Prevailing tax: 15% service tax)
Row19	Final Contract value including taxes		(Row17 + Row18)=Rs.

Note:

We have quoted ___X___% above the estimated rates as service charge.
 We have quoted ___Y___% below the estimated rates as service charge.

or

- Quoted __X/Y__ % will be applicable to each activity on (estimated rates) clause mention in Annexure B1 & B2 for both years. After loading service charge in each activity, the rates are rounded off in multiplication of 1.
- Final Quoted rates amounts to Rs. _____(In words: Rs.
- Price & rates quoted above shall include cost of all consumables (except free issue materials by GIPCL) labor, supervision, tools and tackles, transport etc. and such other cost are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work.
- For all detail annexure B1 & B2 & B3 the payment shall be made as per actual execution of activities mentioned in above annexure.
- The service tax shall be paid extra at actual, if applicable. Rate of service tax to be clearly mentioned. Any changes in rate of the statutory levy or imposition of new levy shall be paid extra. The bidder shall clearly mention whether they attract any service tax or not in techno-commercial bid itself.
- Rate quoted by contractor shall be valid for 180 calendar days from the last date of submission of bids.

COMPANY SEAL

SIGNATURE
NAME
DESIGNATION
COMPANY
DATE
P A A

Price Annexure is to be read with following annexure/instruction:

• Annexure A1 & B1: Details of scope of work with Biannual quantities and its estimated rates of first year for Phase-1 (For UNIT 1&2).-Attached separately.

 \rightarrow Price schedule/summary inline with Price Annexure is given in Annexure-A1 for Phase1.

 \rightarrow Details of scope of work with annual quantities and its estimated rates of first year is given in Annexure-B1 for Phase-1.

 Annexure A2 & B2: Details of scope of work with annual quantities and its estimated rates for Phase-2 (For UNIT 3&4).-Attached separately.

 \rightarrow Price schedule/summary inline with Price Annexure is given in Annexure-A2 for Phase2.

 \rightarrow Details of scope of work with Biannual quantities and its estimated rates of first year is given in Annexure-B2 for Phase-2.

- Quantities mentioned in annexure B1 & B2 are binnual quantities.
- If quantities mentioned against each activity are observed to be zero, that particular clause is usually not applicable for that particular Phase. If in case activity needs to perform in that phase, rate with service charge/profit quoted is applicable for that activity too.
- The payment shall be made as per actual execution of activities mentioned in annexure B1 & B2
- For first year work order rate/quoted against each activity also subject to "VARIATION IN MINIMUM WAGE RATE-Clause No. 28 of SECTION-A
- For Second year work order rate/quoted against each activity will also subject to "VARIATION IN MINIMUM WAGE RATE"-Clause No. 28 of SECTION-A



1.0 Price-ANNEXURE (Refer Section-E)

- 2.0 ANNEXURE-A1 & B1: Details of scope of work with technical activity estimate sheet for Phase-1 (For UNIT 1&2).-Attached separately, Refer "MAIN ANNEXURE"
- **3.0 ANNEXURE-A2 & B2:** details of scope of work with technical activity estimate sheet for Phase-2 (For UNIT 3&4).-Attached separately, Refer "MAIN ANNEXURE"
- 4.0 ANNEXURE-C (below-refer along with Annexure B3 & notes) & Annexure B3-Attached Separately Refer "MAIN ANNEXURE"

Schedule of Manpower rates for executing the jobs which are not covered in item rate/Annexure A1, B1, A2, B2.

Manpower	Туре	Rate Per Day (Normal Day)	Rate per hour (OT Hours)
Special Skilled Manpower	Mill Right fitter , IBR Welder	1000	250
Skilled Manpower	Piping fitter, Structural fitter, Mechanical fitter	800	200
Semi skilled Manpower	Welder, cutter, Rigger, grinder, Refractory breaker operator, Painter, Electrician	760	190
Un skilled Manpower	Helper etc	700	175

Note 1: Rates as given above shall include cost of all manpower, Vehicle, equipment consumables (except free issue materials by GIPCL) labor, supervision, tools and tackles, transport, Safety and statutory compliance, mobilization, Contingency expenditure and supervision charges etc. and such other cost are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work.

Note: (1) For First Year, Percentage quoted by the parties shall also remain applicable on this rate also. (2) For Second year, Rate applicable will escalated by 5% of first year Work order rate.(3) Variation in minimum wage rates (as per SECTION-A / INSTRUCTIONS TO BIDDERS) is also applicable to above.

COMPANY SEAL	SIGNATURE
	NAME
COMPANY	DESIGNATION DATE



5.0 ANNEXURE -D

LIST OF MAINTENANCE TOOLS AND TACKLES (TENTATIVE)

Sr. No.	Description	Quantity for Phase-I (No.)	Quantity for Phase-II (No.)
1.	400 AMP. WELDING RECTIFIER/ GENERATORS / TRANSFORMER	6	6
2.	CUTTING TORCH WITH HOSE PIPE AND REGULATOR	4	4
3.	STEEL TAPE-2 MTR TO 5 MTR	4	4
4.	D/E SPANNER COMPLETE SET	4	4
5.	RING SPANNER COMPLETE SET	4	4
6.	BOX SPANNER COMPLETE SET	1	1
7.	SLING WITH HOOK CHUCK 5T	3	3
8.	PULLEYS, SINGLE WAY	2	2
9.	ALLEN KEYS COMPLETE SET	4	4
10.	PLUMBS	4	4
11.	MAGNETIC DRILL MACHINE WITH BITS	1	1
12.	PIPE WRENCH/DIFFERENT SIZES	6	6
13.	PULLER	4	4
14.	INSIDE/OUTSIDE CALIPERS	4	4
15.	INSIDE OUTSIDE MICROMETER	2	2
16.	VERNIER CALIPERS	4	4
17.	TRISQUARE	6	6
18.	D SHACKLE –1 MT, 2 MT, 3 MT, 5 MT, 10 MT	10	10
19.	WIRE ROPE SLING OF DIFFERENT SIZES	6	6
20.	PULLEY	8	8
21.	WOODEN SLEEPER	20	20
22.	MECHANICAL JACK 25 MT	4	4
23.	HYDRAULIC JACK 50 MT(HOLLOW TYPE)	2	2
24.	MECHANICAL JACK 5 MT	4	4
25.	BENCH VICE	2	2
26.	GRINDING MACHINES WITH FLEXIBLE SHAFT	6	6
27.	ANGLE GRINDING MACHINE AG7	4	4
28.	STRAIGHT GRINDING MACHINE GQ4	2	2
29.	HYDRAULIC PIPE BENDING MACHINE OF DIFFERENT SIZES	2	2
30.	SPIRIT LEVEL	4	4
30.	MASTER LEVEL	4	4
32.	MASTER ELVEL MECHANICAL SCREW DRIVER OF VARIOUS SIZE	10	10
33.	DIAL GUAGE WITH MAGNETIC STAND	4	4
33. 34.	FEELER GUAGE	4	4 4
34. 35.	GREASE GUN –CAP. 1 LTR, 5 LTR, 10 LTR	6	6
35. 36.	SCAFFOLDING	3000 M ³	3000 M ³
30.		3000 101	3000 101

Contd...2



Sr. No.	Description	Quantity for Phase-I (No.)	Quantity for Phase-II (No.)
37.	HAMMER –4 LBS, 10 LBS, 20LBS	20	20
38.	TURN BUCKLE	10	10
39.	MANILA ROPE OF DIFFERENT SIZES	10	10
40.	CHAIN PULLEY BLOCK-1 MT, 2 MT, 5 MT	6	6
41.	TUBE BENDER	1	1
42.	PULL LIFT 3 MT, 5 MT	4	4
43.	ELECTRODES DRYING OVEN	4	4
44.	HACKSAW	10	10
45.	SCREW DRIVE COMPLETE SET	10	10
46.	WIRE CUTTER	10	10
47.	SHIM CUTTER	2	2
48.	HAND LAMP	10	10
49.	STEP DOWN TRANSFORMERS (24 VOLT)	2	2
50.	ARGON WELDING SET WITH CYLINDERS	3	3
51.	WELDING LEAD OF 100 METER LENGTH EACH	4	4
52.	INNER CIRCLIP PLIER BIG/SMALL	2 EACH	2 EACH
53.	OUTER CIRCLIP PLIER BIG/SMALL	2 EACH	2 EACH
54.	BRASS BAR OF DIFFERENT SIZE	4	4
55.	CABLE FOR LIGHTING 100 METER LENGTH	10	10
56.	Chiesel of different sizes	4 sets	4 sets



6.0 <u>ANNEXURE-E</u>

CHECKLIST FOR PASSING THE BILLS

1)	Work Order / P.O. No. & Contract value	:	For the mon	th of :		
2)	Nature of work	:				
3)	Duration of Work Order	:	From		to	
4)	Maxi. No. of manpower per day deployed in the month.	:	Μ	F	Total	
5)	Details of Labour License	:	Valid up to	Persons.		for
6)	Details of E.C Policy	:	Valid up to Persons.		for	
7)	Documents attached for verification for the previous month.	:	Wage & Atte	endance Sh	eets.	Yes/No
			P.F Challan			Yes/No
8)	Documents attached for verification (in case of Final Bill)	:			Yes/No	
		:	Leave wage	register		Yes/No
9)	Security Deposit / Retention Money lying with Co.	:	Yes / No if y	ves, Rs.		
Date :				•	ature of Co th official s	

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7.0 <u>ANNEXURE-F</u>

PROFORMA OF BANK GUARANTEE FOR ORDER PERFORMANCE

(To be Stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.....

Date

Bank Guarantee Cover period from to

То

M/s. GUJARAT INDUSTRIES POWER COMPANY LTD. At & Post Nani Naroli Taluka Mangrol Dist. Surat Gujarat-394 110.

Dear Sir,

In consideration of the Gujarat Industries Power Company Limited (hereinafter referred to as the Purchaser which expression shall unless repugnant to the context/or meaning thereof include its successors, administrators, and assigns) having awarded to M/s.....having its Registered Office/Principal Office (address) at (hereinafter referred to as the "CONTRACTOR" which expression shall unless repugnant to the context or meaning thereof include its successors, administrators, executors and Order by issue of Purchaser's Letter assigns) а of Intent No......dated.....and same having been unequivocally accepted by the CONTRACTOR datedvalued atfor (scope of order)and the contractor having agreed to provide a Order Performance Guarantee for the faithful performance of the entire order including for the quality of the materials and/or workmanship, successful commissioning and satisfactory performance of the equipments/system and satisfactory services rendered during the guarantee/warrantee period of Months under the said LOI/Order equivalent to.....*..... (Percent) of the said value of the order to the purchaser (Name & address of Bank) having its Head Office at (hereinafter referred to as the "Bank" which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors, assigns) do hereby irrevocably guarantee and undertake to pay the Purchaser, on written demand any and all moneys pavable by the CONTRACTOR to the extent of (in figures) (in words) as aforesaid at any time up to (days/months/year) **..... without any demur, reservations, contest, recourse or protest and/or without any reference to the CONTRACTOR. Any such demand made by the Purchaser on the bank shall be conclusive and binding notwithstanding any difference between the Purchaser and CONTRACTOR of any dispute pending before any Court, Tribunal, Arbitrator or any other Authority.

....2



It shall be conclusive and enough for enforcement of the BANK GUARANTEE on the bank if GUJARAT INDUSTRIES POWER COMPANY LIMITED invokes the BANK GUARANTEE stating only that the default has been committed by the contractor, thus far and no further. The bank undertakes not to revoke this guarantee during its currency without previous written consent of the purchaser and continue to be enforceable till the Purchaser discharges this guarantee.

The Purchaser shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the Order by the CONTRACTOR. The Purchaser shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the CONTRACTOR, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied in the Order between the Purchaser and the CONTRACTOR or any other course of or remedy or security available to the Purchaser. The Bank shall not be released of its obligations under these presents by any exercise by the Purchaser of its liberty with reference to the matter aforesaid or any of them or by reason or any other acts of omission or commission on the part of the Purchaser or any other indulgence shown by the Purchaser or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank. The Bank also agrees that the Purchaser at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the CONTRACTOR and notwithstanding any security or other guarantee that the Purchaser may have in relation to the CONTRACTOR's liabilities.

Notwithstanding anything contained herein above our liability under this Guarantee is restricted to Rs...... and it shall remain in force up to the includingunless a written demand to enforce any claim under this Guarantee is lodged with us before expiry date, the Bank will be discharged from its liabilities under this Guarantee. This Guarantee shall be extended from time to time for such period or period as may be desired by the on whose behalf this guarantee has been given.

Signature

Banker's rubber stamp:

Name

Designation with Bank stamp:

Attorney as per power of Attorney No.

Dated:



8.0 ANNEXURE-G

PROFORMA FOR BANK GUARANTEE FOR EMD

(To be stamped in accordance with Stamp Act)

Ref

Bank Guarantee No.....

Date

Guarantee cover period: FromTo

То

M/s. Gujarat Industries Power Company Limited At & Post – Nani Naroli Taluka: Mangrol Dist.Surat-394 110

Dear Sirs,

As an irrevocable bank Guarantee against Bid guarantee for an amount of Rs...... valid for one (1) year from is required to be submitted by the Bidder as a condition precedent for participation in the said Bid, which amount is liable to be forfeited on the happening of any contingencies mentioned in the Bid Documents.

We, the Bank at, having Head Office at (local address) our Guarantee and undertake to pay immediately on written demand by Gujarat Industries Power Company Limited (hereinafter called the "Purchaser") figures) (In (In words) without any reservation, protest, demur and recourse. Any such demand made by said "Purchaser" shall be conclusive and binding on us irrespective of any dispute or difference raised by the Bidder. It shall be conclusive and enough for enforcement of Bank Guarantee on the Bank if Purchaser invokes the Bank Guarantee stating only that the default has been committed by the Bidder, thus far and no further.

Contd....2



This Guarantee shall be irrevocable and shall remain valid up to if any further extension of this guarantee is required, the same shall be extended to such required period on receiving instructions from on whose behalf the guarantee is issued.

In witness there of Bank, through its authorized Officer, has set its hand and stamp on this day of 20 at

(Signature)

(Name)

Designation with Bank

Stamp:

Attorney as per Power of Attorney No.

Dated



9.0 ANNEXURE-H

PERFORMA CERTIFICATE (No claim, No arbitration)

To,

Addl. General Manager (SLPP) Gujarat Industries Power Company Limited, Surat Lignite Power Plant, Village: Nani Naroli, Ta. Mangrol, Dist. Surat – 394110 (Gujarat).

Dear Sir,

Subject:_____

Ref: Work Order No.:_____ Dated_____

We hereby confirm with free consent as under:-

- 1. The measurements certified in final bill is full and final. We accept all the certified measurements and no claim related to the measurement is left.
- 2. The payment certified in that or above referred Lol / contract is full and final. We accept this, and no claim related to payment is left.
- 3. The rates of the Lol / contract and its amendments are firm till completion of contract and extension period. We shall not claim any escalation against these rates.
- 4. Along with the contract referred, the ARBITRATION CLAUSE also perishes i.e. we will not resort to arbitration.
- 5. No extra items are left to be settled.
- 6. We do not have any claims against any item related to the LoI than those items certified in the bills.
- 7. We are accepting the recoveries or hold amount from our bills, if any, made by GIPCL against non compliance or as decided by GIPCL within terms & conditions of contract.
- 8. We have paid royalties, taxes for all the materials procured by us, for carrying out the works for above Lol and we indemnify GIPCL from any liability arising thereof.
- 9. In case of any disputes arising in future related to payment of royalties, all liabilities of settlement of dispute and its payment if any, will be borne by us.
- 10. We have paid wages to all the workmen who were deployed by us for carrying out above referred work as per prevailing Minimum wages act. We have also fulfilled all requirements of the P.F. Act. We have maintained all records necessary as per the statutory requirements. We hereby indemnify GIPCL from any disputes arising in future related to payment of labours, Provident Fund, etc.. and confirm that all liabilities of settlements of disputes and their payment is our responsibility.

The above confirmation will come into effect as soon as payment from final bill after due recoveries will be received by us.

For, M/S._____

Signature, Stamp and date.



10.0 ANNEXURE-I (To be read with Eligibility criteria)

Eligibility criteria for AMC of Boiler and its Auxiliaries equipment.

Sr. No	Eligibility Criteria [inline with clause-5]	Year	Rs. In Lacs/Oth er data	Details	Supporting Documents attached.
1	Bidder should posses minimum three years of experience in maintenance of boilers and its auxiliaries during last five years on the basis of AMC/ARC/O & M contract of 110 MW and above capacity CFBC/PF for lignite or coal fired units. Proof to be attached.				
2	Bidder should have annual turnover of Rs. 121 lakh for last three years.				
3	Bidder shall furnish annual audited financial statement duly verified by the certified chartered accountant of the company for the last three years to demonstrate the financial soundness of the company. The balance Sheet must be in the name of the company who is purchasing the tender document. Any type of MOU for this purpose will not be entertained.				
4	The experience should be either of the following: Bidder should have executed minimum One similar completed work each costing not less than the amount equal to 242 Lakh OR Two similar completed work each costing not less than the amount equal to 162 Lakh OR Three similar completed work each costing not less than the amount equal to 121 Lakh				
5	Bidder should have certificate of Special class Boiler Repair randerector and steam pipe and feed pipe line fabricator under regulations 392 of Indian boiler Regulations 1950 from Directors of Boiler for last three years.				



Sr. No	Eligibility Criteria	Year	Rs. Lacs	In	Details	Supporting Documents attached.
6	The net worth of the bidder as on 31.03.2016 should be positive as evidenced from audited accounts.					
7	Bidders should possess valid PF number.					
8	Bidder should enclose P.F. code allotment letter along with Labour Licenses and W.C.Policy copies of previous order.					
9	The bidder has to submit PAN of the firm					
10	Bidder has to submit service tax registration number.					

(2)



11.0 Form-A

List of qualifying staff to be submitted with physical documents

Sr. No.	Name of Supervisor	Qualification	Experience

Contractor / Authorized Representative's Signature, Company's / Organization's Seal & Date

12.0 Form-B

List of Tools & Tackles to be submitted with physical documents -

Sr. No.	Description	Nos.	Status

Contractor / Authorized Representative's Signature, Company's / Organization's Seal & Date



13.0 ANNEXURE – J

SCHEDULE OF DEVIATION FROM GENERAL AND TECHNICAL SPECIFICATIONS

All the deviations from the general and technical specifications shall be filled by BIDDER clause by clause in this schedule.

Sr. No	SECTION	CLAUSE NO	AS PER TENDER DOCUMENT	DEVIATION

The bidder here by certifies that the above mentioned are the only deviations from OWNER's General/ Technical Conditions of this enquiry. The bidder further confirms that in the events any other data and information presented in the BIDDER's proposal and accompanying documents are at variance with specific requirements laid out in the OWNER's General /Technical Specifications, then the latter shall govern and will be binding on the BIDDER for quoted price.

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE



Annexure-N. EQUIPMENTS LIST FOR BOILER AND ITS AUXILLARIES.

There are four CFBC boilers out of which unit 1&2 having capacity of 390 Tons/Hr and unit 3&4 having capacity of 405t/hr. The following are the main auxiliary equipments for each boiler.

- A) Boiler Pressure Parts :- It includes a) Combustor consisting of water wall, FBHE 1,2,3,4 bundle & empty chamber, b) Boiler Drum, c) High pressure valves & its piping, d) safety valves of CRH, HRH, MS, Drum, e) Backpass consisting of steam cooled wall, SH, RH, Eco coil assemblies, etc.
- B) SA Fan / PA fan :- 02 no fan for each boiler
- C) ID Fan :- 02 no fan for each boiler
- **D)** Lube Oil Units & Scanner Air Fan: Lube oil unit for PA, SA, EBFP and hydraulic coupling unit of ID fan. It consists of oil tank, its pump, filters, coolers, & related piping, hoses.
- **E)** Blowers: Arezen & RKR make HT & LT blowers for FBHE, seal pot, seal & purge air, Bed ash.
- F) Bed Ash Conveying System: It consists of 02 no Bed ash Conveyor & its Rotary air lock feeder 10 TPH / 32 TPH with intermediate ash bin, 02 no Ash cooler assembly with its rotary air lock feeder, 1 no Bed ash pump., 1 no Bed ash silo & its Filter cleaning system, 1 no Bed ash filling line to combustor for each boiler.
- **G)** Lignite / Limestone Feeding System :- Lignite feeding system broadly consists of 02 nos Lignite bunker, 02 nos Lignite Conveyor Drag link Chain type, 02 nos Rotary air lock feeder, 02 nos Master fuel trip valve, Seal pot NMEJ for each boiler. Limestone feeding system broadly consists of 02 nos limestone bunker with its discharge valves, 04 nos limestone rotary air lock feeder and its discharge line per boiler.
- H) E.S.P.:- The ESP consists of two pass with 06 nos field & one dummy field per pass.
- I) Duct/Damper/NMEJ/MEJ: It broadly consists of air duct of PA, SA, and blower system Flue gas duct up to chimney. Various types of MEJ/NMEJ in Air or flue gas duct.
- J) Fuel Oil Handling: It consists of HFO handling inclusive of FO unloading & transfer pumps with steam, electrical heaters for heating. HFO piping up to oil station & its related valves. Steam tracing line piping with traps.
- K) Valves: The valves are consisting of LP valves up to 800 class, HP valves up to 2500 class. The valve size is from ½" to 16 ". The valves are electrical, pneumatic or manual operated. It also consists of Control valves, safety valves, non return valves, butterfly valve, Knife gate valve, Gate and globe valves.
- L) Soot Blower: There are 8 nos long retractable soot blowers & 24 nos Half retractable soot blowers installed in each boiler in phase-I & total 44 nos. soot blowers installed in each boiler in Phase II.



M) Fuel Firing System: - It consists of 02 nos Start up burner & its skid, 06 nos bed lances & its skid for each boiler. It also consists of 1 no Propane tank along with its pump, piping.

-2-

- N) Emergency Boiler Feed Pump: It consists of 1 no diesel engine driven boiler feed pump for each boiler.
- **O)** Hoist: It consists of electrical operated Swift make hoist. There are 02 hoists at PA fan, 02 hoists at SA fan, 02 hoists at ID fan, 02 hoist in blower room, 01 hoist in EBFP room and 01 hoist at ESP for each boiler.
- P) Inspection and external cleaning of Various Auxiliaries & stations in boiler area:- It consists of inspection & external cleaning of Fans, Boiler, NMEJ, Valve station, Bed ash system, Lignite system, Limestone system, Fuel oil system, Fuel firing system, Site stores, etc.

This list is indicative in nature.