



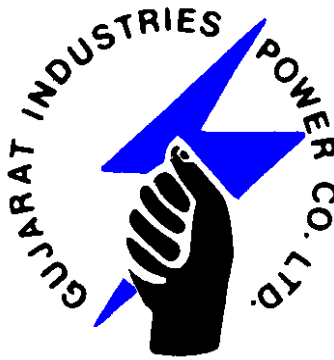
GUJARAT INDUSTRIES POWER COMPANY LIMITED
(Surat Lignite Power Plant)

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;

*Biennial Rate Contract for Control and Instrumentation
Systems at Surat Lignite Power Plant - 4X125 MW,
Phase 1 & 2 for a period of two years (2023-25)*

*Bid No.: SLPP/C&I/BMC/2023-25
(n-procure Tender ID: 571704)*



**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/C&I/BMC/2023-25

Name of work	Surat Lignite Power Plant - 4X125 MW, Phase- 1 & 2: Biennial Rate Contract for Control and Instrumentation Systems for 4x125MW Power Plant for the year 2023-25.
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 Years
EMD	Rs. 1,10,000/- 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.
Cost of tender document / tender fee	Rs. 2950.00 (2500+ 18% GST (450) =2950) (Rs. Two Thousand Nine Hundred Fifty only) by Demand Draft in favor of GIPCL payable at Motamiya-Mangrol or Nani Naroli.
Availability of online e-Tender document	On website: https://www.gipcl.nprocure.com and https://www.gipcl.com
Last date of online submission of offer	06/04/2023 up to 17:30 hrs. on website: https://www.gipcl.nprocure.com
Submission of EMD, Tender fee and other supporting documents for technical Bid in physical form.	On or before 06/04/2023 up to 16:30 HRS at office of GIPCL-Surat Lignite Power Plant, Nani Naroli, Dist. Surat.
E-Reverse Auction	Will be informed by GIPCL to all qualified Bidders

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 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 <https://www.gipcl.nprocure.com>
5. The EMD, Tender fee & other supporting documents are to be submitted in physical form only at the following address:-
Chief 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: cnpaghdar@gipcl.com



SECTION-A **INSTRUCTIONS TO BIDDERS**

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 1084.4 MW comprising of various conventional and renewable projects.

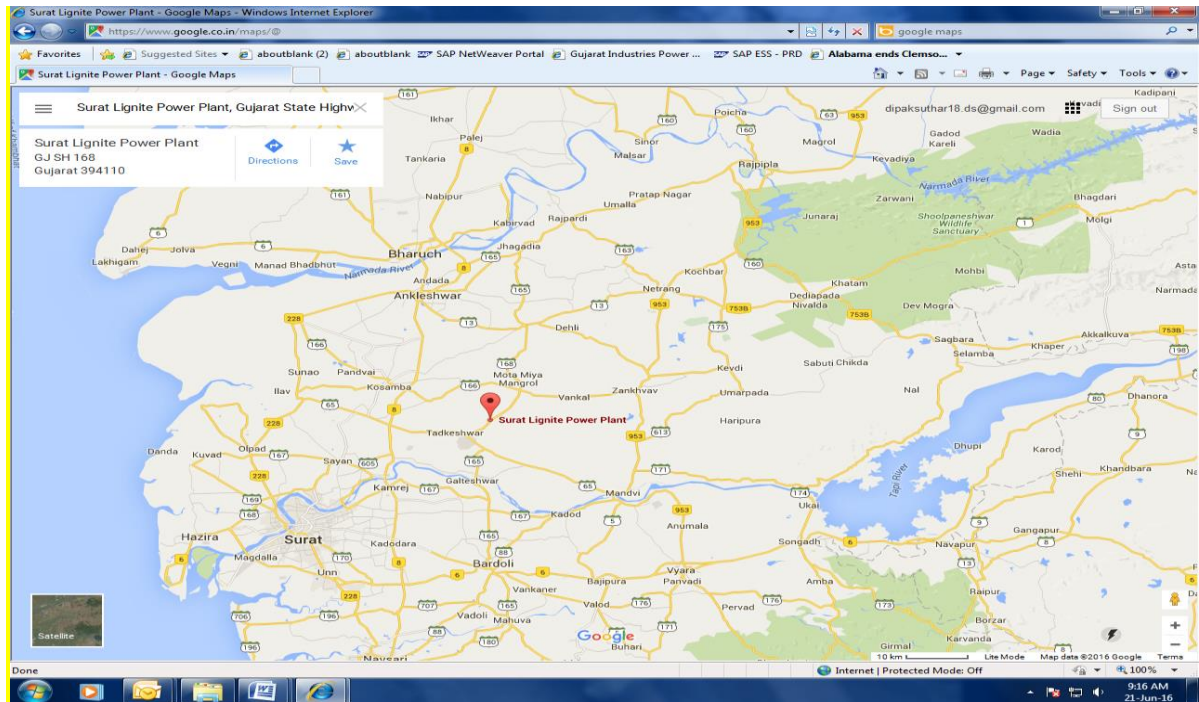
GIPCL commissioned its first power project; a 145 MW gas based combined cycle power plant in 1992 at Vadodara. It expanded its capacity 165 MW Naptha and gas based Combined Cycle Power Plant at Vadodara in 1997.

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.

It commissioned 5 MW solar power station at SLPP in 2012. Also, 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.

GIPCL has successfully commissioned a 2 x 40 MW Solar Project in 2017 as well as a 75 MW Solar Power Project in 2019 at Gujarat Solar Park, Village Charanka, Dist.: Patan. GIPCL has also successfully commissioned 112.4 MW wind farms at different location of Gujarat. GIPCL has successfully commissioned 100 MW Solar power project in August 2021 at Radhanesda Solar park, Gujarat.

Surat Lignite Power Plant (SLPP) is accessible by road from Kim and Kosamba, which are on Mumbai-Ahmadabad 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.



2 SCOPE OF WORK

- 2.1 The scope of work covers **Preventive and breakdown maintenance of Control & Instrumentation system equipments.**
- 2.2 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.
- 2.3 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.
- 2.4 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 GENERAL INSTRUCTIONS

- 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 Bidders clearly, neatly and accurately. Any alteration, erasures or overwriting would be liable to make the tender invalid unless the same is neatly carried out and attested over the full signature of Bidder. The decision of the Company to interpret the information and rates filled in by the Bidder 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. before 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), Phase-II (Unit-3 & Unit-4), LLHS & AHS part. 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 the rates for both Phase-I (Unit-1 & Unit-2) and Phase-II (Unit-3 & Unit-4) Main plant, LLHS plant and AHS plant C&I AMC. Bids received for only one plant shall not be considered. However, GIPCL reserves the rights to allot all the plants' work to a single bidder or GIPCL may split the contract between two parties 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 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 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.
 - 3.14 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.
 - 3.15 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.
 - 3.16 If the successful Bidder is consortium/joint deed of undertaking of company, the Consortium leader/Bidder shall accept joint and several responsibilities and liabilities for all obligations under the Contract.
 - 3.17 Timely and satisfactory completion of the work and strict adherence to the allotted time frames for jobs shall be the essence of the contract.



- 3.18 The Company reserves the right to qualify/disqualify any applicant without assigning any reason.
- 3.19 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.

4 PLANT VISIT

It is perquisite and necessary for all interested bidders to visit the site/plant after downloading the tender copy to understand the actual working conditions, compliance related to labour, safety etc. before submitting their offer. Failing which, any consequential liabilities arising will be to bidder's account. The bidders shall examine the site of works and its surroundings at his own responsibility. The bidders shall collect information 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 bidder is deemed to have examined and understood the tender document, obtained his own information in all matters whatsoever that might affect the carrying out the works expressly 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.

The submission of tender by a contractor implies that he has visited the site and 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, General & Special Terms and Condition. 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.

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 and associated risks, 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 shall be adopted for qualifying the Bidders for further proceeding.

- 5.1** Bidder should possess minimum **Three years** of experience **out of last five years** (as per following Cl. No. 5.2) in similar nature of jobs like Calibration of Instruments, Annual Maintenance contract of C&I Systems and should enclose proof of the same. Bidder shall submit necessary evidence for the same like attested copies of work orders along with work completion certificates from clients. The work completion certificate shall comprise of Order value & Executed value. Bidders should have executed the work directly. The work executed as a sub-contractor or subletting agency shall not be taken in to consideration.
- 5.2** 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. secured from clients along with self attested copies of documentary evidence preferably photo copies of work experience. The experience should be either of the following:
- a. One similar completed work costing not less than the amount equal to 60% (44 Lakh) of the Annualised estimated cost.**
 - OR**
 - b. Two similar completed works each costing not less than the amount equal to 40% (29 Lakh) of the Annualised estimated cost.**
 - OR**
 - c. Three similar completed works each costing not less than the amount equal to 30% (22 Lakh) of the Annualised estimated cost.**

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

- 5.3** Tender fee: The tender fee shall be accompanied in form of Demand Draft/RTGS.
- 5.4** EMD: The EMD shall be accompanied in the form of DD/RTGS or Bank Guarantee given by Bank as described in subsequent clause no. 7.
- 5.5** Bidder should have separate Employees Provident Fund code number towards registration of firm with RPF commissioner.
- 5.6** Attested copies of relevant documents duly signed & seal on each & every page shall be submitted. GIPCL may verify the documents, experience certificates issued by concern authority. 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 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.

- 5.7 Bidder should have average annual turnover of 30% of estimated annualized contract value (22 Lakhs) during last three financial years **i.e. 2019-20, 2020-21, & 2021-22**. Bidder shall furnish annual audited financial statement duly certified by Chartered Accountant for the last three financial years to demonstrate the financial healthiness of the company. The balance Sheet AND Profit and Loss Account must be in the name of the company. Any type of MOU for this purpose will not be entertained.

Note: In case, the annual turnover is less than the statutory guideline which does not require audit, the bidder shall submit the turnover certificate from Chartered Accountant

- 5.8 The Bidder has to submit INCOME TAX Permanent Account Number (PAN), & GST registration number. Copies of the same shall be submitted.
- 5.9 The net worth of the bidder should be positive as evidenced from audited accounts of last financial year **(i.e. 31/03/2022)**.
- 5.10 In case Bidder is a Consortium/Joint deed of undertaking of company, the above requirements/credential of consortium leader/bidder shall be considered unless otherwise specifically mentioned in the tender.
- 5.11 If Bidder or its Partner(s) or Director(s) is/are/was Black Listed /Deregistered / Stopped or banned from dealing in the past by any Govt, of Gujarat Undertakings /Depts./Authorities and Govt. of Gujarat supported companies /undertakings /organizations, Bid of that party may be liable to be rejected. Bidder agrees and undertakes to accept decision of GIPCL in this regards as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage. Bidder shall have to submit "Declaration for Contractual Litigations" as amended in Annexure-H / Form attached.
- 5.12 Bidder shall have to submit the "Declaration-cum-Undertaking for Compliance of Safety Laws and Regulations" as amended in Annexure / Form attached.
- If any Major Violation of any safety law(s) / Rule(s) is / are found during the preceding Three (3) years, Bid of that party will be liable to be rejected. Bidder agrees and undertakes to accept decision of GIPCL in this regards as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage.
 - If any of the details submitted in the prescribed Annexure / Form to the Bid is/are found to be false, incorrect at any time in future, then the Contract awarded to that Bidder / Contractor shall be liable to be terminated forthwith without any notice / correspondence and Bidder agrees and undertakes to accept decision of GIPCL in this regards as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage. Further, Performance / Security Deposit will also be liable to be forfeited. Any dues to GIPCL from the Bidder / Contractor shall be recovered from the pending bills or any other dues payable to the Bidder / Contractor, if any



or otherwise through any other recourse available under the Laws. 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 the Bidder. GIPCL reserves the right to accept/cancel/reject any/all Bids without assigning any reason thereof. The tenders of qualified Bidder/Bidders shall only be considered for further evaluation.

- 5.13 Site Visit is mandatory prior to submission of bid to understand the scope of work, working conditions, site conditions, equipments, tools & tackles, labor deployment, associated risk, surrounding etc.

6 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.

7 EARNEST MONEY DEPOSIT (EMD) and TENDER FEE

- 7.1 The bidder shall deposit non refundable Tender fees of Rs 2950.00 (2500+ 18% GST (450) =2950) (Rs. Two Thousand Nine Hundred Fifty only) along with the bid. The Tender fees shall be paid by RTGS/NEFT/ through online payment gateway in GIPCL website. Guidelines for Payment through GIPCL online payment Gateway is provided in ANNEXURE-K.

Bank Details are as below:

BANK NAME : State Bank of India
ADDRESS OF BANK : Utility Building, Nani Naroli, Taluka Mangrol,
Dist. Surat. Pin-394 110
IFSC CODE : SBIN0013423
MICR CODE : 394002513
NAME OF A/C HOLDER : Gujarat Industries Power Company Limited
A/C No. : 33514692834

- 7.2 An EMD of Rs.1,10,000/- shall accompany with Bid. EMD shall be in the form of a Crossed Bank Demand Draft in favor of Gujarat Industries Power Co. Ltd. as per following details:

Sr.No.	Bank Details	Payable at Branch
1	Bank of Baroda	Mosali, Dist - Surat
2	State Bank of India	Nani Naroli Branch code : 13423
3	Any other Banks	Surat



7.3 The EMD shall be submitted in the form of DD/irrevocable Bank Guarantee in favor of Gujarat Industries Power Company Limited from

- 1) All Nationalized Banks
- 2) Axis Bank
- 3) ICICI Bank
- 4) HDFC Bank
- 5) Kotak Mahindra Bank
- 6) IndusInd Bank
- 7) RBL Bank
- 8) DCB Bank
- 9) Federal Bank
- 10) Bandhan Bank
- 11) Standard Chartered Bank

as per Performa of BG enclosed with this e- tender.

7.4 Alternatively, the EMD may also be submitted through RTGS/Online mode of payment by the bidders.

7.5 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.

7.6 The EMD of the successful bidder will be returned after payment of Security Deposit by successful bidder.

7.7 The earnest money deposit will be refunded to the unsuccessful BIDDER as soon as the tender is finalized and after award of LOI/Work: Order.

7.8 Any bid not accompanied with EMD and Tender fee will be rejected. Tender fees and EMD should be submitted to GIPCL.

7.9 No interest shall be payable on EMD.

7.10 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.

7.11 **SCHEDULE OF EMD & TENDER FEES**

<p>EMD & Tender fee and other documents to be submitted in physical form in sealed cover at least minimum two hours prior to closing of online tender.</p>	<p>Address for Submission:</p> <p>CGM - SLPP GUJARAT INDUSTRIES POWER CO. LTD., (Surat Lignite Power Plant) Village – Nani Naroli, Taluka – Mangrol District – Surat 394 110, Gujarat Phone : 02629-261063 (10 lines) Fax : (02629) 261073 / 261074</p>
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8 SUBMISSION OF BID

A: MODE OF SUBMISSION

The bids shall be submitted online at the GIPCL e-portal <https://www.gipcl.nprocure.com> 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.

(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-I) Technical as well as commercial, if any.
3. Qualification & experience of Supervisors/Engineers.

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

1. The tender documents dully signed in all pages without price bid along with techno-commercial deviations, if any.
2. Proof of experience meeting the minimum eligibility criteria as mentioned in tender document.
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 balance sheet duly certified by a practicing CA will be required.
7. P.F Number and Allotment Letter.
8. PAN Number.
9. Goods and Service tax registration number/certificate copy.

(b) Price Bid:

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

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

2. Goods and 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 OR %age below the estimated value OR %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.

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 signing the documents shall also be typed or printed below the signature on each page.



- (ii) Bid by a consortium/joint deed of undertaking of company/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.

9 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.

10 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.

11 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.



12 OPENING OF BIDS

- 12.1 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
- 12.2 Preliminary Examination:
- 12.2.1 The Company will examine the Bids for any computational errors, for sureties furnished by bidder, for authentication of documents submitted and completeness of the Bids
- 12.2.2 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.

13 EVALUATION & COMPARISON OF BIDS

- 13.1 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.
- 13.2 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.
- 13.3 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.
- 13.4 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.
- 13.5 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.
- 13.6 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.
- 13.7 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.

14 RIGHT OF REJECTION OF TENDERS

- 14.1 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 thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders regarding the same.
- 14.2 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.
- 14.3 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.

15 AWARD OF CONTRACT

- 15.1 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.
- 15.2 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.
- 15.3 GIPCL reserves the right to cancel/short close the contract during the contract period without assigning any reason.
- 15.4 GIPCL reserves the right to split the contract quantity between vendors.

16 CONTRACT PERIOD

- 16.1 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').
- 16.2 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.
- 16.3 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.



17 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.

18 CONTRACTOR'S OBLIGATIONS

A. DEPLOYMENT & RESPONSIBILITY 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 separately to properly complete the job in given/scheduled time.
3. The Contractor shall depute its own workmen/labor 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 labor 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/labor 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/labor with safety equipment like helmets, masks, gum boots, a uniform (Minimum 3 pairs for AMC/ARC) 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 /authorize 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 entrusted job. They have to maintain daily records 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 mobilize additional resources accordingly.
9. During emergency or similar situations the Contractor shall be required to mobilize resources as per need within the period of 24 hours as directed by GIPCL. If the contractor fails to mobilize 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 10% 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 any reason, the contractor shall mobilize 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 manpower as well as resources & tractors 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 work increases substantially). For this, enhanced work shall be completed by deploying additional manpower with separate supervisor. Payment will be made on item rate basis only. The work during the overhauling period is to be carried out round the clock. Contractor should mobilize sufficient number of manpower and execute the work in all shifts with independent manpower. Contractor should not continue the same manpower for more than 12 hours.

B: TOOLS & TACKLES

- (i) 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. List of Minimum Tools and Tackles required to execute the work is given in Form-b.
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.
- (ii) For proper execution of the scope of work, the contractor is required to maintain sufficient quantity of tools & tackles with in good working condition at site as per day to day work load and emergency situations to complete the work in stipulated time. The contractor should note that this list of tools & tackles 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.
- (iii) In case of breakdown of equipment, the contractor should work round the clock for putting back the area in service immediately within minimum time. In case of any emergency arising during night hours the contractor should be in a position to mobilize the manpower immediately within minimum time.
- (iv) 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. If the failure /defects of equipment occur due



- to improper method of maintenance, equipment assembly due to contractor negligence than the losses will be recovered from contractor's bills.
- (v) 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
 - (vi) 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
 - (vii) 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.

19 Clarification of Bidding Documents

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 cnpaghdar@gipcl.com 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.

20 TIME SCHEDULE

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

21 UNDERSTANDING AND CLARIFICATION ON DOCUMENTS AND SPECIFICATION

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.

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



22 PAYMENTS

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

23 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 tender.
- 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 vendor.

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.

24 QUANTITIES

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 ENGINEER-in-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.



SECTION-B

INSTRUCTIONS TO BIDDERS FOR ONLINE TENDERING

1. Tender documents are available only in electronic format. Bidders can download free of cost from the web site - <https://www.gipcl.nprocure.com>.
2. All Bids (technical and price Bid) should be submitted online through the website <https://www.gipcl.nprocure.com/> only. Physical submission of Price Bid will not be entertained. Also no fax, e-mail, letters will be entertained for the same.
3. Following should be submitted 'off-line' in sealed covers separately during dates & time set in NIT at our office at Village: Nani Naroli, Taluka: Mangrol, Dist.: Surat - 394 110, Gujarat.
[1] Tender Fee, [2] E.M.D. [3] Supporting Documents for Technical Bid.
4. Bidders who wish to participate in online tenders will have to procure / 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.
5. All bids should be digitally signed. The bidders are required to contact at the below mentioned address for detailed training on on-line tendering and also for requirement.

(n) Code Solutions - A division of GNFC Ltd.
403, GNFC Infotower, S.G Road, Bodakdev,
Ahmedabad- 380054 (Gujarat, India)

Toll Free: 1-800-419-4632/1-800-233-1010,
Tel: 079-26857315/316/317
E-mail: nprocure@gnvc.net, website: www.nprocure.com

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.

REVERSE AUCTION

1. GIPCL reserves the right to conduct E-Reverse auction through (n) Procure platform.
2. E-Reverse auction shall be conducted amongst (a) the lowest 50% eligible bidders (rounded to the next higher whole number) from the total bids received OR (b) Minimum three (03) lowest bidders, whichever is higher, shall be invited for participation in e-Reverse Auction through n-procure platform.
3. Opening Price, Detrimental value and duration for the e-Reverse Auction shall be informed to the qualified bidders before start of e-Reverse Auction.
4. After e-Reverse Auction process, L1 bidder shall be decided on Lowest Total Contract Price.



5. To participate in e-Reverse Auction, Bidders have to create e-Auction USER ID on **<https://e-auction.nprocure.com>** that the bidder shall be allowed to participate the e-Reverse Auction.
6. In case of any further information regarding online bidding or if a Bidder needs any assistance in accessing/ submission of online bid/ clarification or if training is required for participating in online e-reverse bidding, then the Bidder can contact the following office for assistance or training :

(n) Procure Cell, (n) code solutions-A division of GNFC Ltd.,

**403, GNFC Info tower, S.G. Road,
Bodakdev Ahmedabad- 380054 (Gujarat)
Toll Free: 1-800-419-4632/1-800-233-1010,
Phone No. 079-26857315/316/317,
Fax: 079-26857321/40007533, Email: nprocure@gnvfc.net**

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



SECTION-C GENERAL CONDITIONS OF CONTRACT

1. CONTRACT SECURITY DEPOSIT/ PERFORMANCE BANK GUARANTEE

As a Contract Security/Performance Bank Guarantee, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Bank Guarantee (PBG)/Contract security deposit (SD) in favour of Gujarat Industries Power Company Limited of an equivalent amount of Ten percent (**10%**) of the “Annual Contract Price excluding taxes and duties” from any Schedule Public Sector Bank or Schedule Private Sector Bank 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/PBG shall be submitted strictly within twenty one days from the date of Lol 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.

PBG shall be submitted from the banks as listed below and as per format attached in tender document.

- 1) All Nationalized Banks
- 2) Axis Bank
- 3) ICICI Bank
- 4) HDFC Bank
- 5) Kotak Mahindra Bank
- 6) IndusInd Bank
- 7) RBL Bank
- 8) DCB Bank
- 9) Federal Bank
- 10) Bandhan Bank
- 11) Standard Chartered Bank

GIPCL reserves the right to forfeit Performance Bank Guarantee (PBG)/Contract security deposit

The Performance Bank Guarantee (initial 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 SD will result in equivalent late release of entire SD after guarantee period.

Bid security/EMD should be refunded to the successful bidder on receipt of Performance Security

2. RECOVERY CLAUSE

- (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 10% additional overhead charges of GIPCL.

3. 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.

4. 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 10% overhead charges.

In case if contractor's services are not found satisfactory with respect to mobilization, time bound completion of work, workmanship & safety (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.
- viii. GIPCL reserves the right to terminate the contract without giving any reason whatsoever and forfeit the PBG.

5. 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 10% 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.

6. SETTLEMENT OF DISPUTES

- 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, as amended from time to time. The place of arbitration shall be at Surat/Vadodara or any other place within state of Gujarat.
- b. 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

7. INTERPRETATION OF CLAUSE

In case of disputes as regards interpretation of any of the clauses or specification, the decision of Head of Management (HOM) - GIPCL will be final and binding on the contractor.

8. 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.

9. STATUTORY REQUIREMENTS

A. COMPLIANCE OF LABOUR LAWS

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:

1. 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.

2. 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.
 - 2.1 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.
 - 2.2 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.
 - 2.3 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.
 - 2.4 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.
 - 2.5 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.
 - 2.6 The Contractor shall not pay less than the Minimum Wages notified by the Government from time to time to his employees of corresponding categories.
 - 2.7 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.
 - 2.8 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.
 - 2.9 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 Employees Compensation Act, 1923.



- 2.10 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.
- 2.11 The Contractor shall not engage / employ persons below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- 2.12 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 Employees 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.
- 2.13 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 challans on monthly basis to HR&A dept. for verification and record.
- 2.14 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.
- 2.15 The contractor shall conduct pre-induction and periodic medical checkup of his workmen as per applicable laws.
- 2.16 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.
- 2.17 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.
- 2.18 Contractor shall have to insure his workmen /supervisors etc. under Group Insurance scheme.
- 2.19 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.

2.20 Documentary evidence of deposit of PF paid shall have to be produced by the contractor along with the next bill.

2.21 Records as per the provisions of various statutory Acts will have to be maintained by the contractor and submitted as and when required.

2.22 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.

2.23 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.

2.24 **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 department.

B. LEGAL ASPECTS

1. Contractor shall maintain all register required under the Labour 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.

10. 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.

11. 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.

12. LIGHTING

Necessary illumination at work area will be provided by GIPCL.

13. NIGHT/SUNDAY/HOLIDAY SHIFT

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.

14. SAFETY ASPECT

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 Department. Safety Department 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 Department. Security Department will inform to Safety Department, 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.

15. GENERAL SAFETY CLAUSES

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. Such as :-

Helmet :

Sr No.	Model	Company	Safety Helmet Specifications
01.	Tough Hat, HP-TH	Sure Safety	IS : 2925 – 1984, ANSI / ISEA Z89.1-2009
02.	V-Gard	MSA	
03.	PN 521 - Shelmet	Karam	

Safety Shoes :

SrNo.	Model	Company	Specificatio
01.	Acme Fabrik plast Co.	SSTEELE (Strom)-Double Density	IS: 15298-2011
02.	Acme Fabrik plast Co.	TRIMAX(Adjacent) -Double Density	
03.	Worktoes Warren	Worktoes - Warren Plus	

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	Classification	Examples / Cases	Penalty
A	PPEs Related	Working without helmet, shoes, safety belt, gloves etc.	Rs. 100 /- per instant.
B	WI Related	<p>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 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.</p> <p>Unsafe working practices at height more than 3 meters</p> <p>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..</p>	<ul style="list-style-type: none"> Rs. 500 /- per instant. After three incidence, Per incidence Rs. 2500/- 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.	<p>Suspend the entry gate pass for one week.</p> <p>□ After two suspensions his gate pass will be cancelled.</p>

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.



16. ELECTRICAL SAFETY

1. All the electrical apparatus including welding machine (either 3-phase or single phase) should be provided with Earth Leakage Circuit Breaker (ELCB/RCCB/RCBO) of 30mA rating.
2. Bidder should ensure periodic checking of ELCB provided in their electrical apparatus.
3. Bidder should ensure that there should not be any joint in the power supply cable of any machine. All cables should be in good condition with no bare insulation or frayed wires.
4. Any power supply switchboard/extension boards brought by Bidder should have ELCB of 30mA rating and it should have sockets along with 3-pin plug.
5. Any type of cable brought by Bidder should not have any joint and should be of sufficient capacity for the respective job.
6. Bidder to bring their own 24V rating portable hand lamps along with cable of (apparatus should be having 230V / 24V transformer) for the temporary lighting arrangement required at site for the respective jobs.
7. Bidder should bring sufficient qty no. of temporary light fixtures (230V or 24 V as per requirement of job/contract), extension boards, cables to draw supply from nearest power point.
8. Hand-held and portable machines shall be equipped with a built-in switch to switch off power in case of emergency.
9. Bidder to ensure healthiness of their electrical equipment whenever brought to GIPCL site and get them tested / verified by GIPCL Electrical Department representatives before start using.
10. Bidder to ensure - All portable electric apparatus shall be regularly examined, tested and maintained to ensure that the apparatus and leads are in good order.
11. Only three-core cable shall be used for single phase operated tools with the third core connected to earth.
12. Ensure that all metallic portable appliances are provided with 3 pin plug and socket connections with third pin be connected to the ground terminal where ever possible. Also, the metal work of the apparatus is effectively earthed.
13. All cables and connections should be sound and of adequate capacity and properly insulated while using any welding machine and other power connections.
14. The earthing arrangements should be properly made with earthing clamps or a bolted terminal while using any welding machine.
15. Electric holders when not in use, should be placed on an insulated hook or the holders should be fully insulated while using any welding machine.
16. Whenever the welder stops or leaves work for any appreciable time, the power supply to welding machine shall be effectively disconnected while using any welding machine.
17. GIPCL will provide either single phase OR 3-phase 3 wire power supply from the nearby point at job site. Bidder to supply the required cable between GIPCL power supply point to equipment brought by Bidder for the specified job. Further, if Bidder's equipment requires 3-ph 4 wire supply then they should derive 3-ph 4 wire supply from GIPCL 3-ph 3 wire supply system by incorporating sufficient capacity transformer. Like for hydro jet cleaning system, mixer machine, induction heating machine, SR machine etc., GIPCL will provide 3-ph 3 wire power supply.
18. Cable between welding machine to GIPCL power supply point should have cable TOP plug towards GIPCL power supply point of Make BALS having rating as 63 Amp.

Contractors not following above electrical safety points at any point of time are liable to penalty and their machine/ apparatus shall be seized by GIPCL.



17. REJECTION OF WORK

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. GENERAL TERMS AND CONDITIONS

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 and nominate package wise (Main plant / LHS / AHS) independent full time senior experienced person in writing as site in charge to co-ordinate with GIPCL engineer and shall bear overall responsibility of contract including joint measurement, billing etc. 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. 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. 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.
10. 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.
11. 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, 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 act by any of contractor's worker, negligence & ignorance of safety & quality instructions of GIPCL Engineer-in-charge or any other reason whatsoever.
12. 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.
13. One or more jobs may be required to be done simultaneously and contractor shall mobilize additional resources accordingly.
14. 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.
15. 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.
16. The contractor has to submit daily reports showing work carried out with details of available manpower.
17. 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.
18. 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.

19. 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.
20. GIPCL is an ISO 9001, ISO 14001, 45001 & 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. CONTRACTOR'S SUPERVISION

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. CONTRACTOR TO REMOVE ALL OFFENSIVE MATTER IMMEDIATELY AND CLEAN-UP

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 the 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. All the work measurement shall be jointly recorded in a measurement sheet/register/relevant documents by the contractor / authorized representative of the contractor and the Engineer-in-charge. The measurement shall be clearly written indicating date of the measurement, location, reference of drawings, if any, and jointly signed.
- d. 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.
- e. 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. BENEFIT PAYABLE IN CASE OF ACCIDENT OCCURRING OUTSIDE PREMISES OR BEYOND THE COURSE OF EMPLOYMENT



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. INDEMNITY

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

A. Main Plant C&I System.

(i) BRIEF DESCRIPTION OF MAIN PLANT C & I SYSTEM:

SLPP is having latest TELEPERM ME DCS system supplied by Siemens (I) Limited and PRO-CONTROL P13/42 & Max DNA DCS system supplied by BHEL(EDN),



Bangalore to control the process parameters. The plant is having separate Lignite Handling system, Ash Handling system, Limestone milling system, Water Treatment plant operated through Programmable Logic Controllers of Siemens, Allen-Bradley, GE Fanuc etc. The field instruments contains Electronics Pressure, Flow, Level, DP transmitters, switches, Pneumatic valves, dampers, ON-OFF valves, limit switches, position transmitters, solenoid valves, electric actuators, Electronic Weigh belt feeders, Flue gas Analysers, Steam and water analysis system, Burner management system instruments, local pressure, temperature level, DP gauges, panel instruments such as recorders, indicators, scanners, control tiles, annunciation windows, electrical meters, switches, etc. The list of Major Field instruments, the required frequency per year for cleaning and preventive maintenance is enclosed herewith as MAIN PLANT ANNEXURE-A1, A2 & A3.

(ii) DETAILED SCOPE OF WORK FOR MAIN PLANT C&I SYSTEM:

The contractor shall deploy adequate number of qualified and skilled persons at all locations for effective and efficient execution of the contractual obligation and to fulfill the terms and conditions of the contract. The contractor shall be responsible for overall supervisions and control of the work assignment and the manpower deployed for the purpose. PREVENTIVE MAINTENANCE JOB ALSO INCLUDES REPLACEMENT OF FAULTY INSTRUMENTS BY NEW INSTRUMENTS AT FIELD LOCATION.

- a) Removal of Electronic Pressure, Flow, Level, DP, Temperature, Speed, Transmitters from the field taking it to laboratory, Calibration and re-installation of the same. Routine maintenance of the electronic transmitter's e. g. cleaning, connection tightness, attending leakage of the impulse piping/tubing etc.
- b) Removal of Pressure, Level, Flow, Temperature, DP, Speed, and Vibration switches from the field taking it to laboratory, Calibration and re-installation of the same. Routine maintenance of the electronic transmitter's e. g. cleaning, connection tightness, attending leakage of the impulse piping/tubing etc.
- c) Calibration and routine maintenance of Control valves, dampers, Inlet Guide Vanes (IGVs), Scoop tube controllers, on-off valves including setting of position transmitters, Air filter regulators, Air lock relays, limit switch, solenoid valves, I/P Converters and replacement if required etc.
- d) Calibration and routine maintenance of panel instruments such as recorders, indicators, meters, temperature scanners, vibration monitors, Totalizers, selector switches, control tiles etc.
- e) Routine maintenance of Digital Display Units, and various field instruments.
- f) Calibration and routine maintenance of Conductivity, pH, Hydrazine, Dissolved O₂, Silica, and Steam and Water Analysis System (SWAS) sampling system.
- g) Calibration and routine maintenance of weigh transmitters.
- h) Calibration and routine maintenance of Flue gas analyzers e.g. Oxygen (O₂), CO, SO₂, NO_x, Particulate emission analyzers, shifting of calibration gas cylinders, attending leakage in sample tubes, routine back flushing of sample line, maintaining heat tracing and insulation in sample tubes etc.
- i) Calibration and daily maintenance of field instruments such as pressure, temperature, level, DP gauges, flow glasses, turbine flow meters, rotameters, speed probes, junction boxes, field termination cabinets, Transmitter racks, flame scanners, thermocouples, RTDs, Glass thermometers, limit switches, cleaning, connection tightness, attending leakage of the impulse piping/tubing & line flushing etc.
- j) Routine maintenance of UPS, lead Acid Batteries, marshalling panels, Transducer cabinets, Relay panels, System panels, power supply distribution



cabinets, SWAS panels, local panels, CRTs, Servers, Printers, EPABX system, Telephone instruments, etc.

- k) Instrumentation cable laying of sizes from 1 pair, 0.5 mm² to 48 pair, 0.5 mm².
- l) Termination of above cables with glanding, ferruling and lugging. The cables, cable glands, ferrules and lugs will be provided by GIPCL.
- m) Trouble shooting and Maintenance of approximately 800 nos. of Telephone extensions and telephone instruments provided in the plant and colony.
- n) Generation of Calibration reports as per the format given by GIPCL for instruments calibrated.

(iii) SHIFT DUTIES

- a) The contractor will deploy one Skilled technician for shift assistance in all the three shifts for attending the defects and to undertake shift maintenance jobs and to assist operation department for smooth operation of the systems.
- b) Payment for this shift technician deployment shall be made as per the rates quoted by the contractor in **MAINPLANT ANNEXURE – A3** and agreed up on by the owner and based on certification of the engineer-in-charge as per the actual shift technician present in the shifts. For non-availability / less shift technician in the shift penalty will be imposed as per the penalty clause.

The list of field instruments with quantity and, the required frequency per year for cleaning and preventive maintenance of these Instruments is enclosed herewith as **MAINPLANT ANNEXURE-A-1 and A-2**.

B. LLHS C&I System.

(i) BRIEF DESCRIPTION OF LLHS C & I SYSTEM:

SLPP is having latest Siemens make SIMATIC S5, SIMATIC S7 PLC systems supplied by Siemens Limited to control the process parameters of Lignite & Limestone Handling system, Limestone Milling & Conveying system and Industrial Vacuum Cleaning System Dry Fog System, Dust extraction System & Dust Suppression Systems. The field instruments contains Electronic Pressure, Flow, Level, DP Transmitters, Switches, Pneumatic Valves, Dampers, ON-OFF valves, Limit switches, Position Transmitters, Solenoid valves, Pneumatic actuators, Electronic Weigh belt feeders, Burner Management system instruments, Pressure, Temperature, Level and DP gauges, Panel instruments such as Recorders, Digital & Analog Indicators, Temperature Scanners, Annunciation windows, Electrical meters, Switches, etc. The list of Major field instruments, the required frequency per year for Calibration and Cleaning is enclosed herewith as **LLHS ANNEXURE-A1 and LLHS ANNEXURE-A2** respectively.

(ii) DETAILED SCOPE OF WORK FOR LLHS C&I SYSTEM:

The scope of the work for the vendor/contractor is to maintain the Control & Instrumentation System and Equipments for the instrumentation and control related work (mentioned below) in the Power plant.

- a) Scope of work includes Routine, Breakdown, Shutdown and Preventive maintenance of entire Instrumentation works in the following areas:
 - All equipments of Lignite Handling system (with all accessories from Feeder Breaker to Shuttle Belt Feeders at lignite bunker feeding point)



- All equipments of Limestone Handling system.
 - All equipments of Limestone Milling & Conveying system
 - All equipments of Lignite run off pond.
 - All equipments of Feeder breaker System.
 - All equipments of Dust Extraction System.
 - All equipments of Dry fog / Dust suppression System
 - All equipments of Industrial Vacuum System.
 - All equipments pertaining to Zero Discharge System.
- b) To carry out the above work Contractor has to deploy sufficient manpower in General shift as well as in all the 03(Three) shifts.
- c) Checking of interlocks, inputs, outputs in the PLC, Trouble shooting through the ladder logic and rectification of the faults.
- d) Removal of Electronic Pressure, Flow, Level, DP, Temperature, Speed, Transmitters from the field taking it to laboratory, Calibration refixing of the same. Routine maintenance of the electronic transmitters e. g. cleaning, attending leakage of the impulse piping/tubing etc.
- e) Calibration and routine maintenance of Control valves, dampers, position transmitters, Air filter regulators, Air lock relays, on-off valves, limit switch setting, solenoid valves etc.
- f) Calibration and routine maintenance of panel instruments such as recorders, indicators, meters, temperature scanners, vibration monitors, Totalizes, selector switches and other instrument such as rotameters, speed probes, junction boxes, Weigh transmitters, field termination cabinets, flame scanners, thermocouples, RTDs, Glass thermometers, limit switches, field switches like pull chord switches, Belt sway switches, speed switches, Proximity switches, UPS, lead Acid Batteries, marshalling panels, PLC panels, local panels, CRTs, Computers and Printers etc.
- g) Instrumentation, Control and Communication cable laying of various sizes and termination of above cables with glanding, ferruling and lugging. The cables, cable glands, ferrules and lugs will be provided by GIPCL.
- h) Routine maintenance of UPS, invertors, marshalling panels, Transducer cabinets, Relay panels, System panels, power supply distribution cabinets, local panels, CRTs, Printers, etc.
- i) Trouble shooting of faults for successful/ continuous plant operation in all the mentioned areas of scope of work of this contract in coordination with Operation / Mechanical / Electrical maintenance departments.
- j) Termination of above cables with glanding, ferruling and lugging. The cables, cable glands, ferrules and lugs will be provided by GIPCL.
- k) Generation of Calibration reports as per the format given by GIPCL for instruments calibrated.

(iii) SHIFT DUTIES



- a) The contractor will deploy Skilled technician for shift assistance in all the three shifts for attending the defects and to undertake shift maintenance jobs and to assist operation department for smooth operation of the systems.
- b) Payment for this shift assistance deployment shall be made as per the rates quoted by the contractor in **LLHS ANNEXURE – A3** and agreed upon by the owner and based on certification of the engineer-in-charge as per the actual shift technician present in the shifts. For non-availability / less shift technician in the shift, penalty will be imposed as per the penalty clause.
- c) The contractor shall depute qualified and adequate manpower in night shift/Sunday/holidays for any emergency job, which may come up at night/Sunday/holiday.

C. ASH HANDLING (AHS) C&I SYSTEM

(i) Brief Description of Ash Handling C&I System.

SLPP is having PLC systems supplied by **M/s Allen-Bradley and GE-FANUC** to control the processes of the Ash Handling system. The field instruments contain Electronics Pressure, Flow, Level, DP Transmitters, Switches, Pneumatic Valves, Dampers, ON-OFF Valves, Limit Switches, Position Transmitters, Solenoid Valves, Electric Actuators, Local Pressure, Temperature, Level, Differential Pressure Gauges, Panel instruments such as Recorders, Indicators, Scanners, Annunciation Windows, Electrical meters, Switches, etc. The list of Major Field instruments along with required frequency per year of maintenance and cleaning is enclosed herewith as **AHS ANNEXURE-A1 & AHS ANNEXURE-A2** respectively.

(ii) SCOPE OF WORK:

The scope of the work for the Contractor is to maintain the Control & Instrumentation System and Equipments by deploying qualified and skilled manpower.

- a) Scope of work includes Routine, Breakdown and Preventive maintenance of entire Instrumentation work in Ash Handling system. To carry out the above work Contractor has to deploy sufficient manpower. If required, Contractor has to deploy manpower in all the shifts.
- b) Checking of interlocks, inputs, outputs in the PLC, Troubleshooting through the ladder logic and rectification of the faults.
- c) Removal of Electronic Pressure, Flow, Level, Differential Pressure, Temperature Transmitters from the field, taking it to laboratory, Calibration and re-fixing of the same. Routine maintenance of the Electronic Transmitters e. g. cleaning, attending leakage of the impulse piping/tubing etc.
- d) Removal of Pressure, Level, Flow, Temperature, Differential Pressure Switches from the field, taking it to laboratory, calibrating and re fixing of the same. Routine maintenance of the switches e. g. cleaning, attending leakage of the impulse piping/tubing etc.
- e) Calibration and routine maintenance of Control valves, Dampers, Position Transmitters, Air Filter Regulators, Air Lock Relays, On-Off Valves, Limit Switch setting, Solenoid Valves, Pneumatic cylinders etc.



- f) Calibration and routine maintenance of panel instruments such as Recorders, Indicators, Meters, Temperature Scanners, Selector Switches, Push Buttons etc. Calibration and daily maintenance of field instruments such as Pressure, Temperature, Level, Differential Pressure gauges, Flow meters, Junction boxes, Local panels, Thermocouples, RTDs, Glass Thermometers, Limit Switches, cleaning, attending leakage of the impulse piping/tubing etc.
- g) Routine maintenance of PLC panels, Control desk, local panels, CRTs, Computers, and Printers etc.
- h) Instrumentation, Control and Communication cable lying of various sizes.
- i) Termination of cables with glanding, ferruling and lugging.
- j) 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.
- k) 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.
- l) All the miscellaneous activities pertaining to specific work to be executed for satisfactory performance is in the scope of contractor in his quoted rates.

D. PENALTY CLAUSE :-

1	Unsatisfactory Work (Improper Maintenance)	Rs 500.00 per instance.
2	Less than 90% achievement in completion of Preventive maintenance work per month against Preventive maintenance schedule issued by GIPCL without any justifiable reasons.	Penalty @ Rs 750.00 per every one percent reduction in preventive maintenance subject to a maximum of Rs 10,000/- per month.
3.	Delay in attending defect that occurred in shift maintenance beyond four working shift for reasons attributable to Contractor.	Rs 75.00 per defect per day.
4	Deployment of less than 1 Engineer/ Supervisor per day for supervision of Preventive maintenance work including Site In-charge (excluding Sunday's & paid holidays)	1.20 times the rate quoted and accepted by GIPCL for Engineer/Supervisor for Unforeseen job.
5	Deployment of Less Manpower in Shift maintenance.	0.20 times the rate quoted and accepted by GIPCL for respective category for Shift Maintenance/unforeseen job whichever is more.
6	Shortage of tools & tackles	Rs 200.00 per day per Tools & Plants
7	Shortage of measuring & testing instruments	Rs 200.00 per day per measuring & testing equipment
8	Damage to GIPCL Equipment /machinery	Free Replacement /repair of upto satisfaction of GIPCL OR 1.2 times cost of equipment GIPCL has paid. Erection will be done by contractor



9	Liquidated Damages	<p>In case of failure to adhere to time schedule by the contractor penalty will be levied at the discretion of Engineer In charge considering extent of delay in particular job. LD of 1% of the contract value per hour for the delayed job shall be deducted from the contractor's bill subject to a maximum of 5% of the Value of that particular job.</p>
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E. Common conditions for all three areas scope of work

- 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-In-charge 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 PM check sheet provided by the GIPCL, also after completion of the PM jobs, this duly filled PM check 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 manpower rates indicated in **LHS ANNEXURE-A1**
- 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. Communication equipment like mobile phone is to be provided to all responsible persons like site in charge, operation in charge, maintenance in charge, time keeper, store keeper and all engineers/supervisors. Any change in communication mode/number is to be intimated in writing to engineer in charge.
- h. Contractor should mobilize all resources for efficient & smooth execution of contract within 10 days from the date of issue of written intimation/Letter of Intent.
- i. GIPCL is an ISO 9001, ISO 14001, 45001 & 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 work in accordance with them.

1.1. SPECIFIC REQUIREMENT

Following performance is expected from the successful bidder while executing the work:-

- a) The percentage of Preventive maintenance achieved should be more than 90% of the total preventive maintenance planned in the month UNLESS any major breakdown has occurred and the manpower is diverted to attend the breakdown and more than 400 normal man-hours per month is utilized to attend the breakdown.
- b) Shift maintenance group should ensure that the defects occurring in the particular shift is attended and rectified in the same shift or carried over to the next shift if the reasons so arises. No process and protection interlocks should be bypassed to make the equipment functional unless otherwise advised so by concerned Engineer In-charge. All the defects that occurred in the shift, attended and carried forward for next shift with complete details of interlocks bypassed should be logged in the Shift log register. The Shift group should comprise of Two Technicians. No defects should be carried forward preferably beyond 3 working shift.

All preventive maintenance activities shall be thoroughly supervised by a qualified Engineer and all checklist of preventive maintenance shall be filled in by the Engineer himself. Any defect observed during preventive maintenance but could not be attended due to genuine reasons to be mentioned in the checklist. The engineer supervising the job should ensure good quality of the work as per modern practices and should have multidisciplinary approach so as to suggest the possible measures in case certain abnormality is observed by him which may affect the satisfactory operation of equipment in future. It is expected that the engineer supervising the job gives prompt feedback to GIPCL Engineer –in charge regarding any abnormality observed so as to witness the same by him, before equipment box-up.

1.2 FAILURE DURING EMERGENCY

During any emergencies, contractor shall have to carry out the work by deploying additional force within four hour notice period failing which GIPCL reserves the right to carry out this work by engaging other party. The expenditure occurred due to such situations, the Contractor will be held responsible & the same will be recovered from the Contractor's monthly bill / any other pending bills along with 15% overhead charges. For repetitive failure of such work for more than two incidents, GIPCL



reserve the right to terminate the entire contract by forfeiting all pending dues, Security Deposit & other retention money, if any, after giving 15 days notice to the contractor & this will be binding to the contractor.

1.3 SCOPE OF CONTRACTOR

1. All tools & tackles, to execute the contract will be in the scope of the contractor. The contractor should ensure for healthiness/working conditions of tools, tackles.
2. All safety/PPEs required during work at site are to be arranged by the contractor.
3. The Contractor shall have to provide necessary facilities including accommodation for their labor at their own cost.
4. The Contractor has to collect Spares and consumables from GIPCL stores/warehouse and shifting arrangement has to be made by Contractor at his own cost.
5. Contractor has to depute their full time experienced overall site-in-charge & independent Location/Package wise supervisors for work execution as per specification and for day to day work planning & coordination with respective department's Engineer-in-charge, to obtain day to day Location/Package wise work permits, to get daily location wise work supervision, to record Location/Package wise joint work done reports/measurements/trip certification, to prepare Location/Package wise separate bills, to prepare & apply Location/Package wise manpower gate pass, to maintain Location/Package wise statutory & legal compliance records, etc...
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.

1.4 TO REMEDY DEFECTIVE WORK

If the work or any portion thereof shall be damaged in any way excepting by the acts of the GIPCL, or if defects not readily detected by proper inspection shall develop before the final completion and acceptance of the whole work, the CONTRACTOR shall forthwith make good, without compensation, such damage or defects in a manner satisfactory to the ENGINEER / GIPCL. In no case shall defective or imperfect work be retained even if contractor followed all technical specifications. GIPCL will not compromise for quality of materials, works & workmanship.

The CONTRACTOR shall remain liable under the provisions of this clause notwithstanding the passing by the GIPCL of any certificate, final or otherwise or the passing of any accounts.

1.5 DAILY DIARY AND PROGRESS REPORT :

A daily diary register will be kept in the ENGINEER'S office. The CONTRACTOR will supply all detailed information every day at 9:00 hours for the day preceding and the diary will be jointly signed by the ENGINEER and the CONTRACTOR'S representatives, every day in token of its correctness. A works instruction book, serially numbered will also be kept in the ENGINEER'S office and all day to day instructions will be given in that book. The CONTRACTOR'S representative shall



report every day to see these instructions and sign them at the bottom in token of his having seen them.

The CONTRACTOR shall supply all information regarding procurement of materials and progress of work, as is required by the ENGINEER for compiling the weekly progress reports. This information shall be supplied by 9:00 hours on every Monday, for the preceding week.

2. PRICE & RATES

The rates quoted by the Bidder in the online Price Bid shall be inclusive of cost of all labor, supervision, cost of safety supervisor, shifting, transportation, loading, unloading, equipment, all tools & tackles, safety equipments & PPEs, Royalties, Rents, GST, Excise duty, Sales Tax, Stamp Duties, Central or State Government or Local body or Municipal Taxes or Duties, Turn over Tax, Work Contract Tax, VAT, Octroi duty and / or any other duty / tax levied by the Central, State Government or other Public bodies etc...and such other costs that are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work. The quoted rates shall be deemed to include for everything mentioned in the specification, all leads & lifts, contractor's overheads & profits for due performance of the work under this contract and such other costs that are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work. The rates shall also include cost for mobilization / demobilization of manpower, equipments, materials, etc...

The rates shall be firm for entire contract period and also during extension, if required and shall not be subject to any escalation in prices, idle charges for labor, machinery, overhead expenses etc. No price escalation / idle charges shall be due to any reason whatsoever.

The prices / item rates quoted by Bidder shall remain firm till completion of the contract period and any agreed extensions thereafter and shall not be subject to any escalation, other escalation, idle charges for labor, machinery, overhead expenses etc. No price escalation / idle charges shall be payable due to delay in work by contractor or due to non-availability of work front by GIPCL or any reason whatsoever.

The price/rate quoted by CONTRACTOR shall be considering mobilization of all required manpower, tools & tackles, materials, equipment for timely and satisfactory completion of all scope of work.

The value and/or quantum of work may be increased or decreased depending upon day to day requirement. However, item rates remains unchanged and the payment shall be made as per the actual quantity executed as informed & certified by GIPCL representatives.



3. CONTRACT PERIOD

Contract period will be two years from the date of commencement (mobilization period will be 15 days from the date of issue of Lol or Work Order whichever earlier).

4. TERMS OF PAYMENT

A. Conditions of Payment:

The contractor shall raise the location wise separate running invoices 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) Security deposit at 10% of annual contract value shall be submitted as per clause no.: 1 of Section-C.
- (iii) Goods and Service tax (GST) shall be paid along with bills after fulfillment of following terms.
 - (a) Submission of copy of registration certificate issued by GST Authority (to be furnished only once).
 - (b) Citing the GST Registration no. And the date of issue of registration certificate on invoices.
 - (c) Claim of GST amount with percentage (%) separately shown on the invoices.
 - (d) The contractor shall be required to submit the proof of payment of GST 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.
- (iv) At the time of submission of the first monthly RA Bill, the Contractor shall submit a certificate from Engineer-in-charge regarding availability of tools & tackles, equipments, vehicles etc at site as per list attached in the tender document (i.e. **Annexure-E**). The Contractor shall also furnish the checklist as per **ANNEXURE-A** enclosed with the Section-F of tender document along with the RA bill of respective month.
- (v) While making running account payment, following deductions may be done by GIPCL, if applicable :
 1. Cost of material issued, if any, by GIPCL and to the extent consumed in the work.
 2. Advance on material / work progress advance payments, if any.
 3. LD/penalty for delayed delivery, penalty for delayed execution of work, recovery of the charges for the work done by other contractor due to delay or any other reason, if applicable.



4. Any other dues recoverable by GIPCL from the contractor under the contract.
- (vi) The contractor along with monthly RA Bill shall submit copy of P.F. Challan, wages register of previous month, 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.
- (vii) The Contractor shall submit his Final Bill within a period of four 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 four months.
- (viii) 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 the total Contract Period and shall remain unaltered during the Contract Period.

5. SUBMISSION OF TECHNICAL DOCUMENTS TO THE ENGR-IN-CHARGE

Contractor shall submit following documents to the Engineer-in-charge for verification purpose of the bill:-

- (i) **Measurement sheet along with joint record of work done in the form of joint inspection report** duly signed by authorized representative of contractor and GIPCL Engineer.

The bill will not be entertained without submission of above documents.

6. SUBMISSION OF STATUTORY COMPLIANCES WITH EACH BILL

Contractor shall submit each RA Bill of the work carried out along with following documents.



- (i) Copy of statutory compliance like labour license, wages payment register, EC Policy, PF Paid challan with ECR, etc. along wage certificate pertaining to respective bill period.
- (ii) Notarized Indemnity bond as per Performa, in case of final bill.
- (iii) No Claim – No Arbitration certificate as per Performa, after releasing final bill payment.

Bill submitted without any of the above documents shall not be processed for payment.

7. MEASUREMENT & DAILY REPORTS

- a. 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 PM check sheet provided by the GIPCL, also after completion of the PM jobs, this duly filled PM check sheet is to be submitted duly signed to Engineer in charge.
- b. The contractor has to submit daily reports showing maintenance work carried out spare parts/ consumables etc. replaced.

8. MOBILIZATION AND EXECUTION

- a) Contractor shall mobilize the resources at site within 7 to 15 Days from the time the intimation given by GIPCL.
- b) Contractor shall provide required separate & independent site supervisors who will be responsible for supervision and execution of job in specified time with respect to quality, specifications, site preparations, safety, co ordination with GIPCL, issue of work permits, joint measurements, etc... The supervisors shall coordinate with the Engineer-in-charge of GIPCL for proper execution of the job.
- c) The resources required for execution of above jobs will vary from time to time, hence contractor shall mobilize the resources accordingly.
- d) Contractor shall provide accommodation for the persons deployed by him for the work at his own cost.

9. QUANTITY OF WORK

The estimated quantities of work required to be carried out by the contractor are as given in the Section-E (Schedule of Quantity) estimated and shall vary according to the exigencies of work at site. However, the rates quoted by Bidder shall remain firm irrespective of any variation in estimated quantities. Contractors shall engage required nos. of labors along with required tools & tackles as per work load and emergency situations throughout the contract period to perform his contractual duties.



In case, contract quantity/amount exhausted before completion of contract period, GIPCL reserve the rights to increase the quantities or contract amount for successful completion of entire contract period. Contractor shall responsible to complete the particular job up to entire satisfaction of Engineer-in-charge. The item rates remain firm & unchanged till completion of the contract and any agreed extensions thereafter and shall not be subject to escalation, idle charges for labor, machinery, overhead expenses etc... for any reason whatsoever. The quantum of work of individual item may be up to any extent depending upon requirement. However, item rate remains unchanged. Under this contract, contractor has to execute all work as per the Plant requirement.

10. GENERAL CONDITIONS OF CONTRACT

General Conditions of Contract (Section-C) and detail specification prepared by the company will be applicable for this contract. The same is enclosed herewith. Bidders are advised to go through the same.

Where any portion of the general conditions of contract is repugnant to or at variance with any provisions of the special conditions 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-E SCHEDULE OF QUANTITIES & RATES

Biennial Rate Contract for Control and Instrumentation Systems at Surat Lignite Power Plant - 4X125 MW, Phase 1 & 2 for the year 2023-25

MAINPLANT ANNEXURE-A1						
CALIBRATION & MAINTENANCE OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL FREQ. FOR 2 YRS	UNIT	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	CO ANALYZER	Calibration or Replacement of Analyzer or repair & Calibrate	12	NO	319.04	3828.48
2	CONDUCTIVITY TRANSMITTER	Repair/replace & Calibrate, probes cleaning/replace OR total installation of probe & Analyzer with calibration	50	NO	239.27	11963.50
3	CONTROL ELEMENTS (pneumatic)	Pneumatic Control valve's Maintenance like replacement of any components of control valve accessories i.e. positioner, position transmitter, I/P convertor, Air filters cleaning/replace, arresting air leakages with calibration of total system	452	NO	714.65	323021.80
4	DP GUAGES	Removal, replace/repairs, calibrate, installation	24	NO	157.39	3777.36
5	DP SWITCHES	Removal, replace/repairs, calibrate, installation, maintaining calibration records	150	NO	157.39	23608.50
6	DP TRANSMITTERS	Removal, replace/repairs, calibrate, installation, maintaining calibration records	372	NO	239.28	89012.16
7	FLOW INDICATING SWITCHES	Removal, replace/repairs, calibrate, installation	16	NO	157.39	2518.24
8	FLOW TRANSMITTER (DP TYPE)	Removal, replace/repairs, calibrate, installation, maintaining calibration records	612	NO	239.28	146439.36
9	FLOW INDICATOR/ROTAMETER	Removal, replace/repairs/clean, installation	90	NO	236.10	21249.00
10	LEVEL SWITCHES (COND/PROBE. TYPE)	Removal, replace/repairs, calibrate, installation	200	NO	236.10	47220.00
11	LEVEL SWITCHES (MAGNETIC)	Removal, replace/repairs, calibrate, installation	230	NO	236.10	54303.00
12	LEVEL SWITCHES (PADDLE)	Removal, replace/repairs, calibrate, installation	80	NO	239.27	19141.60



13	LEVEL TRANSMITTER(DIS PLC)	Repair/replacement of electronics, gaskets, torque tubes and calibration	96	NO	319.04	30627.84
14	LEVEL TRANSMITTER(OTHER THAN DP TYPE)	Removal, replace/repair, calibration and installation	50	NO	239.27	11963.50
15	LIMIT SWITCHES	Removal, replace/repairs/clean, functional check & installation	500	NO	118.04	59020.00
16	NOx ANALYZER	Calibration or Replacement of Analyser or repair & Calibrate	16	NO	357.33	5717.28
17	ON-OFF VALVES(PNEUMATIC)	Replacement or repair of On-OFF valve actuators, limit switches setting, AFR clean/replace, Solenoid clean/replace and functional check	224	NO	319.04	71464.96
18	OXYGEN ANALYZER	Repair/replace & Calibrate, probes cleaning/replace OR total installation of probe & Analyser with calibration	24	NO	476.43	11434.32
19	PaEX ANALYZER	Repair/replace & Calibrate, windows cleaning OR total installation of Analyser with calibration	8	NO	714.65	5717.20
20	pH TRANSMITTERS	Repair/replace & Calibrate, probes cleaning/replace OR total installation of probe & Analyser with calibration	62	NO	239.27	14834.74
21	POSITION TRANSMITTERS	Repair / Replace and/or Calibrate with valve stroke	570	NO	159.54	90937.80
22	PRESSURE GUAGES	Removal, Calibration in laboratory and installation or replacement	1140	NO	157.39	179424.60
23	PRESSURE SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	890	NO	239.28	212959.20
24	PRESSURE TRANSMITTER	removal, replace/repairs, calibrate, installation, maintaining calibration records	1812	NO	239.27	433557.24
25	RTDs/ THERMOCOUPLE	Replacement / Removal & checking / pair changing	598	NO	157.39	94119.22
26	SILICA ANALYZER	repair/replace & maintenance of all tubings, valves, cell, analyser, reagent replacement and calibration	12	NO	239.27	2871.24
27	SO ₂ ANALYZER	Calibration or Replacement of Analyser or repair & Calibrate	16	NO	357.33	5717.28
28	SOLENOID VALVES	Replace / Repair by replacing seals	780	NO	159.54	124441.20
29	SPEED SWITCHES	Speed sensor / controller replacement or repair or setting the speed switch	260	NO	159.54	41480.40



30	SPEED TRANSMITTERS	Speed sensor / transmitter replacement or repair or setting the gap and transmitter setting	32	NO	159.54	5105.28
31	TEMP. GAUGES	Removal, Calibration in laboratory and installation or replacement	630	NO	157.39	99155.70
32	TEMP. SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	180	NO	159.54	28717.20
33	TEMP. TRANSMITTERS	removal, replace/repairs, calibrate, installation, maintaining calibration records	300	NO	239.28	71784.00
34	WEIGHT TRANSMITTERS	Removal, replace/repairs, calibrate, installation, maintaining calibration records	40	NO	239.27	9570.80
35	VIBRATION SWITCH	Replacement, New installation, Adjustments	64	NO	157.39	10072.96
36	DIGITAL DISPLAY UNITS	Mounting, setting, repair	40	NO	238.21	9528.40
37	CABLE LAYING 1 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	18.36	7344.00
38	CABLE LAYING 2 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	600	MT R	18.36	11016.00
39	CABLE LAYING 4 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	27.56	11024.00
40	CABLE LAYING 6 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
41	CABLE LAYING 8 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
42	CABLE LAYING 12 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
43	CABLE LAYING 24 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
44	CABLE LAYING 48 PAIR 0.5 SQMM	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
45	TELEPHONE CABLE LAYING 2P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	18.36	7344.00
46	TELEPHONE CABLE LAYING 5P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	18.36	7344.00
47	TELEPHONE CABLE LAYING 10P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	27.56	11024.00
48	TELEPHONE CABLE LAYING 20P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	41.98	16792.00
49	TELEPHONE CABLE LAYING 50P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00



50	TELEPHONE CABLE LAYING 100P ARMOURED	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	52.45	20980.00
51	TELEPHONE CABLE LAYING 2P UNARMRD	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	13.11	5244.00
52	TELEPHONE CABLE LAYING 5P UNARMRD	Cable issue from warehouse, cable laying, dressing in cable trays	400	MT R	13.11	5244.00
53	CABLE TERMINATION PER PAIR	Glanding, Ferruling, Lugging and Termination	600	NO	53.16	31896.00
54	MAINTENANCE OF APPROX. 800 TELEPHONE LINES AND CONNECTIONS AVAILABLE AT PLANT AS WELL AS COLONY AND PUBLIC ADDRESS SYSTEM STATIONS ON REQUIREMENT BASIS INCL. KEEPING THE EXTENSIONS/LINES WORKING BY DEPLOYING REQUIRED RESOURCES/MANPOWER	LUMPSUM PER MONTH BASIS	24	NO	21722.08	521329.92
55	THERMOWELLS	Removal & Re-installation	100	NO	239.28	23928.00
56	PROTECTION CHECKING	Signal simulation from field for protection checking on per equipment basis	170	NO	239.28	40677.60
57	IMPULSE TUBING 1/2"	Bending, cutting, ferrules punching, proper dressing	300	MT R	78.70	23610.00
58	IMPULSE TUBING 1/4"	Bending, cutting, ferrules punching, proper dressing	200	MT R	78.70	15740.00
59	REMOVAL/REINSTALLATION of INSTRUMENTS	Removal & Re-installation of Instruments from equipments on per equipment basis	300	NO	319.04	95712.00
60	JUNCTION BOX INSTALLATION	Installation of Junction box by making mounting arrangements	20	NO	476.43	9528.60
61	PVC CASING CAPPING	Fixing PVC casing capping on wall by drilling holes	100	MT R	78.70	7870.00
62	PUBLIC ADDRESS SYSTEM	removal & installation of PA system station	20	NO	357.33	7146.60
63	AIR FILTER REGULATORS	Removal & Installation, servicing and pressure adjustments	150	NO	159.54	23931.00



64	VIBRATION PROBES	Removal & Installation, Connectors replacements, cable dressing and termination	200	NO	157.39	31478.00
65	STARTUP BURNER IGNITOR TRIAL	Taking trials of Ignitor, all SOVs, Gun Advance, Flame scanner and Resolving Problems, if any & installation of all instruments	40	NO	476.42	19056.80
66	CHLORINE LEAK DETECTORS	Removal & Installation, Servicing & Calibration	20	NO	157.39	3147.80
SUB TOTAL MAINPLANT ANNEXURE - A1						3460593.68

MAINPLANT ANNEXURE-A2						
CLEANING OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL L FREQ . FOR 2 YRS	UNI T	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	CO ANALYZER	Cleaning of Analyser, Filters, SOVs, Probes	24	NO	159.54	3828.96
2	DP GUAGES	Cleaning of Dials, Glass	220	NO	78.70	17314.00
3	DP SWITCHES	Cleaning, Connection tightening, Plastic covering, Gland checking	150	NO	78.68	11802.00
4	DP TRANSMITTERS	Cleaning, Connection tightening, Plastic covering, Gland checking	372	NO	78.70	29276.40
5	FLAME SCANNERS	Cleaning, Connection tightening, Plastic covering, Gland checking	32	NO	78.70	2518.40
6	FLOW INDICATING SWITCHES	Cleaning, Connection tightening, Plastic covering, Gland checking	280	NO	78.68	22030.40
7	FLOW TRANSMITTER (DP TYPE)	Cleaning, Connection tightening, Plastic covering, Gland checking	612	NO	78.70	48164.40
8	FLOW INDICATOR/ROTAMETER	Cleaning of Rotameter tubes and glass	56	NO	78.70	4407.20
9	LEVEL SWITCHES (COND/PROBE. TYPE)	Probe cleaning, Connection tightening, plastic covering	132	NO	78.68	10385.76
10	LEVEL SWITCHES (MAGNETIC)	Cleaning, Connection tightening, Plastic covering, Gland checking	436	NO	78.68	34304.48
11	LEVEL SWITCHES (PADDLE)	Probe cleaning, Connection tightening, plastic covering	32	NO	78.70	2518.40
12	LEVEL TRANSMITTER(DIS PLC)	Cleaning, Connection tightening, Gland checking	96	NO	79.76	7656.96
13	LEVEL TRANSMITTER(DP TYPE)	Cleaning, Connection tightening, Plastic covering, Gland checking	120	NO	78.70	9444.00



14	LIMIT SWITCHES	Cleaning, Connection tightening, Plastic covering, Gland checking	2000	NO	39.33	78660.00
15	ON-OFF VALVES(PNEUMATIC)	Cleaning, Connections tightening, plastic covering, lubricating (if required)	488	NO	79.77	38927.76
16	OXYGEN ANALYZER	Probe & Filter cleaning, Analyser panel cleaning, connection tightening, pastic covering	192	NO	159.53	30629.76
17	PaEX ANALYZER	Panel cleaning, windows cleaning, connection tightening, pastic covering	96	NO	159.54	15315.84
18	POSITION TRANSMITTERS	Cleaning, Connection tightening, Gland checking	848	NO	79.77	67644.96
19	PRESSURE GAUGES	Cleaning of Dials, Glass	3681	NO	52.46	193105.26
20	PRESSURE SWITCHES	Cleaning, Connection tightening, Plastic covering, Gland checking	986	NO	78.70	77598.20
21	PRESSURE TRANSMITTER	Cleaning, Connection tightening, Plastic covering, Gland checking	1812	NO	79.77	144543.24
22	PRINTERS	Cleaning, Connections tightening, lubricating (if required)	144	NO	79.77	11486.88
23	RTDs / THERMOCOUPLE	Cleaning, Connection tightening, Plastic covering, Gland checking	1196	NO	78.70	94125.20
24	SO ₂ , NO _x ANALYZER	Claening of Analyser, Filters, SOVs, Probes	16	NO	161.82	2589.12
25	SOVs	Cleaning, Connections tightening, Plastic covering	2242	NO	26.22	58785.24
26	SPEED SWITCHES	Probes & Transmitters cleaning, Connection tightening, plastic covering	260	NO	78.68	20456.80
27	SPEED TRANSMITTERS	Probes & Transmitters cleaning, Connection tightening, plastic covering	64	NO	78.70	5036.80
28	TEMP. GAUGES	Cleaning of Dials, Glass	2776	NO	52.46	145628.96
29	TEMP. SWITCHES	Cleaning, Connection tightening, Plastic covering, Gland checking	160	NO	78.70	12592.00
30	TEMP. TRANSMITTERS	Cleaning, Connection tightening, Plastic covering, Gland checking	300	NO	78.68	23604.00
31	VIBRATION PROBES	Cleaning, Probe tightening, Connections tightening, Plastic covering	1296	NO	53.16	68895.36
32	WEIGHT TRANSMITTERS	Cleaning, Connection tightening, Plastic covering, Gland checking	32	NO	79.76	2552.32
33	FTCs	Cleaning, Connections tightening, Plastic covering	104	NO	118.04	12276.16



34	JUNCTION BOXES	Cleaning, Connections tightening, Plastic covering	7252	NO	52.45	380367.40
35	MARSHALING CABINETS	Cleaning, Contacts tightening	36	NO	118.04	4249.44
36	SYSTEM CABINETS	Cleaning, Contacts tightening	540	NO	119.62	64594.80
37	REALY CABINETS	Cleaning, Contacts tightening	100	NO	119.63	11963.00
38	ACDBs	Cleaning, Contacts tightening	36	NO	119.63	4306.68
39	DCDBs	Cleaning, Contacts tightening	16	NO	119.63	1914.08
40	CRTs	Cleaning	648	NO	78.70	50997.60
41	SERVERs	Cleaning	96	NO	119.63	11484.48
42	VIBRATION PANELS	Cleaning, Contacts tightening	24	NO	119.63	2871.12
43	UPS	Cleaning, Contacts tightening	32	NO	119.63	3828.16
44	PLCs	Cleaning, Contacts tightening	56	NO	119.63	6699.28
45	SWAS PANELS/LOCAL PANELS	Cleaning of Panels & Sample handling system, Contacts tightening, SWAS probes cleaning, Plastic covering wherever required	200	NO	159.53	31906.00
46	IGNITOR	Removal, Installation, Trials, Cleaning of Igniters	96	NO	239.27	22969.92
47	ANALYSER SAMPLE LINE FLUSHING	Sample probe & filters cleaning, Sample line flushing, SOVs cleaning	192	NO	236.10	45331.20
SUB TOTAL MAINPLANT ANNEXURE - A2						1951588.38

MAINPLANT ANNEXURE-A3					
SUPPLY OF SHIFT ASSISTANCE					
SR. NO	DESCRIPTION	TOTAL FREQ . FOR 2 YRS	UNI T	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	SHIFT ASSISTANCE (ITI INSTRUMENT TECHNICIAN)	2193	NO	695.98	1526284.14
SUB TOTAL MAINPLANT ANNEXURE - A3					1526284.14



LLHS ANNEXURE-A1						
CALIBRATION & MAINTENANCE OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL L FREQ . FOR 2 YRS	UNI T	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	PRESSURE/DP GAUGE	Removal, Calibration in laboratory and installation or replacement	150	No.	405.60	60840.00
2	PRESSURE/DP SWITCH	removal, replace/repairs, calibrate, installation, maintaining calibration records	125	No.	405.60	50700.00
3	PRESSURE TRANSMITTER	removal, replace/repairs, calibrate, installation, maintaining calibration records	40	No.	497.79	19911.60
4	TEMPERATURE ELEMENT (RTD+TC)	Replacement / Removal & checking / pair changing	50	No.	405.60	20280.00
5	TEMPERATURE GAUGE	Removal, Calibration in laboratory and installation or replacement	50	No.	405.60	20280.00
6	TEMPERATURE SCANNERS	Removal, Installation, Repair, Cable terminations, Plastic covering	10	No.	495.15	4951.50
7	TEMPERATURE TRANSMITTER	removal, replace/repairs, calibrate, installation, maintaining calibration records	8	No.	285.65	2285.20
8	TEMP SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	50	No.	405.58	20279.00
9	FLOW SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	15	No.	347.93	5218.95
10	AIR FILTER REGULATOR, AIR FILTER REGULATOR + LUBRICATOR	Removal & Installation, servicing and pressure adjustments	50	No.	485.95	24297.50
11	AIR LIMIT SWITCH	Removal, Installation, Repair, Functional check	50	No.	400.33	20016.50
12	I/P CONVERTOR	Replacement, Repair, Calibration, Tubing, Termination	10	No.	342.38	3423.80
13	LIMIT SWITCHES (BLS, BACK UP LS, HEAVY DUTY LS IN S/R & FLAP GATES, LS BOX, POWER CYLINDER LS)	Removal, replace/repairs/clean, functional check & installation	150	No.	492.54	73881.00
14	PNEUMATIC ON-OFF ACTUATOR, CYLINDER, BLOW VALVES, 2&3 WAY VALVES	Replacement or repair of On-OFF valve actuators, limit switches setting, AFR clean/replace, Solenoid clean/replace and functional check	100	No.	1098.28	109828.00



15	POSITION/LEVEL TRANSMITTER	Repair / Replace and/or Calibrate	20	No.	310.25	6205.00
16	LEVEL SWITCHES (RF+PADDLE TYPE)	Removal, replace/repairs, calibrate, installation	20	No.	384.53	7690.60
17	BELT SWAY SWITCH	Contact checking, Repair / Replace, Lever Adjustment	75	No.	748.67	56150.25
18	MAGNETIC/PROXY MITY SWITCH	CALIBRATION,REPLACEMENT	80	No.	369.00	29520.00
19	PULL CORD SWITCH	CONTACT CHECKING, LEVER ADJUSTMENT, REPLACEMENT	400	No.	748.68	299472.00
20	AUTO DRAIN TRAP	OVERHAULING/REPLACEMENT WITH OPERATION CHECKING	20	No.	484.61	9692.20
21	SOLENOID VALVES (ALL TYPES)	Replace / Repair by replacing seals	250	No.	505.69	126422.50
22	FLAME SCANNER	CALIBRATION, TERMINAL TIGHTNESS, Replacement	20	No.	526.75	10535.00
23	BELT LOAD MONITOR /ZERO SPEED SWITCH	Speed sensor / controller replacement or repair or setting the speed switch	80	No.	505.69	40455.20
24	ELECTRONIC CONTROLLERS	CALIBRATION/REPLACEMENT WITH SET UP CHECKING	25	No.	453.01	11325.25
25	TAIL END EPB	REPLACEMENT /DEFECT	50	No.	491.71	24585.50
26	CABLE LAYING 1 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	900	MT R	6.69	6021.00
27	CABLE LAYING 2 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	900	MT R	8.65	7785.00
28	CABLE LAYING 4 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	9.84	3936.00
29	CABLE LAYING 6 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	10.63	4252.00
30	CABLE LAYING 8 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	11.80	4720.00
31	CABLE LAYING 12 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	12.97	5188.00
32	CABLE LAYING 24 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	13.77	5508.00
33	CABLE LAYING 2CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	7.46	2984.00
34	CABLE LAYING 4CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	9.05	3620.00
35	CABLE LAYING 7CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	9.84	3936.00
36	CABLE LAYING 14CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	11.02	4408.00
37	CABLE LAYING 24CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	12.58	5032.00
38	CABLE LAYING 37CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	13.77	5508.00



39	GLANDING AND TERMINATION BOTH END	GLANDING AND TERMINATION BOTH END UP TO 8 PAIR(2,3,4 CORE CABLE)	300	MT R	92.18	27654.00
40	COPPER / PU TUBE LAYING OF 6, 8 & 10 MM OD (03mtr =1no)	LAYING, DRESSING, CLAMPING	100	No.	31.48	3148.00
41	PULL CORD ROPE LAYING	LAYING, DRESSING AND CLAMPING	1001	MT R	8.13	8138.13
42	ENGINEER/SUPERVISOR FOR UNFORESEEN JOBS		1	DAY	389.94	389.94
43	TECHNICIAN FOR UNFORESEEN JOBS		1	DAY	380.19	380.19
44	HELPER FOR UNFORESEEN JOBS		1	DAY	370.45	370.45
SUB TOTAL LLHS ANNEXURE - A1						1161225.26

LLHS ANNEXURE-A2						
CLEANING OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL FREQ. FOR 2 YRS	UNIT	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	PRESSURE/DP GAUGE	CLEANING	900	NO	57.14	51426.00
2	PRESSURE/DP SWITCH	CLEANING, PLASTIC COVERING	800	No.	64.59	51672.00
3	PRESSURE TRANSMITTER	CLEANING, PLASTIC COVERING	120	No.	64.59	7750.80
4	TEMPERATURE GAUGE	CLEANING	300	No.	57.14	17142.00
5	TEMPERATURE SCANNERS	CLEANING, PLASTIC COVERING	100	No.	64.59	6459.00
6	TEMPERATURE SWITCHES & TEMP SWITCH CUM GAUGE	CLEANING, PLASTIC COVERING	450	No.	64.59	29065.50
7	TEMPERATURE TRANSMITTER	CLEANING, PLASTIC COVERING	8	No.	62.12	496.96
8	TEMP SWITCHES	CLEANING, PLASTIC COVERING	250	No.	64.59	16147.50
9	FLOW SWITCHES	CLEANING, PLASTIC COVERING	100	No.	64.59	6459.00
10	FLOW TRANSMITTER	CLEANING, PLASTIC COVERING	12	No.	64.59	775.08



11	AIR FILTER REGULATOR, AIR FILTER REGULATOR + LUBRICATOR	FILTER CLEANING	300	No.	86.96	26088.00
12	AIR LIMIT SWITCH	CLEANING, PLASTIC COVERING	150	No.	74.54	11181.00
13	LIMIT SWITCH BOX	CLEANING PLASTIC COVERING	50	No.	154.04	7702.00
14	I/P CONVERTOR	CLEANING, PLASTIC COVERING	12	No.	74.54	894.48
15	LIMIT SWITCHES (BLS, BACK UP LS, HEAVY DUTY LS IN S/R & FLAP GATES, LS BOX, POWER CYLINDER LS)	CLEANING, PLASTIC COVERING	600	No.	104.35	62610.00
16	PNEUMATIC ON-OFF ACTUATOR/CYLINDER, BLOW VALVES, 2&3 WAY VALVES	CLEANING	250	No.	161.51	40377.50
17	LEVEL SWITCHES (RF, PADDLE)	CLEANING	260	No.	104.35	27131.00
18	MAGNETIC/PROXIMITY SWITCH	CLEANING	280	No.	104.35	29218.00
19	ZERO SPEED SWITCH	CLEANING, PLASTIC COVERING	660	No.	104.35	68871.00
20	AUTO DRAIN TRAP	CLEANING	70	No.	136.66	9566.20
21	SOLENOID VALVES (ALL TYPES)	CLEANING	1300	No.	62.12	80756.00
22	FIELD JUNCTION BOXES(50TB AND ABOVE)	CLEANING, PLASTIC COVERING	400	No.	248.46	99384.00
23	FIELD JUNCTION BOXES(BELOW 50 TB)	CLEANING, PLASTIC COVERING	600	No.	198.77	119262.00
24	FLAME SCANNER	CLEANING, PLASTIC COVERING	24	No.	99.39	2385.36
25	METAL DETECTOR	CLEANING, PLASTIC COVERING	40	No.	248.46	9938.40
26	SOUND LEVEL SYSTEM	CLEANING, PLASTIC COVERING	32	No.	228.57	7314.24
27	VIBRATION SYSTEM	CLEANING, PLASTIC COVERING	60	No.	238.52	14311.20
28	BAG FILTER PANEL	CLEANING, PLASTIC COVERING	50	No.	198.77	9938.50
29	BELT WEIGHER PANEL	CLEANING, PLASTIC COVERING	80	No.	223.61	17888.80
30	BOOM HYDRAULIC PANELWITH ALL INST.	CLEANING, PLASTIC COVERING	32	No.	372.71	11926.72
31	AIR DRIER PANEL	CLEANING, PLASTIC COVERING	10	No.	193.8	1938.00
32	CONTROL DESK WITH ALL INSTRUMENT	CLEANING, PLASTIC COVERING	80	No.	484.52	38761.60



33	STACKER RECLAIMER ANNUNCIATION PANEL	CLEANING, PLASTIC COVERING	30	No.	409.97	12299.10
34	TAIL END EPB	CLEANING, PLASTIC COVERING	200	No.	97.32	19464.00
35	FAS & PRU PANELS	CLEANING, PLASTIC COVERING	100	No.	335.43	33543.00
36	LEVEL TRANSMITTER	CLEANING, PLASTIC COVERING	20	No.	49.7	994.00
37	SEQUENTIAL TIMER	CLEANING, PLASTIC COVERING	36	No.	99.39	3578.04
38	HAG PANEL WITH ALL INDICATORS	CLEANING OF PANEL & INDICATOR(03), CONTROLLER (3) PUSH BUTTON, CABLE TERMINATION TIGHTNESS,	32	No.	536.72	17175.04
39	PLC PANELS	CLEANING OF PANEL & CARDS, CABLE TERM TIGHT NESS, BATTERY CHECKING	250	No.	536.69	134172.50
40	COMPUTER WITH MONITOR	CLEANING	96	No.	74.86	7186.56
41	K-PUMP PANEL WITH ALL INSTRUMENT	CLEANING	24	No.	484.52	11628.48
42	REDUNDENT UPS PANEL	CLEANING	16	No.	484.52	7752.32
43	PULL CORD/BELT SWAY CLEANING AND PLASTIC COVERING	CLEANING AND PLASTIC COVERING	800	No.	62.12	49696.00
SUB TOTAL LLHS ANNEXURE - A2						1182326.88

LLHS ANNEXURE-A3					
SUPPLY OF SHIFT ASSISTANCE					
SR. NO	DESCRIPTION	TOTAL FREQ. FOR 2 YRS	UNIT	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	SHIFT ASSISTANCE (ITI INSTRUMENT TECHNICIAN)	4386	No.	631.08	2767916.88
SUB TOTAL LLHS ANNEXURE - A3					2767916.88



AHS ANNEXURE-A1						
CALIBRATION & MAINTENANCE OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL FREQ. FOR 2 YRS	UNIT	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	PRESSURE GAUGES	Removal, Calibration in laboratory and installation or replacement	200	No.	133.49	26698.00
2	PRESSURE SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	100	No.	213.58	21358.00
3	PRESSURE TRANSMITTER	removal, replace/repairs, calibrate, installation, maintaining calibration records	40	No.	266.98	10679.20
4	RESISTANCE TEMPERATURE DETECTOR(RTD)	Replacement / Removal & checking / pair changing	8	No.	173.55	1388.40
5	TEMPERATURE GAUGES	Removal, Calibration in laboratory and installation or replacement	140	No.	160.19	22426.60
6	TEMPERATURE SCANNERS	CALIBRATION, CONTACT CHECKING	12	No.	438.5	5262.00
7	TEMPERATURE SWITCHES	removal, replace/repairs, calibrate, installation, maintaining calibration records	100	No.	213.58	21358.00
8	HT MOTOR T/C "T" TYPE	CONTINUITY & CALIBRATION /REPLACEMENT	16	No.	186.89	2990.24
9	DIFFERENTIAL PRESSURE SWITCHES	CALIBRATION, CONTACT CHECKING	40	No.	213.58	8543.20
10	FLOW SWITCHES (FLAP TYPE)	CONTACT CHECKING, ADJUSTMENT	8	No.	213.58	1708.64
11	LIMIT SWITCH BOX	CONTACT CHECKING, ADJUSTMENT	150	No.	133.49	20023.50
12	I/P CONVERTOR	CALIBRATION	8	No.	293.68	2349.44
13	LIMIT SWITCHES /PROXIMITY SWITCH	CONTACT CHECKING, ADJUSTMENT	800	No.	186.89	149512.00
14	PNEUMATIC ON-OFF CYLINDER	STROKE CHECKING,OVERHOULING	800	No.	538.15	430520.00
15	PNEUMATIC ON-OFF ACTUATOR	STROKE CHECKING,OVERHOULING	420	No.	478.37	200915.40
16	PNEUMATIC CONTROL VALVE	STROKE CHECKING,OVERHOULING	8	No.	478.37	3826.96
17	DIAPHRAM VALVE FOR BAG FILTER	STROKE CHECKING,OVERHOULING	240	No.	192.22	46132.80
18	LEVEL TRANSMITTER (ULTRASONIC/RADAR TYPE)	CONTACT CHECKING, ADJUSTMENT	20	No.	200.23	4004.60



19	LEVEL SWITCH (RF /MAGNETIC/CONDCT.)	CONTACT CHECKING, ADJUSTMENT	400	No.	200.23	80092.00
20	SOLENOID VALVES	OVERHAULING/ REPLACEMENT	1000	No.	200.23	200230.00
21	BAG FILTER PANELWITH TIMER	CABLE CHECKING, TERMINAL TIGHTENING	16	No.	213.58	3417.28
22	TEMP GAUGE CUM SWITCH FOR HT MOTOR	CALIBRATION, CONTACT CHECKING	16	No.	213.58	3417.28
23	RUBBER HOSE /SS / COPPER TUBING 1 METER LENTH	REPLACEMENT	800	No.	40.04	32032.00
24	CABLE LAYING 1 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	10.68	4272.00
25	CABLE LAYING 2 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	400	MT R	10.68	4272.00
26	CABLE LAYING 12 PAIR 0.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	250	MT R	16.65	4162.50
27	CABLE LAYING 4CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	250	MT R	13.31	3327.50
28	CABLE LAYING 7CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	250	MT R	16.01	4002.50
29	CABLE LAYING 14CORE 2.5 SQMM	CABLE LAYING, DRESSING, CLAMPING	250	MT R	23.3	5825.00
30	CABLE GLANDING & TERMINATION	GLANDING, FERRULING,LUGGING,TERMINATION	200	No.	33.26	6652.00
SUB TOTAL AHS ANNEXURE - A1						1331399.04

AHS ANNEXURE-A2						
CLEANING OF INSTRUMENTS						
SR. NO.	DESCRIPTION	MAINTENANCE TYPE	TOTAL FREQ. FOR 2 YRS	UNIT	SOR rates without GST (Rs.)	Total Amount for 2 year without GST (Rs.)
1	PRESSURE GAUGES	CLEANING/TIGHTNING	400	NO	80.10	32040.00
2	PRESSURE SWITCHES	CLEANING/TIGHTNING	250	No.	80.10	20025.00
3	PRESSURE TRANSMITTER	CLEANING/TIGHTNING	150	No.	80.09	12013.50
4	TEMPERATURE GAUGES	CLEANING/TIGHTNING	210	No.	80.10	16821.00
5	TEMPERATURE SWITCHES	CLEANING/TIGHTNING	200	No.	80.10	16020.00
6	DIFFERENTIAL PRESSURE SWITCHES	CLEANING/TIGHTNING	120	No.	80.10	9612.00



7	FLOW SWITCHES (FLAP TYPE)	CLEANING/TIGHTNING	24	No.	80.10	1922.40
8	LIMIT SWITCH BOX	CLEANING/TIGHTNING	400	No.	93.44	37376.00
9	LIMIT SWITCHES	CLEANING/TIGHTNING	800	No.	85.44	68352.00
10	PNEUMATIC ON-OFF CYLINDER	CLEANING/TIGHTNING	2000	No.	138.82	277640.00
11	PNEUMATIC ON-OFF ACTUATOR	CLEANING/TIGHTNING	1536	No.	133.49	205040.64
12	PNEUMATIC CONTROL VALVE	CLEANING/TIGHTNING	24	No.	133.49	3203.76
13	LEVEL TRANSMITTER(RADAR/ULTRASONIC TYPE)	CLEANING/TIGHTNING	24	No.	133.49	3203.76
14	LEVEL SWITCH (RF/MAGNETIC/CONDUCTIVITY)	CLEANING/TIGHTNING	500	No.	93.44	46720.00
15	SOLENOID VALVES	CLEANING/TIGHTNING	2400	No.	106.80	256320.00
16	FIELD JUNCTION BOXES	CLEANING/TIGHTNING	400	No.	226.93	90772.00
17	BAG FILTER PANEL WITH TIMER	CLEANING/TIGHTNING	40	No.	226.93	9077.20
18	ELECTRONIC CONTROLLERS	CLEANING/TIGHTNING	24	No.	218.92	5254.08
19	CONTROL/OPERATOR DESK WITH ALL INSTRUMENT	CLEANING/TIGHTNING	18	No.	571.26	10282.68
20	PRINTER	CLEANING	6	No.	213.58	1281.48
21	PLC PANELS	CLEANING/TIGHTNING	96	No.	571.26	54840.96
22	COMPUTER WITH MONITOR	CLEANING	30	No.	106.80	3204.00
23	LOCAL CONTROL PANEL	CLEANING/TIGHTNING	125	No.	347.08	43385.00
24	TEMP GAUGE CUM SWITCH FOR HT MOTOR	CLEANING/TIGHTNING	60	No.	106.80	6408.00
SUB TOTAL AHS ANNEXURE - A2						1230815.46



SUMMARY :

Sr. No.	Plant & Maintenance type	Total Amount for 2 year without GST (Rs.)
1	Main Plant -ANNEXURE-A1 - Calibration of Instruments	34,60,593.68
2	Main Plant - ANNEXURE-A2 - Cleaning of Instruments	19,51,588.38
3	Main Plant - ANNEXURE-A3 - Shift Manpower Supply	15,26,284.14
4	LLHS -ANNEXURE-A1 - Calibration of Instruments	11,61,225.26
5	LLHS - ANNEXURE-A2 - Cleaning of Instruments	11,82,326.88
6	LLHS - ANNEXURE-A3 - Shift Manpower Supply	27,67,916.88
7	AHS -ANNEXURE-A1 - Calibration of Instruments	13,31,399.04
8	AHS - ANNEXURE-A2 - Cleaning of Instruments	12,30,815.46
	TOTAL AMOUNT WITHOUT GST IN Rs.	1,46,12,149.72

Total Contract Value (Without Goods and Service Tax) **Rs.1,46,12,149.72**



SECTION-F

LIST OF ANNEXURES& FORMS

2 ANNEXURE-A

CHECK LIST FOR PASSING THE BILLS (BIENNIAL MAINTENANCE CONTRACT)

For the month of _____

1. Work order/PO no. & contract value : _____
2. Nature of work : _____
3. Duration of work order : From _____ to _____
4. Maxi. No. of manpower per day deployed in the month : M _____ F _____ Total _____
5. Details of labour license : Valid up to _____ for _____ persons
6. Details of E.C. policy : Valid up to _____ for _____ persons
7. Documents attached for verification for the previous month : Wage & attendance sheets Yes/No
: PF Challan Yes/No
8. Documents attached for verification (In case of final bill) : Bonus payment Register Yes/No
: Leave wage Register Yes/No
9. Security deposit / Retention money lying with Co. : Yes/No. If yes, Rs. _____

Date: _____

Signature of the contractor
with official stamp.



3 ANNEXURE-B

PROFORMA FOR CONTRACT SECURITY-CUM-PERFORMANCE GUARANTEE BY SELLER / CONTRACTOR.

(To be executed on non-judicial stamped paper of approximate value)

B. G. No.....

Date:

1. WHEREAS Gujarat Industries Power Company Limited having its office at PO: RANOLI, Dist. Vadodara – 391 350, Gujarat State, India (hereinafter referred to as "The Company/Owner" which expressions shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has entered into a contract with M/s...../has placed a purchase order on M/s..... (hereinafter referred to as "Contractor(s)/ Seller(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) foron the terms and conditions as set out inter alia, in the Company's contract No./ P.O.No.....dateand various documents forming part thereof hereinafter referred to as the "said contract" which expression include all amendments, modifications and/ or variations thereto and where as the Contractor(s)/ Seller(s) has agreed for due execution of the entire contract and guarantees its performance including any parts executed through any other agencies/ subcontractors

AND WHEREAS one of the conditions of the "said contract" is that "contrador(s)/seller(s) shall furnish to the owner a Bank Guarantee from a bank for% (.....percent) of the total value of the "said contract" against due and faithful performance of the "said contract" including performance guarantee obligations of the contractor(s)/seller(s) for execution/ supplies made under the "said contract."

2. WeBank having its branch office atdo hereby agree and undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Company stating that in the opinion of the Company, which is final & binding, the amount claimed is due by reason of default made by the Contractor(s)/ Seller(s) in performing any of the terms & conditions of the said Contract including defect liability obligations, in fulfilling the performance guarantee obligation or loss or damage caused to or would be caused to or suffered by the Company by reason of any breach by the said Contractor (s)/ Seller(s) of any of the terms & conditions of the contract. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to Rs. (Rupeesonly).



3. We undertake to pay to the Company any money so demanded not withstanding any dispute or disputes raised by the contractor(s)/ Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the Contractor(s)/ Seller(s).
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said Contractor(s)/ Seller(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. The guarantee will remain valid up days or _____ whichever is earlier. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that if this guarantee is extended for a period as mutually agreed between bidder & owner/purchaser, the guarantee shall be valid for a period so extended provided that a written request for such extension is received before the expiry of validity of guarantee.
6. We Bank further agree with the Company that the company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract(s)/ Order(s) or to extend the time of performance by the said Contractor(s) Seller(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor(s)/ Seller(s) and to forbear or enforce any of the terms and conditions relating to the said Contract(s)/ Order(s) and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor (s) / Seller(s) or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the said Contractor(s)/ Seller(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs.....(Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry we shall be discharged from all the liabilities under this guarantee.

Date

.....Bank
Corporate Seal of Bank
By its constitutional Attorney

Signature of Duly Authorized Person
On behalf of the Bank with Seal &
Signature code



4 ANNEXURE-C

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(To be executed on non-judicial stamped paper of appropriate value)

Bank Guarantee No.....

Date.....

1. WHEREAS Gujarat Industries Power Company Limited having its office at PO: RANOLI, Dist. Vadodara – 391 350, Gujarat State, India (hereinafter referred to as "The Company/Owner" which expressions shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has issued Tender paper vide its Tender No. for (hereinafter called "the said tender") to M/s. (hereinafter called "the said tenderer(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) and as per terms and conditions of said tender, the tenderer shall submit a Bank Guarantee for Rs. (Rupees Only) towards earnest money in lieu of cash.
2. We Bank having its branch office atdo hereby agree and undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Company stating that in the opinion of the Company, which is final & binding, the amount claimed is due because of any withdrawal of the tender or any material alteration to the tender after opening of the tender by way of any loss or damage caused to or would be caused or suffered by the company by reason of any breach by the said tenderer(s) of any of the terms and condition contained in the said tender or failure accept the letter of Intent Agreement or that the amount covered under this Guarantee is forfeited. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupeesonly).
3. We undertake to pay to the Company any money so demanded not withstanding any dispute or disputes raised by the tenderer(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the tenderer(s).
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said tenderer(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.



5. We Bank Ltd. further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the finalization of the said tender and that it shall continue to be enforceable till the said tender is finally decided and order placed on the successful tenderer(s) and or till all the dues of the company under or by virtue of the said tender have been fully paid and its claims satisfied or discharged or till a duly authorized officer of the company certifies that the terms and conditions of the said tender have been fully and properly carried out by the said tenderer (s) and accordingly discharges the guarantee.
6. That the Owner Company will have full liberty without reference to us and without affecting this guarantee to postpone for any time or from time to time the exercise of any of the power of the owner under the tender.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs. (Rupees Only) and shall remain in force till. (Date to be filled up shall be 180 days from the date of submission of Bid).

Date

.....Bank
Corporate Seal of Bank
By its constitutional Attorney

Signature of Duly Authorized Person
On behalf of the Bank with Seal &
Signature code



5 ANNEXURE-D

PERFORMA CERTIFICATE (No claim, No arbitration)

To,
Chief 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 Lol 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.



6 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

Note : Form-A of Bid without Price shall be submitted with Part-I.



7 ANNEXURE - E

LIST OF MINIMUM TOOLS AND TACKLES TO BE PROVIDED BY THE CONTRACTOR (TENTATIVE)

List of tools and tackles for BMC of C&I systems 2023-25

Sr. No	Name of tools and tackles	MIN QTY		
		MAIN PLANT	LHS	AHS
1	Fixed (Double ended) spanner sets (6 to 22 mm), Taparia make	12 set	12 set	03 set
2	Fixed (Double Ended) Spanners (21x23, 24x26, 24x27, 25x28, 30x32) Taparia make	02 set	12 set	03 set
3	Ring spanner sets (6 to 22 mm), Taparia make	12 set	12 set	03 set
4	Ring Spanners, 21x23, 24x26, 24x27, 25x28, 30x32 Taparia make	02 set	12 set	03 set
5	Slogging Open End Spanner size 32 mm	01 No.	-	-
6	Slogging Ring Spanner Size ; 32 mm	01 No.	-	-
7	Adjustable spanner sets (size 8, 10 & 12)	12 set	12 set	03 set
8	Adjustable spanner sets (size 6)	-	-	03 no
9	Box spanner sets (Socket Set) 6 to 22 mm Sockets and accessories, Taparia make	01 set	01 set	01 set
10	Allen key sets (Inches size 1/16 to 3/8) Taparia make	06 set	12 set	03 set
11	Allen key sets (MM size 1.5 to 10 mm) Taparia make	12 set	12 set	03 set
12	Hammers-500 gms	03 nos	02 no	02 no
13	Sledge Hammers-1800 gms	01 no	02 no	02 no
14	Chisels, (Cutting edge : 16mm)	02 no	2 no	
15	Chisels 150mm & 250mm	-	-	01 set
16	Tube cutters and benders (1 cutter & 2 benders of 1/4", 1/2")	01 set	-	01 set
17	Center punch, 100mm length	02 no	02 no	01 no
18	Hollow punch (Leather Punch) Hole size 6mm & 10mm	01 each	-	01 each
19	Number & Letters Punch	01 set	-	-
20	Hacksaws Big (with 10 Nos High speed blades)	2 set	5 set	3 set
21	Junior Hacksaw (with blades)	12 no	12 no	3 no
22	Drilling machine with Hammer facility, with Drill Bits (Bit sizes : For metal drill - 3, 5, 6, 8 & 10 mm, For Concrete Drill - 6, 8 & 10 mm)	1 set	1 set	1 set
23	Hand Grinder	01 No.	-	-
24	Hole Saw cutters of size 20, 25 & 30mm with drill bit)	01 each	01 each	01 each
25	Flat Files, Length 200mm, 2nd cut & Smooth	06 no each	01 each	03 each
26	Round File, 150mm, smooth	06 nos	01 each	03 each
27	Half Round Files, 150mm, Smooth	03 nos	01 each	03 each
28	Crimping tools for RJ Connectors	02 no	-	-



29	Long Nose pliers	12 nos	12 nos	03 no
30	Combination pliers	12 nos	12 no	03 no
31	Water pump pliers, length : 200	12 nos	02 no	3 Nos
32	Pipe Wrenches, length :250	12	-	-
33	Pipe wrench 12", 14", 24"		2 No	1
34	Wire strippers/cutters	12 nos	12 nos	06 nos
35	Multi meters, Make : Meco	12 nos	15 no	07 nos
36	Soldering irons, soldering wires, De-soldering pump, soldering paste	2 set	-	-
37	Line Tester, with Neon Bulbs Taparia	12 nos	13 no	07 nos
38	Screw Driver (-), Length 150, Blade 5 x 0.8	12 nos	-	-
39	Screw Driver (-), Length 400, Blade 10 x 1.5	2 nos	-	-
40	Screw Driver (+), Philips Tip no.1	12 nos	-	-
41	Screw Driver Sets (3.5 x 0.5, 4.3 x 0.6, 6 x 0.8, Philips no.1, Philips no.2, Square poker, round poker, wooden screw type)	12 set	10 nos	-
42	Insulated Screw Driver (-), Length 400, Blade 10 x 1.5	-	4 Nos	
43	Flat Insulated Screw driver (Taparia make, type- 934,936, 939, 842 825, 827,931)	-	-	4 set
44	Star screw driver set (Taparia make, type-831, 851, Philips tip 2 150mm tip 3 300mm)	-	-	4 set
45	Insulated Screw Driver (-) Type 903 IBT, 827 I	-	10 set	-
46	Precision screw driver sets	12 nos	02 set	03 set
47	Torches, SYSKA LED Make, 5W, Rechargeable	12 nos	12 no	03 nos
48	Tool bags	12 nos	12 no	03 nos
49	Pressure Gauge pointer puller	3 nos	06 no	02 nos
50	Hand carts for movement of material	01 no	01 No.	
51	Chain pulley block	01 no		
52	Nut driver set (06mm 8 mm 10mm)		12 set	03 set
53	Blower (industrial duty type)	02 nos	02 no	01 nos
54	Knife with spare blades Taparia make	12 nos	12 no	06 nos
55	Tin cutter, size 200 mm	01 no	-	-
56	Circlip plier (Inner & Outer)	2 no each	2 set	03 nos
57	Tool Box	-	-	03 nos
58	Lug Crimping tool for up to Lug size 4 sqmm	01 no	02 no	01 no
59	Rain Coats (Every Year)	-	13 nos	5 nos
60	Gum boots (Every Year)	-	13 nos	5 nos

Various consumables and laboratory instruments required for calibration of field instruments shall be provided by GIPCL. The contractor has to calibrate the instruments at GIPCL's instrument laboratory. The contractor has to collect the consumables from GIPCL store/warehouse and shifting arrangement has to be made by contractor.



8 ANNEXURE-F

(Performa for daily work done report / Measurement sheet)

DAILY WORK DONE REPORT - C&I

Name of Work :
 Name of Agency :
 Work Order No. :

Date :

A) PREVENTIVE MAINTENANCE

SR NO	DESCRIPTION (With Tag Nos.)	QTY	SERVICE NO.	PTW NO & DATE

ABSTRACT	
Ser. NO.	QTY

B) BREAK DOWN MAINTENANCE

SR NO	DESCRIPTION (With Tag Nos.)	QTY	SERVICE NO.	PTW NO & DATE

ABSTRACT	
Ser. NO.	QTY

C) MANPOWER DETAILS

	Category	Total
1	Site Incharge	
2	Skilled	

	Category	Total
3	Semiskilled - G- Shift	
4	Semiskilled - A/B/C Shift	

Contractor's Site Incharge
 Name & Sign

Engineer-In-Charge
 Name & Sign



9 ANNEXURE-G

Declaration Cum Undertaking for Safety Laws and Regulations Compliance

(To be submitted on Company's Letter Head)

I _____ on behalf ofName of Party/Company.....hereby confirm, agree and undertake that all the Statutory and Safety Laws and Regulations of the applicable Authority/ies shall be strictly followed for all types of works at the site during the period of the Contract, if awarded to me.

Signed and Stamped by the
Authorized Signatory
Of the Bidder

10 ANNEXURE-H

Declaration for Contractual Litigations

(To be submitted on Company's Letter Head)

I _____ on behalf ofName of Party/Company.....hereby confirm that I/We have

- a. Not invoked legal recourse e.g. litigation against any Govt, of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations for the last Three (03) years. There are no ongoing/pending legal matter(s) with any of the Govt. of Gujarat Undertakings / GoG supported Companies, including GIPCL.

Please Tick ()

OR

- b. Invoked legal recourse e.g. litigation against any Govt. of Gujarat Undertakings /Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / Organizations for the last Three (3) Years.

Please Tick ()

If "b" is applicable please submit the details for the same.

The above is true, as on date, to the best of my knowledge. Any breach / false statement in this regards shall amount to disqualification of the Bid being submitted herein.

Signed and Stamped by the
Authorized Signatory
Of the Bidder.



11 ANNEXURE-I

SCHEDULE OF DEVIATION FROM GENERAL AND TECHNICAL SPECIFICATIONS AND COMMERCIAL TERMS AND CONDITIONS

All the deviations from the terms & conditions of the contract 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 Tender 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 Tender document, then the latter shall govern and will be binding on the BIDDER for quoted price.

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE



12 **ANNEXURE-J**

PARTICULARS OF THE BIDDER

Sr. No.	Particulars	Please Provide Information here
1.	Name of Bidder	
2.	a. Registered Office Address: b. Address for Correspondence : c. Email ID	
3.	Contact Details : Contact Person Name : Telephone No. : Mobile No. :	
4.	Year of Establishment PAN No. GST No.	

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE



13 ANNEXURE-K PROCEDURE FOR MAKING ONLINE PAYMENT OF TENDER FEE

1. For making online payment, first go to the website: www.gipcl.com
2. Then, click on the caption/link as can see like:
“Click here for Making Online Payment of Advance for Ash, DM water etc.”
(The link is visible as horizontal highlighted below Tenders - News & Update Section. Can be seen in below screenshot)
3. After clicking the link the new page will open. On this page, No need to enter User Name and Password. Directly click on “Payment Form” given below the sign in option.
4. After clicking the “Payment Form”, the vendor has to enter the details asked which will be self explanatory. It is desired that all the information may be filled correctly so that the payment made can be tracked.

If the some required fields are not known / available, vendor may write “Not Available” and then proceed. E.g. some information like Party code is not available to vendor or GST No. not available with vendor.

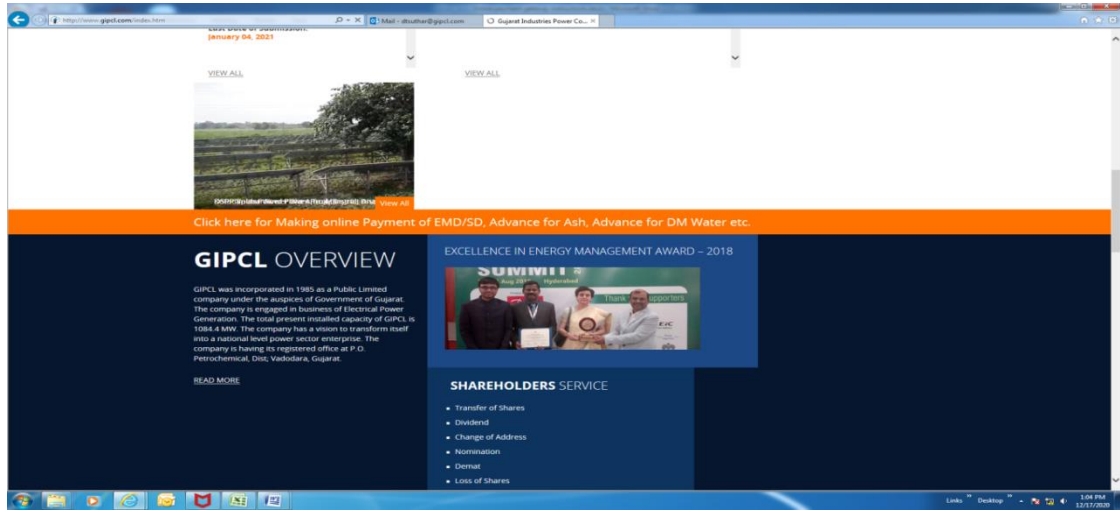
Optional Note: Although mentioned as above can be proceeded with “Not available”, It will be appreciated that regular vendors may obtain the party code from Materials Dept. or Concerned Person, so that the vendor can be identified. The same party code may be used for future transactions also.

After entering the details, click on SUBMIT Button.

5. The vendor/Party will be redirected to Payment Gateway.
By selecting the desired payment mode, payment can be made:
6. After making the payment, the receipt will be generated which has to be shared with Concerned Person of GIPCL.

Important Note: Please note that for making online payment through the above gateway, the charges* as below will be applicable, which has to be borne by Vendor/Party making the Payment:

Payment Mode	Charges
Net Banking	Rs.9 + GST
Debit Card	NIL
Credit Card	0.75% + GST
International Card	3.00% + GST
UPI	NIL





ANNEXURE-L

PRICE BID FORMAT

Sr. No.	Description	Estimated SoR Value without GST (Rs.)	% Service charge (To be quoted by bidder)	Quoted Amount with Service charge (Rs.)	Applicable GST in % (To be quoted by bidder)	GST Amount in (Rs.)	TOTAL QUOTED AMOUNT WITH GST (Rs.)
(A)	(B)	(C)	(D)	(E) = (C) + ((C)x(D%))	(F)	(G) = (E)x(F%)	(H) = (E) + (G)
1	<i>Biennial Rate Contract for Control and Instrumentation Systems at Surat Lignite Power Plant - 4X125 MW, Phase 1 & 2 for a period of two years (2023-25)</i>	1,46,12,149.72	Above/ Equal/ Below				

Note:- (1) Prices shall be quoted through online (n)-Procure only. Hard copy of price bid shall not be considered/accepted.

(2) Evaluation of tender will be done on gross total quoted amount with GST as per above column no. (H)

NAME OF TENDERER : _____

SEAL & SIGNATURE OF TENDERER : _____

NAME OF AUTHORISED PERSON : _____

ADDRESS : _____

PHONE NO. _____ **FAX No.** _____

MOBILE NO. _____ **Email ID.** _____