

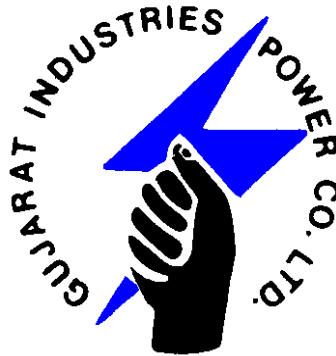


GUJARAT INDUSTRIES POWER COMPANY LIMITED
(Surat Lignite Power Plant)

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 the Biennial Rate Contract For Handling and Mechanical Maintenance and Housekeeping of Lignite Handling, Limestone Handling, Milling and conveying System for 4 x 125MW Surat Lignite Power Plant , Unit # I to IV:

Bid No.: SLPP/ LHS/H&M-HK/2017-19



**INSTRUCTIONS TO BIDDERS & CONDITIONS OF
CONTRACT**



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



NOTICE INVITING TENDER (NIT)
TENDER NO.: SLPP/LHS/H&M-HK/2017-19

Name of work	Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: Annual Rate Contract For Handling and Mechanical Maintenance and Housekeeping of Lignite Handling, Limestone Handling, Milling and conveying System
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	24 Months
EMD	11.50 Lacs 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.3000 by Demand Draft in favor of GIPCL payable at Motamiya-Mangrol or Nani Naroli.
Pre Bid meeting	On 27.04.2017, 11:30 hrs. at office of GIPCL-Surat Lignite Power Plant, Village: Nani Naroli, Ta. Mangrol, Dist. Surat.
Availability of online e-Tender document	On website: https://gipcl.nprocure.com http://gipcl.com/
Last date of online submission of offer	10.05.2017 up to 17:00 hrs. on website: https://gipcl.nprocure.com
Submission of EMD, Tender fee and other supporting documents for technical Bid in physical form.	Within three working days from last date of bid submission during office hours at office of 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://gipcl.nprocure.com>
5. The EMD, Tender fee & other supporting documents are to be submitted in physical form only at the following address:-
Addl.General Manager (SLPP)
Gujarat Industries Power Company Limited
Surat Lignite Power Plant
At Village:Nani Naroli,
Taluka: Mangrol,
Dist.:Surat-394 110, Gujarat.
Phone: (02629) 261063-72. E-Mail: lcpatel@gipcl.com



SECTION-A

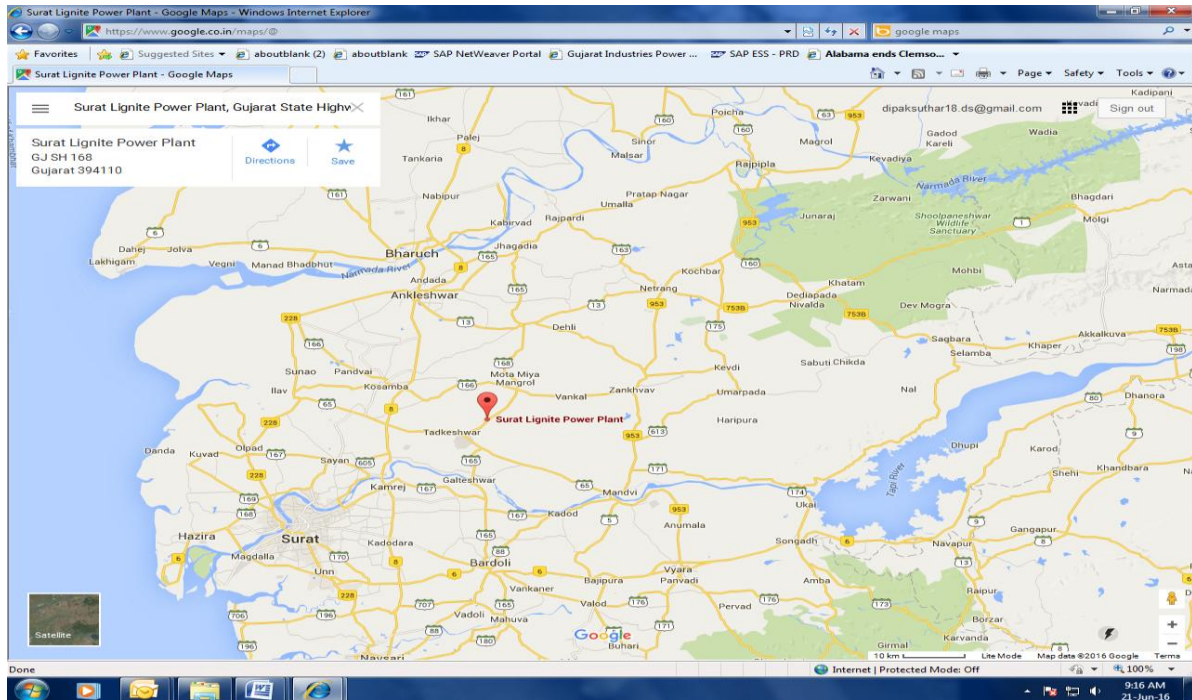
INSTRUCTIONS TO BIDDERS

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 810 MW and 5 MW Solar Power Plant. 51 MW Wind Energy Farm Project is under installation and commissioning stage. GIPCL has issued LoI (Letter of Intent) for 26 MW and 71.40 MW Wind Energy Farm Projects. GIPCL has commissioned 1MWp Distributed Solar Power Projects at two locations in Gujarat viz. at Village: Amrol, Dist.: Anand and at Village: Vastan, Taluka Mangrol, Dist.: Surat.

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

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



The Company intends to award Annual Rate Contract for the work of Annual Rate Contract For Handling and Mechanical Maintenance and Housekeeping of Lignite Handling, Limestone Handling, Milling and conveying System for 4 x 125MW for a period of two years at SLPP and is therefore inviting open tenders online (nProcure Portal) from experienced & resourceful contractors.

2. **SCOPE OF WORK :**

2.1 The scope of work covers:

A) Handling and mechanical maintenance as per detail scope (preventive, predictive, breakdown and running maintenance) involving the activities on a per job rate or item rate basis mentioned in SECTION-E and ANNEXURES- A1, A2, A3, A4 & A5.

B) Housekeeping of ILHS and Limestone system as per scope involving the activities on job/item rate basis mentioned in SECTION-E and ANNEXURE-B1,B2,B3,B4,B5 & B-6.

C) Housekeeping of ELHS system as per scope involving the activities on job/item rate basis mentioned in SECTION-E and ANNEXURE-C1,C2,C3,C4,C5 & C-6.

There are three streams of lignite conveying system (1200TPH), one stream of lime handling system (200THP), four streams of milling system (35TPH) and three system of lime pneumatic conveying system (45TPH).

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 site requirement.



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

2.5 DETAILS OF SYSTEM

2.5.1 Introduction to Lignite Handling system:-

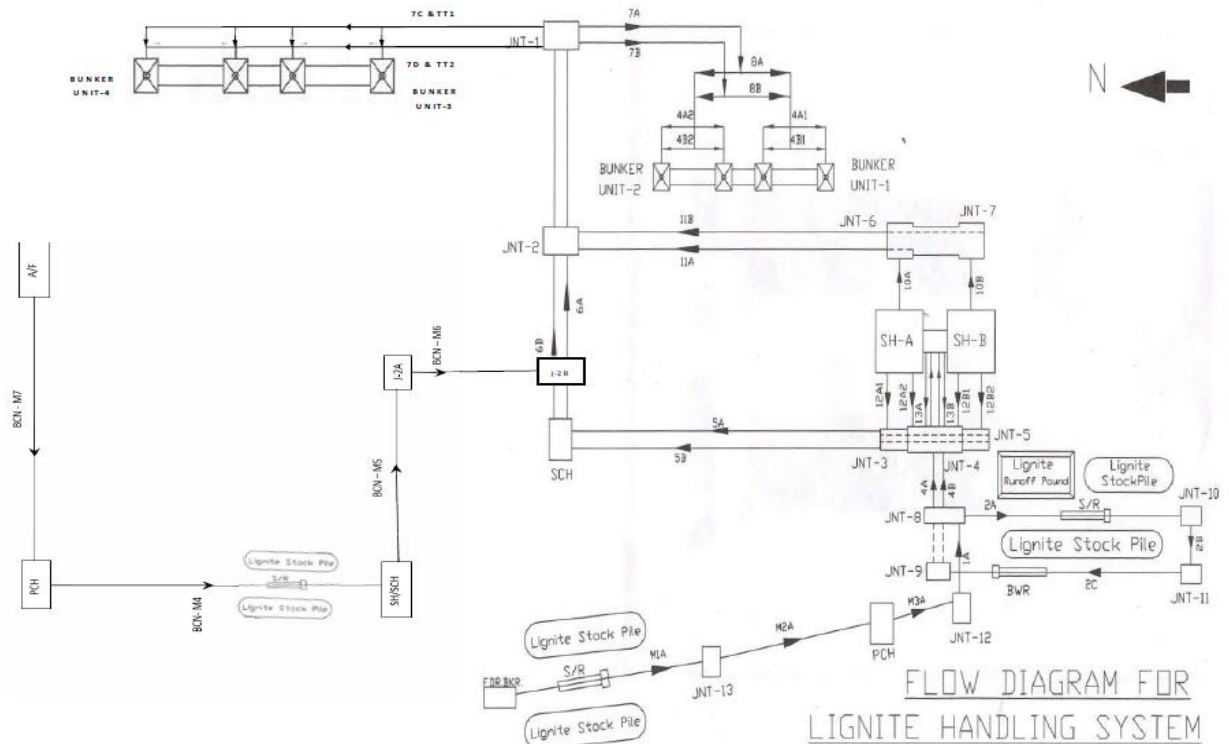
This contract is for conveying and sizing of lignite as per the requirement of power plant from mines end. Entire system is divided in to four sub groups.

- i) ELHS –phase -1
External Lignite Handling System Phase-I from mines end to power plant.
(Feeder breaker to JNT-12)
- ii) ILHS –phase -1
Internal Lignite Handling System Phase-I after BCN-1A conveyor gallery
pent- house to boiler bunkers.
- iii) ELHS mines end –phase -2
External Lignite Handling System Phase-II from Apron Feeder to Primary
crusher.
- iv) ELHS plant end –phase -2

External Lignite Handling System Phase-II after primary crusher to boiler bunkers.

The capacity of conveyor system is 1200 TPH. Every day requirement of Lignite for all four units is approximately 11000 MT. Lignite received from the mines is having minor quantities of stones. Separate agency has been arranged for removing stones from running belt conveyors. Both the streams of Lignite handling system operate on load round the clock for filling lignite bunkers. As a whole, there is three-shift operation in a day & we have to deploy manpower at all notified locations round the clock.

Line diagram of Lignite Handling System as follows:



2.5.2 Introduction to Limestone Handling , Milling and Pneumatic conveying system:-

This contract is for sizing, grinding and pneumatic conveying of Limestone as per the requirement of power plant. Entire system is divided into Main three groups:

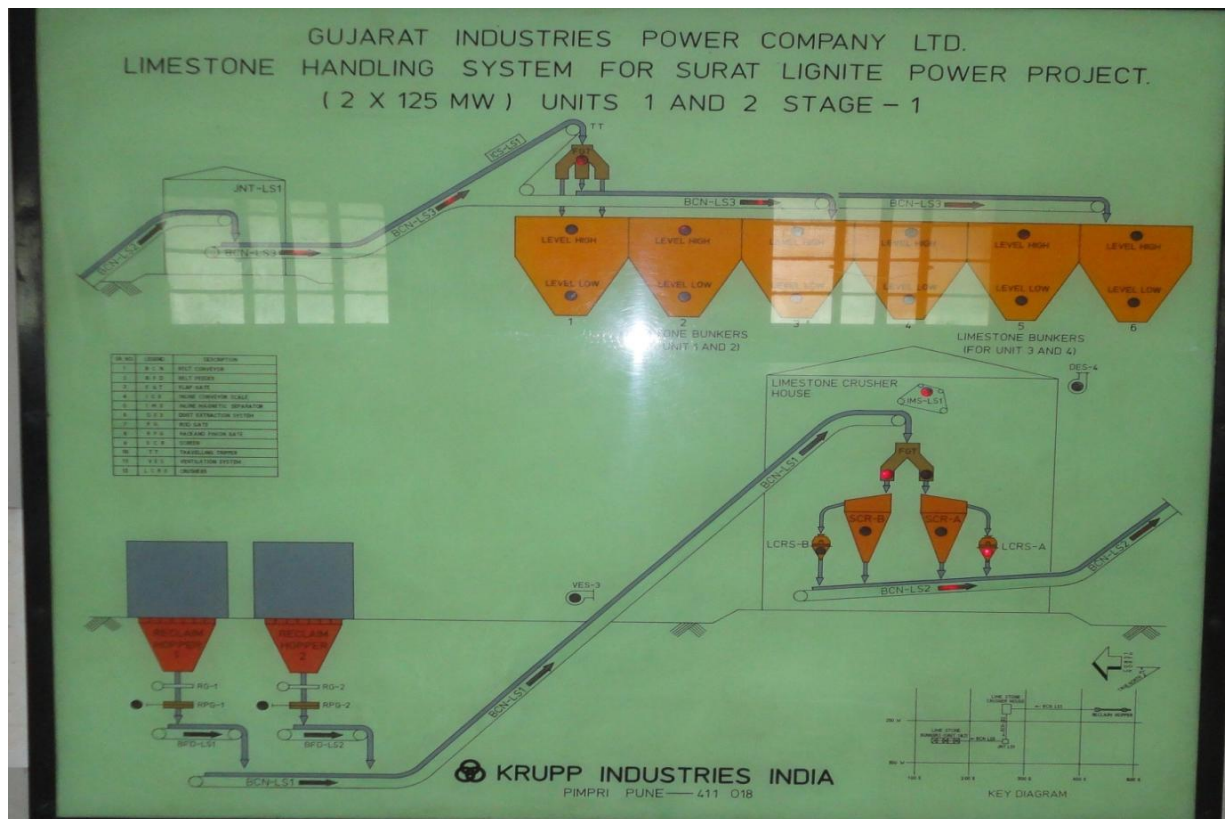
- Limestone Handling System for Phase -1
- Limestone Milling System for Phase-1&2
- Limestone Pneumatic Conveying System-1 &2

Brief detail of above system is as below.

i) Limestone Handling System

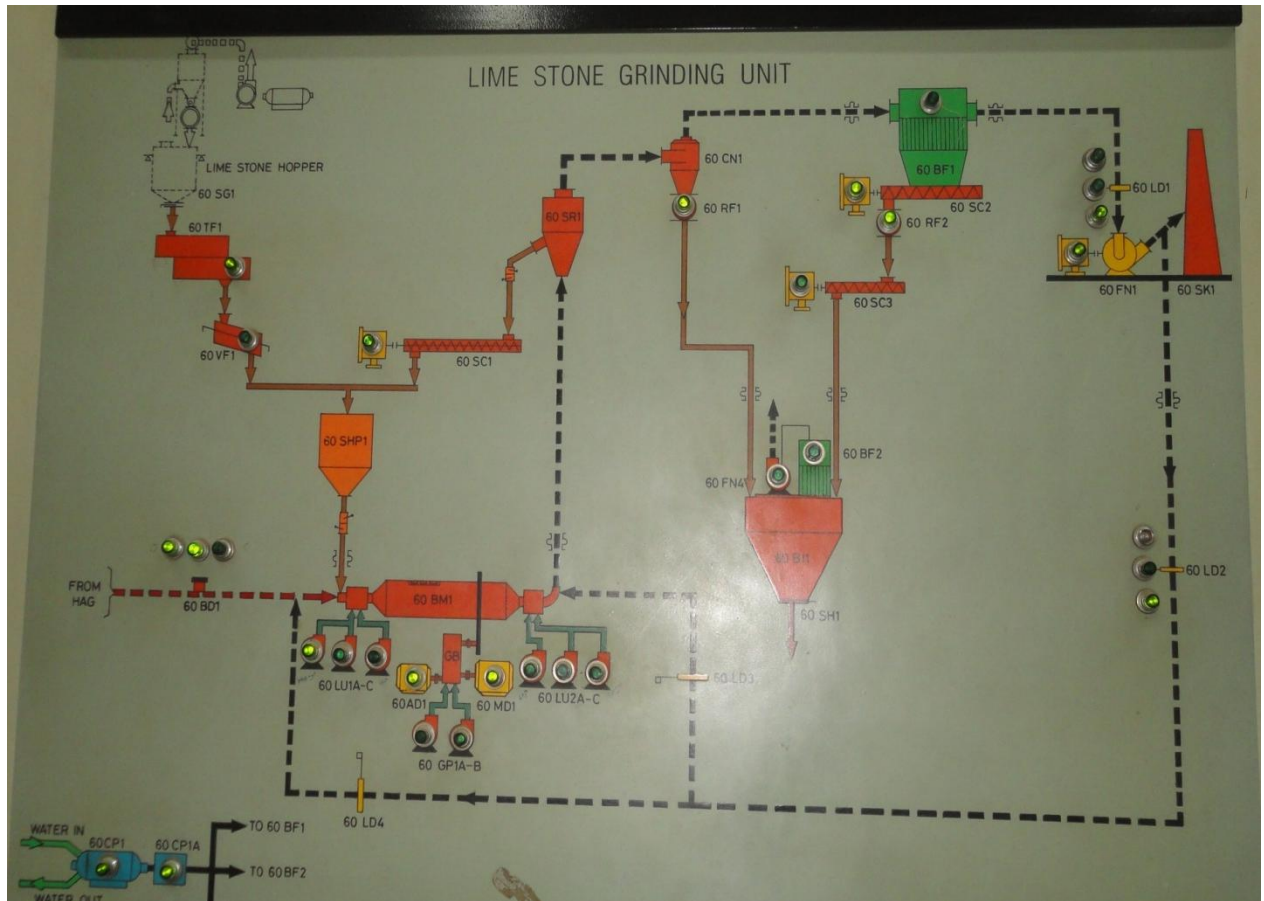
The limestone handling system of capacity 200 ton per hour feed limestone to raw mill bunkers from the stockpile. The total system is inside the plant premises. The operation hour is about 16 hours a day. So, manpower is being deployed during first and second shift only at defined locations. The lime stone feeding to the reclaim hoppers is in the scope of GIPCL.

Line diagram of limestone handling and milling system as follows:



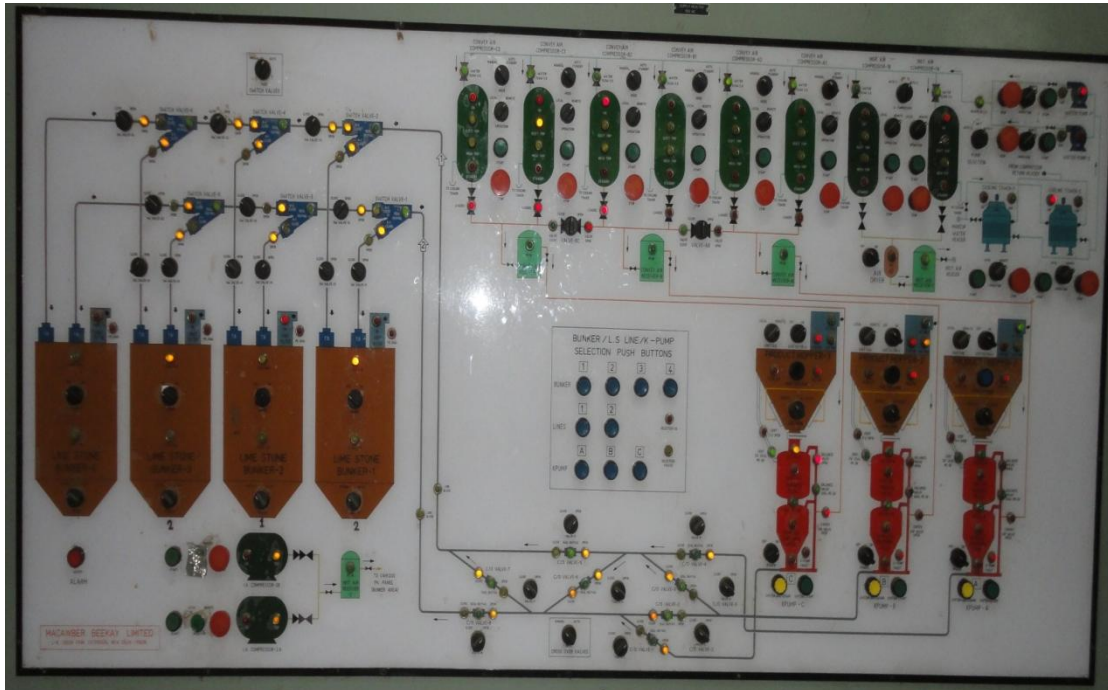
i) Limestone Milling System

There are four limestone mills of each capacity 35 ton per hour which grind limestone (-25MM size) and convert in powder form and store in product bin hopper. At a time two mills shall be in operation round the clock. Manpower is to be deployed at all notified locations round the clock.



ii) Limestone conveying System

In pneumatic conveying system, Limestone powder convey from product bin hopper to boiler bunker through K-Pump. Pneumatic conveying system having 45 ton per hour Capacity. At a time 02Nos k-pump in operation round the clock. Manpower is to be deployed at all notified locations round the clock.



2.6 List of Equipments for which handling & maintenance (mechanical) is to be carried out as per enclosed schedule in the price bid.

2.6.1 LIGNITE HANDLING SYSTEM - Phase-I & II

Following are the equipment:

1.	Feeder Breaker	/ Apron Feeder -	02 Nos.
2.	Stacker Reclaimer / Bucket reclaimer -		04 Nos.
3.	Belt Conveyor-	NN type -	23 Nos.
4.	Belt Conveyor-	Steel cord -	02 Nos
5.	Belt Feeder-		17 Nos.
6.	Travelling Tipper		02 Nos.
7.	Magnetic separator-		05 Nos.
8.	Primary Crusher-		03 Nos.
9.	Secondary crusher-		06 Nos.
10.	Eccentric Disc Screen-		01 Nos.
11.	Vibrating feeder	-	01 Nos.
12.	Rack & pinion gates		08 Nos
13.	Flap gates -		06 Nos
14.	Drinking / service water pump-		04 Nos
15.	Sump pump-		07 Nos
16.	Dry fog dust suppression system -		03 set.
	Set = (02 pumps + 02 compressors)		
17.	Electrical hoist -		28 Nos
18.	Manual hoist (Winch) -		02 Nos.
19.	Chain block 5Mt		04 Nos
20.	Chain block 10Mt		02 Nos.
21.	Vulcanizing Machine -		02 set



22.	Spot repair / Hot Patching Machine -	01 set
23.	Plough Diverter	04 Nos.

2.5.2 LIME STONE HANDLING SYSTEM.

(i) Lime stone handling system:-

1.	Reclaim Hopper-	:02Nos
2.	Rack & Pinion Gate-	:02Nos
3.	Belt Feeder-	:02Nos
4.	Belt Conveyor-	:03Nos
5.	Sump Pump-	:02Nos
6.	Ventilation System-	:01No
7.	Inline Magnetic Separator-	:01No
8.	Flap Gate-	:01No
9.	Screen-	:02Nos
10.	Crusher-	:02Nos
11.	Travelling Tripper-	:01No
12.	Electric Hoist-	:10Nos

(ii) Limestone Milling System-Phase –I &II:

1.	Raw Lime Bunker-	:04Nos
2.	Slide Gate-	:09 Nos.
3.	Table Feeder-	:03 Nos
4.	Vibrating Feeder-	:03 Nos.
5.	Weigh feeder-	:01Nos
6.	Surge Hopper-	:04 Nos.
7.	Hot air Generator unit-	:04Nos
8.	Drying Chamber-	:03Nos
9.	Ball Mill-	:04Nos
10.	Grit separator-	:04Nos
11.	Gravity type flap valve-	:04Nos
12.	Cyclone-	:04Nos
13.	Screw Conveyor-	:12Nos
14.	Bag Filter-	:08Nos
15.	Ral Feeder-	:11Nos
16.	ID Fan-	:04Nos
17.	Stack-	:04Nos
18.	Damper (Recirculation and i/l to ID Fan)-	:16Nos
19.	Vent fan on Product Hopper-	:04Nos
20.	Mill Compressor with air dryer & after cooler-	:04Nos
21.	Electric .Hoist-	:06Nos
22.	Chain Pulley block-	:10Nos
23.	Receiver tank-	:04Nos
24.	Sump Pump-	:01No
25.	Product bin Hopper-	:04Nos

(iii) Limestone Pneumatic Conveying System-Phase –I&II:

1.	Cooling water Pump-	:02Nos
2.	Instrument air Compressor with after cooler-	:02Nos
3.	Air dryer for Instrument air compressor-	:01No



4.	Conveying air Compressor with after cooler-	:08Nos
5.	Receiver tank-	:05Nos
6.	Slide gate-	:05Nos
7.	K-Pump-	:04Nos
8.	Cross over and switch over valves (Total 20Nos) -	:01Set
9.	SKV and DVD Valves (Total 24 Nos) -	:01Set
10.	Vent /bag filter -	:08Nos
11.	Cooling Tower & Fan-	:02 Nos

This list is not exhaustive and any other equipment's not indicated above but required for Operating & maintenance of entire Lignite, Limestone handling, Milling & Conveying system are included in the contractor's scope of work.

3. **GENERAL INSTRUCTIONS**

- 2.1 The Bidders who are interested in participating in the tender must read and comply with the instructions and the Terms & Conditions contained in the tender documents.
- 2.2 The Bids shall be filled in by the Bidders clearly, neatly and accurately. Any alteration, erasures or overwriting shall 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.
- 2.3 The Bidders are requested to make themselves fully conversant with the General Conditions of Contract, Special Conditions of Contract, Technical Specifications, Site conditions, Safety & 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.
- 2.4 Before quoting the rates, the Bidder should go through the specifications, scope of work etc. and get himself fully conversant with them. The Bid should include cost of mobilization and cost to adhere to all Safety Norms as described in the tender. No relaxation or request for revision of quoted/accepted rates shall be entertained subsequent to the opening of Bid on account of mobilization or Safety costs.
- 2.5 **For other section:** Splitting of work for other sections is not advisable as the purpose of SoR method will not be fulfilled
- 2.6 Bidder has to submit all the information as per required Bid document. Failure to furnish all the information as per required Bid documents or submission of a Bid containing deviations from the contractual terms and conditions, specifications and requirements, shall be rejected.
- 2.7 The Bids shall be submitted within the time frames set out in the Notice Inviting Tender ('NIT') and Bids submitted thereafter shall not be accepted and considered.
- 2.8 The tender documents shall not be transferable.
- 2.9 The Bidders are expected to examine all instructions, forms, terms & specifications in the Bid documents and to get fully acquainted themselves with all the conditions and matters which may affect the subject matter of the work/tender or the cost thereof. If any Bidder finds any discrepancies or omissions in the specifications and documents or any doubt in true meaning or interpretation of any part, he shall seek necessary clarifications in writing or during Pre-Bid meeting if required.
- 2.10 Conditional offers shall not be considered and liable to be rejected.
- 2.11 The Company reserves the right to extend the deadlines for submission of the Bids by giving amendments.
- 2.12 A Pre-Bid meeting will be organized by the Company as per details given in NIT (Notice Inviting Tender) at GIPCL - SLPP. Bidders or his authorized representative with authorization letter shall attend the Pre-Bid meeting. Bidders may seek any



clarifications from the Company on their written request regarding the tender document.

- 2.13 During evaluation of Bids the Company may, at its discretion ask the Bidder (s) for clarification of their Bid. The request for clarification and the response shall be in writing and no change in prices or substance of the Bid shall be sought, offered or permitted.
- 2.14 The Company reserves the right to amend/ modify the Bidding documents at any time prior to the deadline for submission of Bids, either at its own discretion or in response to the clarification requested by a prospective Bidder. In such case, the Company may in its discretion extend the deadline for submission of Bids in order to facilitate the prospective Bidders for incorporating the effect of the amendment in their Bids.
- 2.15 The Bidders shall bear all costs and expenses associated with the preparation and submission of their respective Bids, to attend meetings or conferences, if any, including any pre award discussion with the successful Bidder, technical and other presentations etc. and the Company shall not be liable for any expense thereof.
- 2.16 If the successful Bidder is a joint venture, formed of two or more companies, the Bidder along with the partners shall accept joint and several responsibilities and liabilities for all obligations under the Contract.
- 2.17 Timely and satisfactory completion of the work and strict adherence to the allotted time frames for jobs shall be the essence of the contract.
- 2.18 The Company reserves the right to qualify/disqualify any applicant without assigning any reason.
- 2.19 The Bidder shall be disqualified if any untrue statement or misrepresentation is made in the Bid forms, attachments and other supporting documents submitted by the Bidder.

4. PLANT VISIT

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

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

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

The Bidder is deemed to have examined and understood the tender document, obtained his own information in all matters whatsoever that may affect the works to be carried out especially mentioned or works which may have to be carried out to



fulfill his contractual obligation within the scheduled rates and to have satisfied himself to the sufficiency for his offer.

BIDDER shall inspect the site, examine and obtain all information required and satisfy himself regarding matters such as access to site, communication, transport, working condition including constraint of work place, confined area, quantum of dusting, running equipment, importance of work, round the clock working conditions, safety requirements, 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 point no.2) in Lignite/ Material Handling Plant jobs / Construction and commissioning of Bulk Material Handling systems of capacity not less than 600 TPH are qualified 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.

Note: For evaluation of the bid, the executed value mentioned in the work completion certificated will be considered.

- 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 certified copies of documentary evidence preferably photo copies of work experience. The experience should be either of the following:

- a. One similar completed work each costing not less than Rs. 385 Lacs.**

OR

- b. Two similar completed work each costing not less than Rs. 275 Lacs.**



OR

c. Three similar completed work each costing not less than Rs. 220 Lacs.

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** Contractor shall have to submit satisfactory work completion/execution certificate from the client including ongoing/existing contracts. Experience as a sub-contractor will not be allowed and Price Bid of such Bidders will be rejected.
- 5.4** Tender fee: The tender fee shall be accompanied in form of Demand Draft.
- 5.5** EMD: The EMD shall be accompanied in the form of DD or Bank Guarantee given by Bank as described in subsequent clause no. 8.
- 5.6** Bidder should have separate Employees Provident Fund code number towards registration of firm with RPF commissioner.
- 5.7** Attested copies of relevant documents duly signed & seal on each & every page shall be submitted. The above documents will be analyzed and after satisfaction, the Price Bid will be open. 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 only once by E-mail to submit the missing required documents within stipulated time limit. If Bidder/Bidders fail to submit within stipulated time, their Bid will be declared technically disqualified and no further correspondence will be entertained.
- 5.8** Bidder should have annual turnover of at least Rs. 220 Lacs (40% of Annualised estimated value) for last three financial years. **i.e. 2013-14, 2014-15 & 2015-16.** 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 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.
- 5.9** The Bidder has to submit INCOME TAX Permanent Account Number (PAN), TIN/VAT no. of the firm. Copies of the same shall be submitted.
- 5.10** Bidder has to submit Service Tax registration number. Copy of the same shall be submitted.
- 5.11** In case Bidder is a joint venture company since last five years, the above requirements/credential of Joint Venture Company / Parent companies shall be considered.
- 5.12** The Net worth at the end of the last financial year should not be less than 100 Lacs.
- 5.13** If Bidder or its Partner(s) or Director(s) is /are/was in any Litigation(s), Court Case(s) or Arbitration(s), either completed or under progress during



last five (5) years or 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 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. Bidder shall have to submit the “Declaration for Contractual Disputes/Litigations” as **Annexure-Q** attached.

5.14 Bidder shall have to submit the “Declaration-cum-Undertaking for Compliance of Safety Laws and Regulations” as **Annexure -P** attached.

- a. If any Fatal Accident / 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.
- b. 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.

6. PRE-BID MEETING

A pre Bid meeting will be arranged at office of Surat Lignite Power Plant as per details given in the NIT (Notice Inviting Tender). All the Bidders are required to attend or send their authorized representative along with authorization letter for attending this meeting. It is desired to attend the Pre-Bid meeting as the work is



directly related to the Plant operation and performance of Plant is depending on timely completion of awarded works.

7. **LANGUAGE OF BID**

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

8. **EARNEST MONEY DEPOSIT (EMD) and TENDER FEE**

- 8.1 An EMD of Rs. 11,50,000(Eleven Lacs fifty thousand only) and Nonrefundable Tender fee Rs.3000/- shall accompany with Bid. The EMD & Tender fee shall be in the form of a crossed bank Demand Draft in favor of Gujarat Industries Power Co. Ltd. as per following details:

Bank

1. Bank of Baroda
2. State Bank of India
3. Any Nationalized banks

Payable at :

Mosali, Dist: Surat
Nani Naroli, Branch Code: 13423
Surat

- 8.2 The EMD, in alternative, may be submitted in the form of irrevocable Bank Guarantee in favor of Gujarat Industries Power Company Limited from any Nationalized Bank including Public Sector bank-IDBI Ltd or AXIS Bank, HDFC Bank, ICICI Bank or Kotak Mahindra bank, Yes Bank, Ratnakar Bank, IndusInd Bank, Karur Vysya Bank, DCB Bank, ING Vysya Bank or The Kalupur Commercial Co-operative Bank Ltd, Rajkot Nagrik Sahakari Bank Ltd, The Ahmedabad Mercantile Co-operative bank Ltd, The Mehsana Urban Co-operative Bank Ltd, Nutan Nagrik Sahakari Bank Ltd as per Performa of BG enclosed with this e-tender under Section-F.
- 8.3 In case EMD is paid in the form of BG(ANNEXURE-F), the same shall be valid for a period of 180 days after the due date for submission of the bid
- 8.4 The EMD of the successful bidder will be returned after payment of Security Deposit by successful bidder.
- 8.5 The earnest money deposit paid in the form of demand draft will be refunded to the unsuccessful BIDDER as soon as the tender is finalized.
- 8.6 Any bid not accompanied with EMD and Tender fee will be rejected. Tender fees and EMD should be submitted in physical form directly to GIPCL as per Clause 8.9.
- 8.7 No interest shall be payable on EMD.
- 8.8 The EMD will be forfeited if the BIDDER (i) withdraws his tender after acceptance or (ii) withdraws his tender before the validity date of the tender.

8.9 **SCHEDULE OF EMD & TENDER FEES**



EMD & Tender fee and other documents duly signed to be submitted in physical form within three working days after due date of closing of the tender	Address for Submission: AGM - 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
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9. **SUBMISSION OF BIDS**

Bidders who wish to participate in this tender will have to procure or should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n)code solutions-a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below.

Bidder may go through the e-tendering instruction for online Bid participation through n-procure platform for further details and guidance for participation in the tendering process through e-tendering. In case of any queries related to e-tendering system, Bidder may write/contact at following details:

(n) Code Solutions – A division of GNFC Ltd.

301, GNFC Info tower, Bodakdev,

Ahmedabad – 380 054 (India)

Tel: +91 79 26857316 / 17 / 18

Fax: +91 79 26857321

E-mail: nprocure@gnvfc.net

www.nprocure.com

Toll Free: 1800-233-1010(Ext. 501,512,517)

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

Bid shall be submitted in two parts namely: Technical-cum-Commercial Bid and Price Bid as per following:

A: MODE OF SUBMISSION

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

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

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



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

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

1. Qualification and experience of site in charge.
2. Schedule of deviation (Annexure-L) Technical as well as commercial, if any.
3. Qualification & experience of Supervisors/Engineers/Coordinators.
4. Annexure-N – Information containing Details of proposal.

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

1. The tender documents dully signed in all pages without price bid alongwith techno-commercial deviations, if any.
2. Proof of experience meeting the minimum eligibility criteria
3. Performance certificate issued by clients.
4. Previous work order copies.
5. Details of present work order (if any)
6. Turn over for the last three years, audited annual accounts/financial statements i.e. profit and loss account and balancesheet duly certified by a practicing CA will be required.
7. P.F Number and Allotment Letter.
8. PAN Number.
9. Service tax registration number/certificate copy.
10. To participate in e-Reverse Auction, bidders have to create e-Auction USER ID on www.auction.nprocure.com and it is mandatory to submit the same along with physical Technical-Commercial Bid; so that the bidder shall be allowed to participate the e-Reverse Auction.

(b) Price Bid:

Price Bid shall be submitted only in soft form through **www.nprocure.com**.

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

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

(b1): E-Reverse Auction after opening of online price bid

6. To participate in e-Reverse Auction, bidders have to create e-Auction USER ID on www.auction.nprocure.com and it is mandatory to submit the same along



with physical Technical-Commercial Bid; so that the bidder shall be allowed to participate the e-Reverse Auction

7. Lowest three (03) eligible bidders or 50% out of total eligible Bidders (rounded to the next higher whole number), whichever is higher, shall be invited for participation in e-Reverse Auction.
8. Decrement value and duration for the e-Reverse Auction shall be informed to the qualified bidders before start of e-Reverse Auction. The L1 (Lowest % of service charge on estimated SoR) shall be put up for starting e-Reverse Auction. e-Reverse auction shall be for reducing the service charge % on estimated SoR as mentioned in the price bid Annexure and the bidders have to reduce their service charge % on estimated SoR in decrement of value as decided before start of e-Reverse Auction.
9. After e-Reverse Auction process, L1 bidder shall be decided on lowest % of service charge for entire scope of work mentioned in the tender.

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

10. MODIFICATION AND WITHDRAWAL OF BIDS

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

11. POLICY FOR BIDS UNDER CONSIDERATION

- a. Bid shall be deemed to be under consideration immediately after opening of the bid and till official intimation of award/rejection made by the Company to the Bidders.
- b. While the Bids are under consideration, Bidders and / or their representative or other interested parties are advised to refrain from contacting by any means,



the Company. The Engineer, if necessary, will obtain clarifications on the Bids by requesting for such information from any or all the Bidders, in writing as may be necessary. The Bidder will not be permitted to change the price or substance of the Bid after the Bid has been opened.

12. EFFECT AND VALIDITY OF THE BID

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

13. OPENING OF BIDS

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

13.2 Preliminary Examination:

13.2.1 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.

13.2.2 Arithmetical errors will be rectified on the following basis:

- (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price will be corrected & will be binding to the bidders
- (b) If there is a discrepancy between the Total Bid Amount and the sum of total prices, the sum of total prices shall prevail and the Total Bid Amount will be corrected & will be binding to the bidders.

14. EVALUATION & COMPARISON OF BIDS

- 14.1 GIPCL shall evaluate the Bids received and accepted by it to ascertain the lowest evaluated Bid in conformity with the specifications of the tender documents.
- 14.2 The Technical Bids will be examined for minor matters regarding qualification of bids. Subsequent to correspondence with the respective bidders, the decision of Tender Committee will be final.
- 14.3 All responses to requests for clarifications shall be in writing and shall be presented to the Company through e-mail or in a sealed envelope on or before the given date requested by the Company. If the Technical clarifications sought by the Company do not reach the Company on or before due date, the Bid will be rejected.



- 14.4 The comparison of all the Bids shall be carried out with reference to the scope of work as per the technical specification. Any deviation/omission shall be evaluated at highest quoted price of the deviation/omission quoted by any of the Bidder. In case a separate price (for omission) is not given by any other Bidder, a reasonable price of the same shall be taken & the same shall be binding to the Bidders.
- 14.5 The commercial deviation, if any, shall be loaded to bring all the Bids at par. The loading shall be carried out at an interest rate of 2% above PLR of SBI.
- 14.6 A Bid to be substantially responsive shall be one which on evaluation confirms to all the terms, conditions and specifications of the Bid documents without any material deviation or reservation.
- 14.7 For the above referred purpose, a ‘material deviation’ shall be one which:
 - (a) Which affects in any substantial way the scope, quality or performance of the contract, or
 - (b) Which limits in any substantial way and in a manner inconsistent with the Bid documents, GIPCL’s right or the Bidder’s obligations, under the contract, or Whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

15. **RIGHT OF REJECTION OF TENDERS**

- 15.1 GIPCL reserves the right to accept or reject any Bid or to cancel the Bidding process and reject all Bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders regarding the same.
- 15.2 Any Tender without EMD and Tender fee will be treated as non responsive and shall be rejected at the outset & no further correspondence shall be entertained regarding this.
- 15.3 GIPCL reserves the right to debar any Bidder from participation in future Bids if such Bidder has quoted an abnormally low rate in the Bid document/price Bid.
- 15.4 If Bidder or its Partner(s) or Director(s) is /are/was in any Litigation(s), Court Case(s) or Arbitration(s), either completed or under progress during last five(5) years or 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 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. Bidder shall have to submit the “Declaration for Contractual Disputes/Litigations” as **Annexure-Q** attached.
- 15.5 Bidder shall have to submit the “Declaration cum Undertaking for Safety laws & Regulations Compliance” in **Annexure-P** attached.
 - 15.5.1 If any Fatal Accident / 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.
- 15.6 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.

- 15.7 Contractor shall have to submit satisfactory work completion/execution certificate from the client including ongoing/existing contracts.

16. AWARD OF CONTRACT

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

17. CONTRACT PERIOD

- 17.1 The contract will be for a period of 2 years from the date of actual commencement of operation of the contract as stated in the Work Order ('Contract Period').
- 17.2 GIPCL reserves the right to extend the Contract Period up to 3 months on the same rates and terms and conditions without any price escalation and entering into any new contract.
- 17.3 The said Contract Period can be extended if mutually agreed upon by both the parties up to one year and in such a case a revised work order shall be issued at the same rates and terms & condition or at negotiated rates acceptable by both parties i.e. the Company & the Contractor.
- 17.4 GIPCL reserves the right to short clause the contract with one month notice period. In that case GIPCL will reimburse the cost of stitched uniform, Safety shoes & Helmet issued to the workmen on prorata basis. Price will be as mentioned in the Pre bid meeting. Currently it is Rs. 2150/ 3 pairs of uniform, Rs. 850 /Pair of safety shoe and Rs. 100/Helmet.

18. CONTRACT SECURITY DEPOSIT/ PERFORMANCE BANK GUARANTEE

As a Contract Security, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Bank Guarantee (PBG)/Contract security deposit in favor of Gujarat Industries Power Company Limited for guarantee amount at **10%** of the “Annual Contract Price(First year)” from any Nationalized Bank including Public Sector bank-IDBI Ltd or AXIS Bank, HDFC Bank, ICICI Bank or Kotak Mahindra bank, Yes Bank, Ratnakar Bank, IndusInd Bank, Karur Vysya Bank, DCB Bank, ING Vysya Bank or The Kalupur Commercial Co-operative Bank Ltd, Rajkot Nagrik Sahakari Bank Ltd, The Ahmadabad Mercantile Co-operative bank Ltd, The Mehsana Urban Co-operative Bank Ltd, Nutan Nagrik



Sahakari Bank Ltd in the format attached in **SECTION-F(ANNEXURE-E)**, and it shall guarantee the faithful performance of the 'Contract' in accordance with the terms and conditions specified in these documents and specifications. Contract security deposit shall be submitted strictly within twenty one days from the date of 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.

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

19. ASSIGNMENT AND SUB-LETTING

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

20. CONTRACTOR'S OBLIGATIONS

A: DEPLOYMENT & RESPONSIBILITY OF MANPOWER

- (i) The Contractor shall deploy suitably qualified and sufficient manpower for timely & satisfactorily execution of the works under the contract.
- (ii) The Contractor shall deploy sufficient skilled, Semi-skilled and Un-skilled manpower like Coordinator/Supervisor, Stacker reclaiming operator, MCC operator, Limestone mill operator, Millwright fitter, Fabrication fitter, equipment technician, helper, rigger, welders, cutter, electrician, store keeper etc. to properly complete the job in given time.
- (iii) The Contractor shall depute its own workmen/labor with proper identification to enter the plant premises after ensuring that the jobs are scheduled.
- (iv) The Contractor shall appoint an operation in charge and mechanical maintenance in charge who shall co-ordinate with GIPCL's Engineer in charge for daily activities.
- (v) During working in high risk area like electrical MCCs / oil/Lignite the workman must wear a suitable safety apron, safety hand gloves and goggles. It is the contractor's supervisor's responsibility to ensure it without fail.
- (vi) During unit overhauling/shutdown jobs, the contractor has to enhance the site manpower as per the requirement to ensure the timely completion of work (During overhauling period quantum of maintenance work increases substantially). For this, enhanced work shall be completed by deploying additional manpower with separate supervisor. Payment will be made on job rate basis only. The work during the overhauling period is to be carried out round the clock. Contractor should mobilise sufficient number of manpower and execute the work in two shifts with independent manpower. Contractor should not continue the same manpower more than 12 hours.
- (vii) 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.

- (viii) The Contractor shall also comply with the safety requirements and provide his workmen/labor with safety equipment like helmets, masks, gum boots, three pair of stitched uniform every year 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
- (ix) Contractor shall nominate /authorize senior experienced person in writing as site in charge for H & M package as well as Housekeeping Package 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.
- (x) 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 duly 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.
- (xi) During execution of the works, one or more jobs may be required to be done simultaneously and the Contractor shall mobilize additional resources accordingly.
- (xii) During emergency or similar situations the Contractor shall be required to mobilize resources as per need within the period of 04 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 15% supervision charges & the same will be recovered from the Contractor's bill.
- (xiii) **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 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 will be viewed very seriously and will invite appropriate punitive measures as decided by competent authority.**
- (xiv) 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.
- (xv) 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.

- (xvi) Site In charge should be separate for Handling-Maintenance & Housekeeping work.

B: TOOLS & TACKLES:

All tools and tackles required to execute the contract are in the scope of the contractor. The contractor should ensure that tools and tackles are in healthy & working condition. All consumable items would be in the scope of the contractor.

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

- (i) For proper execution of the work as per the scope, the contractor is required to maintain sufficient quantity of tools & tackles in good working condition at site as per day to day work load and emergency situations to complete the work in stipulated time. Minimum Tools should be available at site at any point of time as mentioned in Annexure-J
Note: the welding electrode should be approved make i.e. Advani, Oerlikon, ESAB, D&H, L&T.
- (ii) 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.
- (iii) 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
- (iv) 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.
- (v) All tools and tackles to execute the contract are in the scope of the contractor. The contractor should ensure that tools are in healthy condition. All consumable items i.e. cotton waste, kerosene oil, Oxygen gas, DA gas, Diesel, welding electrode, grinding wheel, cutting wheel, Paint, Thinner, primer, painting brush, emery paper etc. would be in the scope of the contractor. Minimum stock of the consumables should be available at the site as mentioned in the Annexure 'J' at any point of time.
- (vi) For proper maintenance of the plant, the contractor is required to maintain a list of tools & tackles in good working condition at site. The tentative list of such tools & tackles is enclosed as ANNEXURE-J. The contractor should note that this list is not exhaustive and if any additional tools and tackles are required for proper performance of the contract, the same shall also be arranged by the contractor immediately with no extra cost to GIPCL. If same



is available with GIPCL than same can be provided with hire charges as follows.

i) Lifting tackles	: Rs. 1000.00 per day
ii) Welding machine	: Rs. 1000.00 per day
iii) Hyd. Jack/Mech. Jack	: Rs. 1000.00 per day
iv) Small tools	: Rs. 250.00 per day
v) Light fixtures /hand lamp	: Rs. 250.00 per 8 Hours
vi) Blower/ hot blower	: Rs. 200 per day.
vii) Drilling machine	: Rs. 200 per day.

- (vii) Provision of scaffolding material for maintenance work will be in the scope of the contractor. The scaffolding shall be with pipe and clamps, metallic jallies.
- (viii) 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 fails due to improper lubrication or intermixing the cost of such damages shall be recovered from contractor's bills. It is the responsibility of contractor to keep various lubricants separately to avoid intermixing. The failure /defects of equipment due to improper method of maintenance, equipment assembly due to contractor negligence, and the losses will be recovered from contractor's bills.
- (ix) In case of breakdown of equipment, the contractor should work round the clock for putting back the equipment in service immediately within minimum time. In case of any emergency arising during night hours the contractor should be in a position to mobilise the manpower immediately within minimum time.
- (x) 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, 240 Volt and sufficient quantity of halogen lamp.
- (xi) 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.
- (xii) All new replacements whether spare parts or any other, shall be inspected and approved by GIPCL Engineer in charge before It is actually put to use. It shall be the supervisor's responsibility to ensure this without failure.
- (xiii) The Contractor must ensure that all the generated scrap, cotton waste, waste oil, tools and tackles are removed from the site immediately 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 Contractor's cost with penalty and it will be deducted in the RA bill.
- (xiv) Hazardous waste like waste oil and oil/grease soaked cotton waste oil to be collected in separate container and then shift to the designated area as per the instruction of engineer in charge.



- (xv) It is the responsibility of site incharge to segregate and remove the scrap from site. Work will be certified by GIPCL engineer only after removal of scrap to the scrap yard.

21. 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 lcpatel@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.

22. 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'.

23. 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 or during Pre-Bid meeting.

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

24. PAYMENTS

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

25. POINTS TO BE CONSIDERED DURING QUOTING ONLINE PRICE BID

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

Note: Interested bidders are requested to submit the online tender at least two days in advance from the due date set for on line submission of bid in order to avoid non participation of e-tender due to probable technical problem in e-tender system.



26. 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.(to be reviewed with legal and to be incorporated in special conditions only)



SECTION-B

INSTRUCTIONS TO BIDDERS FOR ONLINE TENDERING

1) Bidders who wish to participate in this tender will have to procure or should have legally valid **Digital Certificate (Class III)** as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n)code solutions-a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below

Bidder may go through the e-tendering instruction for online Bid participation through n-procure platform for further details and guidance for participation in the tendering process through e-tendering. In case of any queries related to e-tendering system, Bidder may write/contact at following details:

(n) Code Solutions – A division of GNFC Ltd.

301, GNFC Info tower, Bodakdev,

Ahmedabad – 380 054 (India)

Tel: +91 79 26857316 / 17 / 18

Fax: +91 79 26857321

E-mail: nprocure@gnvfc.net

www.nprocure.com

Toll Free: 1800-233-1010(Ext. 501,512,517)

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

2) To participate in e-Reverse Auction, bidders have to create e-Auction USER ID on www.auction.nprocure.com and it is mandatory to submit the same along with physical Technical-Commercial Bid; so that the bidder shall be allowed to participate the e-Reverse Auction



SECTION-C GENERAL CONDITIONS OF CONTRACT

1. 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 15% additional overhead charges of GIPCL.

2. 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.

3. TERMINATION OF CONTRACT BY GIPCL

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

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

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

- i. Contractor is adjudged as insolvent.
- ii. Contractor has abandoned the contract.
- iii. Contractor fails to proceed with the work with due diligence as per requirements of the contract.
- iv. Contractor has neglected or failed persistently to observe or perform any of the acts, matters or things, which as per the contract are to be observed and performed by the contractor.
- v. Contractor repetitively violating the safety norms for more than three incidents.



- vi. Any major contradiction of applicable labour laws.
- vii. Any major deviations from contractual terms and conditions including quality of job.

4. FAILURE & TERMINATION

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

If the contractor fails to execute the work or fails to mobilize the resources and equipments as per directions of GIPCL / ENGINEER within the time frame given and/or violating the GIPCL's safety rules & regulations, ENGINEER/ GIPCL shall get the work done by third party at the risk & cost of the CONTRACTOR with additional 15% overhead charges of GIPCL and all costs incurred in connection therewith shall be recoverable from the CONTRACTOR by the GIPCL /ENGINEER as a debt or may be deducted by him from any money due or to become due to the CONTRACTOR.

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

5. 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. The place of arbitration shall be at Surat/Vadodara or any other place within state of Gujarat as may be mutually agreed by the parties in consultation with the tribunal.
- b. In appointment of the Sole Arbitrator, if the dispute claim is up to a sum of Rs. 25/- Lac, a person having a position equivalent to a Retired District Judge shall be appointed; for the claim higher than Rs. 25/- Lac and up to Rs. 100/- Lac, the same shall be referred to a Retired High Court Judge and for a claim exceeding Rs. 100/- Lac, the same shall be referred to a Retired Supreme Court Judge.
- c. Work under the contract shall be continued by the contractor during arbitration proceedings unless GIPCL shall order suspension thereof or any part thereof in writing or unless the matter in such work cannot possibly be continued unless the decision of the Arbitration proceedings is obtained.

6. INTERPRETATION OF CLAUSE



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

7. EMPLOYEE'S COMPENSATION INSURANCE

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

Contractor shall also obtain additional off-duty coverage insurance policy for all his workers as per clause no. 35 herein under.

8. STATUTORY REQUIREMENTS

a. COMPLIANCE OF LABOUR LAWS

1. The contractor shall at his own cost comply with the provision of labor laws, rules, orders and notifications whether central or state or local as applicable to him or to this contract from time to time. These Acts/Rules include without limitation of the followings.
2. Contractor shall be solely responsible and shall fully comply with all the provisions of all the labor laws applicable such as the Minimum Wages Act, 1948, Contract Labor (Regulation & Abolition) Act 1970, Factories Act, 1948, Payment of Bonus Act 1965, Employees Provident Fund and Miscellaneous Provision Act 1952, Industrial Dispute Act 1947, Employees Compensation Act 1923, Payment of Gratuity 1972, Interstate Migrant Employees Act 1979, Equal Remuneration Act with Rules, Order and Notifications issued/made there under from time to time.
3. All other Acts, Rules/Bye-Laws, Orders, Notifications etc. present of future applicable to the contractor from time to time for performing the contract job.
 - 3.1 The Contractor shall provide and be responsible for payment of Wages, Salaries, Bonus, Social charges, Insurance, Food, Accommodation, Transport, Medical and Canteen facilities and other statutory privileges and facilities to his personnel as per law/rules/regulations and orders of the Central Government, State Government, Local Authorities or other authorities as are in force from time to time. All employees of the Contractor shall be employee of the Contractor.
 - 3.2 The contractor shall have a valid license obtained from Licensing Authority under the Contract Labor (Regulation & Abolition) Act-1970 at the time of execution of the contract covering all his employees working at SLPP site and furnish the same failing which GIPCL may terminate the contract at its sole discretion.
 - 3.3. The Contractor shall at the time of execution of the contract have a EPF Code Number obtained from the Authorities concerned under the Employees Provident & Miscellaneous Provisions Act, 1972 and remit contributions in respect of the employees employed by him at SLPP Site to the P.F office concerned every month failing which GIPCL will recover from



- the outstanding payment to the contractor from GIPCL.PF code of Gujarat region should be taken.
- 3.4. The Contractor shall maintain all records/registers required to be maintained by him under various labor laws mentioned above and produce the same before the Statutory Authorities whenever required.
 - 3.5 The Contractor shall also submit periodical reports / returns to the various statutory authorities such as the Contract Labour (Regulation & Abolition) Act-1970, Employees Provident Fund Act etc. Under intimation to HR & Admn.Dept.
 - 3.6 The Contractor shall not pay less than the Minimum Wages notified by the Government from time to time to his employees of corresponding categories.
 - 3.7. The Contractor shall be responsible for payment of overtime wages to his Employees, if any, in case they are required to work beyond the prescribed hours under law as per applicable rates.
 - 3.8 The contractor shall take Employees Compensation Insurance Policy for all his employees working at SLPP. The contractor shall indemnify the company against any liability due to any work injury or accident to any of its employees.
 - 3.9 The Contractor shall in the event any of his Employees / 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's Compensation Act, 1923.
 - 3.10 If any of the persons engaged by the Contractor misbehave with any of the officials or the Company or commit any misconduct with regard to the property of the Company or suffer from any serious communicable disease, the Contractor shall replace them immediately.
 - 3.11 The Contractor shall not engage / employ persons below the age of 18 years. Employment of women shall be strictly according to applicable laws.
 - 3.12 GIPCL will have right to deduct and disburse the claims of the individual / parties being a principal employer on any account whatsoever in relation to their employment with the contractor. The Security deposit will be released to the contractor at the end of the contractual tenure subject to an undertaking by the contractor that in the event any of his Employees or the heirs of Employees 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's Compensation Act, 1923 and the appropriate authority has given a direction for making payment the contractor will meet the same or indemnify GIPCL if in the event GIPCL pays it as Principal Employer.
 - 3.13 The contractor shall make payment of wages to his employees on fixed date within the period specified under the applicable Law, in presence of representative of the company. He will submit above with ECR a true copy of wage sheet, attendance register and P.F. remitted challans on monthly basis to HR&A dept. for verification and record.
 - 3.14 The Contractor shall provide Safety items / kits to his employees such as safety shoes, goggles, ear plugs, hand gloves, safety belts etc., if any, required under the law.
 - 3.15 The contractor shall conduct pre-induction and periodic/Annual medical checkup of his Employees as per applicable laws and as per GIPCL guideline.



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

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

b. LEGAL ASPECTS

1. Contractor shall maintain all register required under the Labour Laws and make the payment as per the Minimum Wages Act through their saving bank account 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.

9. 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.

10. 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.

11. LIGHTING

General area lighting will be provided by GIPCL. However work area specific lighting should be arranged by contractor.

12. 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.

13. 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 Deptt. Safety Deptt. will check the certificates and if found



okay, then only materials will be allowed to enter inside the plant. Material inward gate pass will be made only after certification from Safety Deptt. Security Deptt. will inform to Safety Deptt., as & when such tools and tackles brought at the gate for making entry in the maintenance site.

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

14. 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.
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 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. No loose connection / joints allowed in electrical cables during performance of any kind of job.
 19. Safety shoes to be issued to female employees also.
 20. All the vehicles shall be fit as per RTO guidelines and valid fitness certificate is required as per RTO guidelines.
 21. 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.



22. 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,</p> <p>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><input type="checkbox"/> After two suspensions his gate pass will be cancelled.</p>
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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.

15. 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.

16. GENERAL TERMS AND CONDITIONS:

- a. 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.
- b. 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.
- c. If the work is not found satisfactory, Engineer-in-charge reserves the right to take suitable action.



- d. 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
- e. Contractor shall strictly follow the existing work permit system of the GIPCL and any future revisions.
- f. 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.
- g. 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.
- h. 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.
- i. 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.
- j. The prices / item rates quoted shall remain firm till completion of the contract and any agreed extensions thereafter and shall not be subject to any escalation (only 5% escalation in the item rate will be considered for second year), idle charges for labor, machinery, overhead expenses etc... due to any reason whatsoever. No price escalation / idle charges shall be entertained due to delay in work on unavailability of work front, non-issue of work permit, holding of work permit for any reason, unavailability of contractor's supervisor, unavailability of contractor's safety supervisor, violation of safety rules, unsafe act by any of contractor's worker, negligence & ignorance of safety & quality instructions of GIPCL Engineer-in-charge or any other reason whatsoever.
- k. 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.14**) and/or termination of contract.
- l. One or more jobs may be required to be done simultaneously and contractor shall mobilize additional resources accordingly.
- m. 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.
- n. 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.
- o. The contractor has to submit daily reports showing work carried out with details of available manpower, tractors etc.



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

17. CONTRACTOR’S SUPERVISION

The contractor shall, during the whole time the work is in progress, employ a qualified experienced site-in-charges(Separate for Handling & Maintenance Package and Housekeeping Package) 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.

18. 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.

19. FACILITIES TO BE PROVIDED BY GIPCL

- A.** The Company shall provide the following facilities to the Contractor at the site:
- Electricity & water at nearest available one point. Further distribution to be done by contractor at their cost.
 - Quarter(s) for supervisor/ engineers on chargeable basis in GIPCL's township at discretion of GIPCL if available.
 - 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.
 - Place for site office shall be provided.
 - First aid facilities as available on chargeable basis.

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

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

20. WORK MEASUREMENT/CERTIFICATION

- 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.
- Contractor should maintain one computer with printer for keeping daily records and maintain the data.
- The Contractor shall be required to furnish satisfactory job completion report to GIPCL. The submission of report should be on daily basis, the monthly bill payment shall be released based on the certified reports of the works.



- d. Inspection of work will be done by Engineer in Charge or his authorised 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.

21. 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.

22. 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.

23. 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.

24. 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.

25. 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.

26. UNIFORM

The contractor shall issue three pairs of stitched uniform every year to contract workmen (Pant-Shirt for men and Sari-Blouse to women workers). However brand of fabric will be MAFATLAL. The color of the uniform shall be as indicated by GIPCL. The uniform should be issued to workmen within one month from the date of commencement of the Contract, otherwise penalty will be imposed.

27. ADHOC ALLOWANCE

Considering the inflation and financial conditions prevailing in the market, to compensate the contractor towards the benefits of adhoc allowance. Contractor shall pay additional adhoc allowances to the specified workmen per month.

28. Benefit payable in case of accident outside premises or not during the course of employment: (Off Duty Coverage)

The contractor shall provide off-duty insurance coverage (Medical + Death Benefit) sum of Rs. one Lac (Nagrik Suraksha Policy or Equallent) to all its workmen deployed at GIPCL-SLPP site for the accident taking place outside the Company premises anywhere in any capacity and in whatsoever may be the manner. Premium amount would be around Rs.95/- plus Service Tax per person per year

29. Legal matters pending before the Court: In case, in any litigation pertaining to labour employed through contractor, if any direction or order is issued by court at any point of time, the contractor shall comply with and implement such direction or order whether passed at the time of award of contract or during the pendency of contract

30. Variation In Minimum Wage Rate : In case of any statutory variation in Minimum Wage Rates (MWR), the escalation on quoted rates shall be applicable subject to following consideration :-

- Prevailing Minimum Wage Rates (MWR) on last date of bid submission shall be considered as base rate applicable (based on latest Government Notification) and all statutory payment like PF, Bonus and Leave, on prevailing rate notified by the Government of Gujarat as per Minimum Wages Act, 1948.
- The labour component considered in SoR:- 84% for Handling and Maintenance work and 93 % for Housekeeping work .
- No reimbursement shall be made up to 05% variation in prevailing minimum wage rate for first year of contract period.
- No reimbursement shall be made up to 10% variation in prevailing minimum wage rate for second year of contract period.



Any statutory variation in Prevailing wage rate beyond specified % variation in Minimum wage rate (i.e. to 05% variation in first year & 10% variation in second year), escalation on specified labour component (i.e. 84 % for H & M work price schedule A-1 to A-5 and 93 % for Housekeeping work price schedule B-1 to B-7 & C-1 to C-7) of quoted rate of SoR shall be applicable for differential % increased in minimum wage rate during applicable balance contract period.

31. Contractor has to issue RFID/Digital/Electronic card to his workmen for attendance verification and to avail facility at industrial canteen as directed by GIPCL.

32. BREAKDOWN OF THE PLANT

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

- a. GIPCL shall give a Fifteen days' notice to the contractor intimating him about the breakdown of the plant and the estimated time of its shut down with a direction for demobilization of the contractor's staff from the GIPCL plant site.
- b. Full payment shall be made for a period of first month and a pro rata payment to the extent of demobilisation staff should be made thereafter.
- c. During the period of one month when the plant will be rendered idle, GIPCL will have right to utilize contractor's services in any other manner as deemed fit by GIPCL.
- d. Contractor shall not be eligible for any compensation for demobilisation and remobilisation.
- e. 15 days' notice intimating the re-commencement of the plant will be given to the contractor for remobilisation of his staff and resources.

33. PENALTY AND RECOVERY

A) Penalty clause

- | | |
|---|--|
| I. Shortage of tools & tackles | : Rs. 500.00 Per day per T&P |
| II. Poor house-keeping | : Rs. 500.00 per instant/day. |
| III. Any Minor Fire | : Rs.500 per instant. |
| IV. Un-safe work | : Rs. 500.00 per day per Instant. |
| V. Damage to GIPCL equipment
machinery | :Free replacement / repair up to
satisfaction of GIPCL OR 1.2 time
cost GIPCL incurs in repair /replacement |
| VI. Deployment of less Technical people (for handling): | Penalty will be levied if
contractor will deploy less technical person against requirement. The penalty
will be 25% of quoted price for each category as mentioned in Annexure-A1. |
| VII. Deployment of less Technical people for mechanical maintenance jobs in shift | : |



Penalty will be levied if contractor will deploy less technical person against requirement. The penalty will be 25% of quoted price for each category as mentioned in Annexure- A-5.

VIII. Site in charge / Maintenance in charge / Operation In charge : Rs. 500/day/person (except weekly off, paid holidays,& approved leave from engineer in charge)

IX. Non availability of consumables like Gas, Electrodes, cotton waste & cleaning agents etc. : Rs. 500/- Per Instant/day

X. Non availability of vehicle for Handling and Maintenance: Rs. 1000/- Per shift

Every month 3 days will be allowed to carry out maintenance work of vehicle after advance information to Engineer In charge. Vehicle Maintenance is to be planned in such a way that routine operation and maintenance mobilization work is not suffered and at least one vehicle remains available in plant premises at any point of time.

- (i) In the event the Contractor causes undue delay in performance or the performance is unsatisfactory causing harm to the plant and property of GIPCL, then in such a case, GIPCL (Engineer-In-Charge) shall be entitled to levy a penalty on the Contractor at the rate of 1.5 times of the item rate upto a maximum of 10% of the total contract value. The said penalty amount may be recovered either from the monthly bills or the SD.
- (ii) However, the total amount of penalty recoverable from the Contractor shall be restricted to 10% of the contract value.
- (iii) In addition to and without prejudice to the above, GIPCL shall also have the right to get the affected work completed by a third party or agency at the risk and cost of the Contractor/ and the Contractor shall be liable for any differential amount in the contract price.
- (iv) Any damage caused to the equipment or machinery on account of the negligence on the part of the Contractor or due to any other reasons attributable to the Contractor, shall be recovered by the Owner/GIPCL from the Contractor.
- (v) The ascertainment of the cause of the damage shall be done by the A GM (SLPP) and his decision in this regard shall be final.
- (vi) The decision of the Engineer-In-Charge as regard the amount of damages to be recovered from the Contractor shall be final.
- (vii) The aforesaid amounts of penalty and damages shall be recoverable from the monthly bills of the Contractor or the SD. If the amount of damages recoverable from the Contractor exceeds the bills and SD amount, then the Contractor shall become liable to pay the same to GIPCL and GIPCL shall be entitled to initiate appropriate proceedings against the Contractor for the same.

34. 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. Detail Scope of work for Handling, Mechanical maintenance and Housekeeping of Lignite Handling, Lime Handling, Lime Milling and Lime conveying System.

A1) Detailed scope of Work for Handling

- A. The main motto of handling system should be operating the system efficiently, proper co-ordination with main plant for filling Lignite & Limestone bunkers as per their need, co-ordination with mine dept. for transportation of lignite to in-plant. It should be ensured that Lignite & Limestone bunkers are not starving at the time of need.
- B. The contractor shall deploy adequate number of qualified and skilled persons at all locations as per Annexure K 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. Contractor shall ensure that each Location operator has to look after the area fixed by Engineer I/C. Total no. of manpower requirement for Handling may vary as per discretion of Engineer I/C. Payment will be made based on deployment of manpower as per directive of Engineer I/C.
- C. System to be run in healthy conditions maintaining operational parameters. If any defects are developed it shall be rectified immediately.
- D. Safety of equipment and men are of most important. Issue of permit to work to maintenance people, is to be strictly in line of direction given by GIPCL.
- E. All operational log sheets, running hours, history to be maintained on day to day basis. Operator checklist is to be filled and submitted in each shift to shift Incharge.
- F. Auxiliaries are to be run according to requirement of the system only. No idle running of the system / equipment is to be done.
- G. Manpower deployed by the contractor must be equipped with safety guards like safety shoes. Safety belts, safety goggles, ear plug, helmet, mask etc.
- H. Required data's on hourly basis, cleanliness of equipments, handling the system/ equipment in healthy condition as per requirement of main generating unit.
- I. Operators must be made available at various locations as per instruction of engineer in charge. If locations are un-manned, necessary disciplinary action as well as penalty will be imposed on contractor.
- J. Cleaning and up keeping of all equipments



- K. It is a pre-condition that the contractor and the persons deployed by him are for a Contractual period only.
- L. Permit to work system is to be followed to carry out any Job. All the activities are to be carried out by the contractor as directed by GIPCL.
- M. The decision of Addl. General Manager (SLPP) of the Plant shall be final and binding on the contractor for defining the terms and conditions included in this contract.
- N. Contractor has to engage the manpower for the complete handling & maintenance of LHS, LSHS & LSMS at various locations as per instruction of engineer in charge.
- O. Contractor shall have to appoint experienced and well conversant Site-in-charge for handling the site. The site-in-charge should have hands on experience in handling and maintenance of similar type of equipment(s), who will co-ordinate with GIPCL engineer & should bear over all responsibilities of contract.
- P. It will be the responsibility of the contractor to ensure the smooth operation of the system considering all safety aspects and ensuring the healthiness of the system. Co-ordination of all activities in consultation with GIPCL is the responsibilities of the contractor.
- Q. It is the responsibilities of the contractor to ensure that all the employees deployed by them remain available at their respective locations.
- R. Time keeper/Store Keeper is to be deployed for managing the man power and T & P resources as per requirement.

A-2) Detailed scope of Work for Mechanical maintenance

- A. The contractor has to follow the preventive maintenance schedule strictly as per the schedule provided by the Engineer-in-charge. The preventive maintenance checklist for every equipment is to be followed and submitted to GIPCL daily after completion of job
- B. Contractor has to prepare job card for each work permit which is to be filled & verified immediately after completion of work / cancellation of work permit. This payment of each work will be verified based upon job card only.
- C. Shift maintenance (mechanical)
A team of at least ten people consisting of two ITI(Fitter), two cutter cum welder & six semi-skilled persons shall be deployed in all three shifts. One Engineer/supervisor is also to be deployed to co-ordinate, monitor and supervise the work.
- D. The contractor has to submit list of spares, Lubricants, Fasteners, Bearing etc. required for next fifteen days to GIPCL in advance.
- E. Reconciliation statement of spares, Lubricants, fasteners consumed in each month must be submitted to GIPCL by 5th of next month strictly with due verification by GIPCL maintenance engineer.
- F. For smooth maintenance of the system, Contractor has to keep minimum tools at Feeder Breaker, Stacker Reclaimer (Mines), Lignite Bunker, Crusher House to reduce mobilization time.
- G. Contractor has to maintain separate sub store for lubricants also. All oil/grease containers shall be marked clearly. Separate can ((5 Ltr, 10 Ltr, capacity) and oil



- pump to be kept for oil containers. If any equipment is found damaged due to mixing of lubricants, cost of repair/replacement shall be borne by the contractor.
- H. The standard maintenance checks have to be carried out during operations like safe working parameters, high vibration, and noise, bearing temperature etc. strictly as per manufacturer's instructions. Contractor / his representative shall fill reports time to time.
 - I. Since it is a continuous process plant, existing safety rules are to be followed. Permit to work system is to be followed to carry out maintenance Job.
 - J. The contractor shall have to submit daily report showing maintenance work carried out, spare parts/consumables etc. replaced, operational running hours, status of availability of system /equipment of LHS, LSHS & LSMS on day to day basis.
 - K. Equipment history register is to be maintained as per instruction of GIPCL and to be submitted weekly for review.
 - L. If any damage occurs due to negligence of contractor, he has to bear the entire cost of repair / replacement of equipment /machinery to the satisfaction of GIPCL.
 - M. Breakdown maintenance: contractor has to deploy maximum manpower immediately so that the break down equipments is revived as soon as possible.
 - N. Contractor has to plan and prepare the schedule for oil filling in gearboxes and fluid couplings etc based on the running hours and instruction of GIPCL engineer in charge.
 - O. Routine, Breakdown, Shutdown and Preventive maintenance of entire works in Lignite & Limestone Handling system, Limestone Milling & Conveying system and Dry Fog System are to be carried out as per schedule.
 - P. For planned shutdown contractor should be able to supply the required manpower. The information of shutdown in such case shall be not more than 3 days. However, if the contractor fails to provide required manpower for shutdown/ breakdown jobs in time, the preventive maintenance will be deferred by GIPCL during shutdown/ major breakdowns. The payment **for the jobs not covered** in the preventive, predictive, breakdown maintenance schedule shall be paid as per the man day rates quoted by contractor in the price bid and accepted by GIPCL. No claim/ compensation shall be entertained by GIPCL towards non-carrying out of preventive maintenance during such period. In case of breakdown of equipment, the contractor should work round the clock for putting back the equipment in services immediately within minimum time
 - Q. Contractor shall make their own arrangement for transportation of manpower, T&P & consumables from plant to mines area for attending all the maintenance activities in time. Work should not be held up due to lack of proper transportation facility. Contractor has to keep separate vehicle for operation as well as maintenance for timely execution.
 - R. All required stationary like logbooks, PM checklists, daily report format for submission of reports shall be provided by GIPCL. The contractor shall have to submit daily reports showing details of the maintenance works carried out, spare parts replaced and consumables used etc.. Payment for the preventive / breakdown / predictive maintenance works will be made based on daily work reports/ check list/ protocols thereof submitted to respective department as per GIPCL format. Re-conciliation statement is to be handed over to engineer in-charge at the end of every month.
 - S. The contractor shall have to obtain spares in required quantity duly approved by GIPCL engineer whenever necessary from GIPCL store/ warehouse. Contractor shall have to arrange transportation for the above. Cost of transportation will be on contractor's account. The contractor shall be responsible for safe transportation, handling and storage.



- T. In case the contractor fails to execute the jobs as assigned to satisfaction of GIPCL, GIPCL reserve the right to execute the job through a third party at the cost & risk of the contractor.
- U. Contractor shall make their own arrangement to depute operation staff from plant to mines area in time. Work should not be held up due to lack of proper transportation facility.
- V. **Defect liability period:** The defect liability period for respective job has been detailed in **ANNEXURE-M**. During defect liability period, if any defect arises in jobs which have been already executed, shall be rectified by the contractor free of cost.
- W. The time schedule given is the standard time required for respective activities of work, as mentioned in **ANNEXURE- I**
- X. For smooth operation of equipment at ELHS, contractor has to maintain separate sub store to reduce the mobilization time.
- Y. Contractor should keep the essential tools, tackles and consumable as per **ANNEXURE-J** (Mechanical) before commencement of the contract. These equipments shall be maintained at site in good condition till expiry of contract period. For proper maintenance of the plant, the contractor is required to maintain a list of tools & tackles in good working condition at site. The contractor should note that tools and tackles indicated in the above referred annexure is not exhaustive and the contractor shall arrange any additional tools and tackles required for proper performance of the contract, immediately with no extra cost to GIPCL. However, for the bidder, the indicative list as per Annexure referred above is the minimum quantity of tools & tackles which must be maintained at site all the time failing which penalty is proposed in the terms of the contract. At any point of time during contract execution or surprise checking by GIPCL authority if instruments (tools and plants) are not found working satisfactorily a penalty will be levied as per penalty clause in this tender document, from the RA bills. Amount once deducted, as penalty shall not be refunded. If the contractor has used any of the T&P of GIPCL, which is in the scope of the contractor, hire charges shall be imposed on the contractor in addition to penalty. T&P issued to contractor are to be returned immediately after completion of the work.
- Z. The contractor has to arrange qualified & experienced manpower for carrying out maintenance work refers **ANEXURE-K**. All work must be supervised round the clock by experienced supervisor to ensure timely completions of quality work.
- AA. Keeping track on the preventive maintenance schedule of equipment if not done in time.
- BB. Engineer / supervisors/coordinators have to be there at locations till completion of each activity
- CC. One in-charge for overall co-ordination of mechanical maintenance activities to be deployed.
- DD. Store keeper /Supervisor is to be deployed for proper up keeping of tool & tackles, plant spares etc. should be custodian of T&P, consumables & spares.
- EE. Engineer in charge or his authorized representative may do inspection of work at any time. If the work is not found satisfactory, engineer in charge reserves the right to take suitable action.
- FF. Surface of raw steel materials has to be cleaned. Fabricated structures are also to be properly cleaned by wire brush / buffing before painting. One coat of zinc oxide primer with two coats of synthetic paint to be applied as per instruction of GIPCL engineer. Dry film thickness (DFT) of Primer shall be minimum 30 micron and two coat of enamel paint of 25 microns each. The total DFT shall be 80 micron for all fabrication related work



GG. Paint Material including thinner is in the scope of bidder for all fabrication related work.

HH. Inspection of tool & tackles

Inspection of tools & tackles will be done quarterly. The basis will be the minimum quantity of tools & tackles in workable condition as detailed in the specification. This inspection of T & P list would be a part of monthly invoice. If any short fall is notices, maximum 10 days will be allowed to contractor for procurement / repair. If procurement / repair time is more than 10 days, he will be penalizes as per pre-defined list.

B) Detailed scope of Work for Housekeeping of ILHS

1. Boundary limit for internal system starts from (1) Gallery of BCN-1A (2) RPG floor of JNT-2B
2. Dry sweeping of entire area and all equipment's (including technological structure) as per schedules.
3. Water washing of Houses, JNT's, Conveyors galleries, tunnels etc. to be carried as per schedule C in normal case and also as per system requirement.
4. Dry sweeping of chutes, deck plates, seal plates & walk way on daily basis.
5. Periphery up to 3 meter of all buildings and JNT's to be kept always cleaned and it is to be checked once in every week to in charge GIPCL engineer.
6. Removal of spilled Lignite & Limestone near approaches of the system, as directed by in charge.
7. Dry sweeping and swabbing with detergent/phenyl of floors of Control rooms, MCCs and LHS office as per schedule.
8. Cleaning of all glasses provided in LHS office, LHS & Mill control room, Stacker reclaimer, Bucket wheel reclaimer.
9. Removal of grass, plants etc. near all Conveyor's take-up area, transformer yards, JNTs, crusher house, screen house and control rooms up to 3 (Three) meter from surrounding periphery is in the Bidder's Scope.
10. Removal of spider webs & spill over oil from all location defined in SCHEDULE A/B is in contractor scope as & when required basis.
11. Cleaning solutions required for toilets, control room floors, glass, etc. is in bidder's scope.
12. Toilet freshener, control room freshener spray, hand washing solution is to be provided by bidder.
13. Loading, transporting and unloading of spilled lignite and lime stone from various locations of lignite and lime stone system to respective stockpile by means of tractor-trailer as per schedule –B-4 with tractor and JCB including driver is in bidder's scope.
14. Segregation of scrap materials and shifting to waste yard while loading spilled lignite or limestone is in bidder's scope.
15. Bidder has to maintain minimum tools and accessories as mentioned in Annexure –J.
16. Bidder has to ensure the smooth operation of system by carrying out housekeeping work as per system requirement considering all safety aspects.
17. Bidder has to ensure minimum two tractors with trolley not more than Four years old, fitness certificate of tractor-trailer along with tractor driver having valid driving license. Above are to be submitted before engaging the tractor-trailer. Bidder has to also ensure one no. of JCB-3D as and when required, it will be used for cleaning/material loading or any other housekeeping activities as when required and instructed by GIPCL i/c engineer.



18. Bidder has to clean the area in running conveyor & equipments by taking necessary safety precautions under strict supervision of respective location supervisor.

Housekeeping of Internal Area of Lignite Handling, Limestone Handling and Milling System is to be carried out as per Schedule ‘B1, B2, B3, B4, B5 & B6 and detail is as mentioned below.

DETAILS OF SCHEDULES AND THEIR QUANTITIES:

➤ DETAILS OF SCHEDULE “B1 ”

Cleaning to be done in three shifts

- 1 Bunker Unit-1 & 2 side Grill Area & BCN-8A/B floor Receiving area
- 2 Bunker Unit-3 & 4 side Grill Area
- 3 JNT-1 (BCN-7A/B/C/D tail end & BCN-6A/B Head end)
- 4 Old SCH (BCN-6A/B tail end,crusher floor & BCN-5A/B head end)
- 5 BCN-6A/B Gallery

Total qty for two years: 3 shift X 5 location X 730 Days = 10950 Nos.

➤ DETAILS OF SCHEDULE “ B2 ”

Cleaning to be done in general shift for Lignite & Limestone Handling & milling system

- 1 Unit 1& 2 SFD floors including all equipments.
- 2 BCN-8A/B floor & equipments,BCN-7A/B floor & equipments with Gallery & take-up
- 3 Unit 3 & 4 bunker floors including all equipments with take-up area
- 4 SCH all floors including BCN 5A/B head end, BCN 6A/B tail end.
- 5 JNT – 1 all floors & equipments.
- 6 BCN-6A/B Gallery from SCH building to JNT-1 ,Take-up & JNT-2
- 7 BCN 5A/B Gallery and JNT 3, 4,5 including BCN-12 A1,A2/B1,B2 enclosure .JNT 5
- 8 BCN 4A/B Gallery & tunnel.
- 9 JNT- 8, JNT 9, BCN 1A Gallery
- 10 BCN 2A yard portion, tunnel portion and tail end portion along with rail.
- 11 JNT –10, 11 including BCN 2B gallery.
- 12 BCN 2C yard portion & tail end portion along with rail
- 13 Screen house extension including BCN 4A/B head end, 13 A/B drive end & BCN 13A/B gallery.
- 14 S/R-I/P Machine



- 15 BWR Machine
- 16 Dry sweeping of MCCs, Compressor room-4 Nos, Control room-2 Nos, Work shop-1, Toilets / Bathroom - 8 Nos
- 17 Up-keeping of LHS office.
- 18 Mill – A (entire mill-a building area excluding ground floor)
- 19 Mill – B (entire mill-b building area excluding ground floor)
- 20 Mill – C (entire mill-c building area excluding ground floor)
- 21 Mill – D (entire mill-d building area excluding ground floor)
- 22 Mill A,B,C,D ground floor area, surrounding and connecting drains
- 23 compressor house & its roof & accessories, LPG room, oil room
- 24 BFD-LS1 & LS2, BCN-LS1 & tunnel area, sump pump & drain, gallery, stair case, ventilation room.
- 25 Limestone crushers house all floors, and surrounding drains
- 26 BCN-LS2 & Gallery & JNT-LS1.
- 27 BCN-LS3, Gallery, Traveling tripper, and Limestone bunker floor with staircase of bunker floors.

Total Qty for two years - 27 X 730 Days = 19710 Nos.

➤ DETAILS OF SCHEDULE “B3”

- Once in a week water washing.

- 1) BCN 6A/B entire Gallery and JNT 2
- 2) All Bunker floor of unit 1&2
- 3) All Bunker floors of unit 3&4
- 4) Secondary Crusher House
- 5) JNT – 1 all floors including FGT and BCN-7A/B/C/D Gallery

Sub Total: 104 X 5 = 520 for two years

- Once in two weeks water washing.

- 1) Bucket Wheel reclaimer
- 2) Stacker Reclaimer (in plant).
- 3) BCN 5A/B Gallery, tunnel
- 4) BCN 2A yard conveyor and tunnel
- 5) JNT –10, 11 including BCN 2B tunnel & gallery.
- 6) BCN 2C conveyor including yard portion
- 7) JNT- 8 & 9 and BCN 1A gallery.
- 8) Screen House A/B
- 9) BCN 11A/B Gallery & tunnel including 11A/B head end and JNT 6, 7 including 10A/B head end.



10) BCN 13A/B and BCN 4A/B Gallery & tunnel and JNT 3,4,5

Sub Total: 52 X 10 = 520 for two years

Total quantity for two years: 520 + 520 = 1040 Nos.

➤ DETAILS OF SCHEDULE “ B4 ”

Loading, transporting and unloading of spilled lignite and lime stone from various locations of lignite and limestone system to stockpile by means of deploying tractors/Dumper and required manpower/JCB. While loading other than lignite and lime stone like steel scrap, rubber cut pieces etc to be segregate and shift to waste yard. Weighment of each tractor is to be done on GIPCL weighbridge and payment will be done accordingly.

Total quantity for two years: 10800 MT

Gross total = 10800 MT for two years

➤ DETAILS OF SCHEDULE “B5”

Sr. No	House Keeping Activity	Frequency	Qty for two year
1	Removing of Spider webs and cleaning of wall of all ILHS & Lime Stone system buildings.	Once in a Month	24
2	Water washing of rubber mats placed in front & backside of HT & LT switch gear of all MCC's (including Machines) and putting back at its location.	Once in a Month	24
3	Cleaning of all cable trenches.	Once in a Month	24
4	Cleaning Transformer Yards	Once in a months	24
5	Clearing of Vegetation in and around of BCN2C, 2A and all surrounding of all ILHS & LSMS system/ buildings.	Once in two months	12
6	Periphery drains of secondary crusher house & JNT-1 (twice in a month for SCH & JNT-1 each)	Twice in a month	96
7	Periphery drains of screen house A/B	Twice in a year	4
8	Periphery drains of LHS office and junction tower,4,5,8,9,10,11.	once in a Month	24
9	Swabbing of all floors of MCCs, Compressor rooms, Work shop	Twice in a week	208
10	Periphery drains of LHS & LSMS control room	Twice in a month	48
11	Dry cleaning of Screen houses A&B including ground floor	Once in a Month	24
12	Cleaning of sump pump pits – 5 Nos (5 pits 4 times)	Once in three Months	40



Total Qty for two years = 552

- DETAILS OF SCHEDULE “B6 ”
Choke up cleaning during monsoon:

Sr. No.	Choke up cleaning activity	Frequency
1	Unit 1 bunker grill & SFD 4A1 & B1	Per shift
2	Unit 2 bunker grill & SFD 4A2 & B2	Per shift
3	Unit 3 bunker grill & TT/PF of BCN 7C	Per shift
4	Unit 4 bunker grill & TT/PF of BCN 7D	Per shift
5	All receiving & discharge Chutes in JNT 1	Per shift
6	All receiving & discharge Chutes of equipment in SCH	Per shift
7	BCN 4A/B discharge & BCN 13A/B discharge chute	Per shift
8	BWR & SR I/P– Centre chute & tripper discharge chute & discharge Chutes in JNT 8&9	Per shift

- Note: For choke up removing 96-97 days considered as a monsoon period which is predicted from past experience and execution would be based on purely rainy conditions and requirements.

Total quantities for two years: (96-97)x2 days x 3 shift x 8 section = 4640 Nos.

C. Detailed scope of work for Housekeeping of ELHS

- Boundary limit for External system ends at (1) Gallery of BCN-1A (2) RPG floor of JNT-2B
- Dry sweeping of entire area and all equipment's (including technological structure) as per schedules.
- Water washing of Houses, JNT's, Conveyors galleries, tunnels etc. to be carried as per schedule in normal case and also as per requirement.
- Dry sweeping of chutes, deck plates, seal plates & walk way on daily basis.
- Dry sweeping and swabbing with detergent of floors of Control rooms, MCCs daily as per schedule.
- Periphery up to 3 meter of all buildings and JNT's to be kept always cleaned.
- Removal of spilled Lignite & near approaches of the system, as directed by in charge.
- Cleaning of all glass provided in feeder breaker control room and Stacker reclaimers.
- Removal of grass, plants etc. near all Conveyor's take-up area, transformer yards, all MCC rooms is in the contractor's Scope.
- Removal of spider webs & spill over oil from all location defined in schedule is in contractor scope as & when required basis.
- Cleaning solutions required for toilets, glasses, toilet freshener etc. is in bidder's scope.
- Loading, transporting and unloading of spilled lignite from various locations of lignite system to respective stockpile by means of tractor-trailer as per schedule.
- Segregation of scrap materials and shifting to waste yard while loading spilled lignite is in bidder's scope.



14. Bidder has to maintain minimum tools and accessories as mentioned in Annexure –J.
15. Bidder has to ensure the smooth operation of system by carrying out housekeeping work as per system requirement considering all safety aspects.
16. Bidder has to ensure minimum one tractor with trolley not more than four years old, fitness certificate of tractor-trailer and driving license of tractor driver is to be submitted before engaging the tractor-trailer. Also bidder has to provide JCD-3D as and when required by GIPCL i/c engineer for removal of spilled lignite or other housekeeping activities.
17. Truck mounted vacuum cleaning machine along with the driver and diesel will be provided by GIPCL contractor has to engage required manpower in respective area for handling of the hose pipes of stationary and mobile industrial vacuum cleaning machine while in operation
18. Bidder has to clean the area in running conveyor & equipments by taking necessary safety precautions under strict supervision of respective location supervisor.

Housekeeping of External Area of Lignite Handling System is to be carried out as per Schedule 'C1, C2, C3, C4, C5 & C6. Detail is as mentioned below.

DETAILS OF SCHEDULES AND THEIR QUANTITIES:

➤ DETAILS OF SCHEDULE “ C1 “

Cleaning to be done in three shifts

- 1) Feeder Breaker & tail end of BCN M1A.
- 2) Crusher cum screen house of expansion.
- 3) S/R-Expansion and Rail Cleaning
- 4) OLD PCH all floors & equipments

TOTAL QUANTITIES FOR TWO YEARS: 730 days x 3 shift x 4 section = 8760

➤ DETAILS OF SCHEDULE “ C2 “

Cleaning to be done in general shift

- 1) JNT-13 all floors & equipments
- 2) A/F & BCN-M7 Tail end & all equipments
- 3) JNT-12 all floors & equipments including BCN-1A Tunnel portion and sump pump pit
- 4) New PCH all floors, BCN M7 Gallery & equipments.
- 5) JNT-2A/2B all floors , gallery & equipments(Up to RPG floor)
- 6) BCN M4 yard & gallery portion.
- 7) BCN M5 Ground & gallery portion.
- 8) BCN M1A Gallery portion and Yard Conveyor
- 9) BCN M2A Gallery portion
- 10) BCN M3A Gallery and enclosure portion
- 11) Dry cleaning of all MCC rooms (New PCH, PCH, New SCH, F/B, Mines MCC, AWR), New PCH Compressor house
- 12) Cleaning of toilet/ bathroom 4 no's
- 13) S/R-O/P and Rail Cleaning

TOTAL QTY FOR TWO YEARS = 13 X 730 = 9490Nos.

➤ DETAILS OF SCHEDULE “ C3 “



Once in a week water washing

- 1) PCH, BCN-M3A & JNT 12
- 2) New PCH & gallery, tail end of BCN M7 & A/F Floor.
- 3) New SCH
- 4) M1A 20 Nos. Gallery
- 5) JNT 13 & M2A- 20 Nos Gallery

Once in two week water washing

1. Stacker Reclaimer (out plant)
2. Stacker Reclaimer (Expansion)
3. BCN-M4 yard portion, tail end & Gallery
4. JNT – 2A & 2B and Gallery of BCN M5 &M6

Total quantity per year = $5 \times 104 + 52 \times 4 = 728$

➤ DETAILS OF SCHEDULE “ C4 “

Loading, transporting and unloading of spilled lignite and lime stone from various locations of lignite and limestone system to stockpile by mean of deploying tractors/Dumper and required manpower/JCB. While loading other than lignite and like steel scrap, rubber cut pieces etc to be segregate and shift to waste yard. Weighment of each tractor is to be done on GIPCL weighbridge and payment will be done accordingly.

Gross total = 5940 MT for two years

➤ Details of Schedule “C5”

Sr. No.	House Keeping Activity	Frequency	Total jobs for two years
1	Removing of Spider webs and cleaning of wall of all ELHS buildings.	Once in a Month	24
2	Water washing of rubber mats placed in front & backside of HT & LT switch gear of all ELHS MCC's and putting back at its location.	Once in a Month	24
3	Cleaning of all cable trenches of ELHS.	Once in a Month	24
5	Clearing of Vegetation in and around of all surrounding of all ELHS system/ buildings.	Once in two months	12
6	All Periphery drains of ELHS system /buildings/ MCC	Once in a Month	24
7	Swabbing of all floors of MCCs (6 Nos)	Twice in week	208

Total Qty for two years = 316

➤ DETAILS OF SCHEDULE “C6”: - Choke up cleaning during monsoon:

Sr. No.	Choke up cleaning activity	Frequency
1	All receiving & discharge Chutes of equipment in New screen cum crusher house.	Per shift



2	Stacker /bucket wheel reclaimer (Expansion)	Per shift
3	All receiving & discharge Chutes of equipment in New PCH	Per shift
4	All receiving & discharge Chutes of equipment in old PCH	Per shift
5	BCN M1A Discharge and BCN M2A receiving at JNT-13& JNT-2A / 2B	Per shift

- Note: For choke up removing 96-97 days consider as a monsoon period

Total quantities for two years: (69-97)*2 days x 3 shift x 5 section = 2900

1.1 **SPECIFIC REQUIREMENT**

- 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, Housekeeping 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.
- 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.
- The contractor has to submit daily reports showing maintenance work carried out spare parts/ consumables etc. replaced.
- 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.
- Any job other than the listed jobs in work order shall be executed by the contractor on instruction from GIPCL and payment shall be made to the contractor as per ANNEXURE-A-5
- 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.



- h. Communication equipment like mobile phone is to be provided to all responsible persons like site in charge, operation in charge, coordinators, 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.
- i. Two nos. Utility vehicles are to be kept separately for operation and maintenance activity as per tender guideline. Only utility vehicle is allowed equivalent to Mahindra Bolero Maxi truck, TATA 207 DI RX PICK UP etc having more than 60 HP power. Vehicle should not be older than four years during entire contract period.
- j. Contractor should mobilize all resources for efficient & smooth execution of contract within 15 days from the date of issue of Letter of Intent.
- k. GIPCL is an ISO 9001, ISO 14001, OHSAS 18001 & ISO 50001:2011 (EnMS) certified company, and GIPCL gives extreme importance to maintain these global standards. Contractor shall be required to observe these standards while working with GIPCL. Contractor should ensure that his workmen work in accordance with them.

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.

1.6 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.



3. **CONTRACT PERIOD**

Contract period will 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 separate running invoices in duplicate every month for Handling, Mechanical Maintenance, Housekeeping ILHS & Housekeeping ELHS in respect of the work performed or completed during the month along with the documents as hereinafter provided. On receipt of the invoice complete in all respects and with all the said documents, the payment in respect of the same shall be made within 21 days of such receipt of a complete invoice as per the following terms of payment:

- (i) 100% of monthly RA bill along with 100% taxes shall be released against the work executed duly certified by GIPCL Income Tax (IT) will be deducted at source from monthly RA bills as per the rules in force.
- (ii) Service tax shall be paid along with bills after fulfillment of following terms.
 - (a) Submission of copy of registration certificate issued by Service Tax Authority (to be furnished only once).
 - (b) Citing the service Tax Registration no. And the date of issue of registration certificate on invoices.
 - (c) Claim of Service Tax amount with percentage (%) separately shown on the invoices.
 - (d) The contractor shall be required to submit the proof of payment of service tax of previous month/quarter, as may be applicable as & when demanded by GIPCL/Owner/company.
 - (e) The Bidder shall inform the Owner in the event of its registration certificate is cancelled or discontinued for whatsoever reason.
- (iii) At the time of submission of the first monthly RA Bill, the Contractor shall submit a certificate from Engineer-in-charge regarding availability of tools & tackles, equipments, vehicles etc at site. The Contractor shall also furnish the checklist as per **ANNEXURE-D** enclosed with the Section-F of tender document along with the RA bill of respective month.
- (iv) The contractor along with monthly RA Bill shall submit copy of P.F. Challan, Xerox copies of wages register of previous month, Xerox copies of attendance sheet of respective month & copy of ECR statement indicating the employee and employer's P.F contribution of previous month with respect of employees employed by him for the contract at GIPCL site.
- (v) The Contractor shall submit his Final Bill within a period of three months of the expiration or earlier termination of the contract or any extensions that may be granted by GIPCL to the Contractor. GIPCL shall not entertain any bill for any work item after expiration of period of three months.
- (vi) The Contractor shall include all his claims in the Final Bill submitted by him and accordingly the final bill submitted by the Contractor shall be deemed to be inclusive of all and whatsoever the claims that the Contractor may have from GIPCL. The Contractor shall not be entitled to claim any amounts which are not mentioned in the Final Bill and the Contractor shall be deemed to have waived any claims not mentioned in the Final Bill and



shall not be entitled to recover the same from GIPCL subsequent to the submission of the Final Bill on any account and GIPCL shall stand absolved of all its liabilities in respect of any such claims not raised by the Contractor in his Final Bill.

B. Validity and Uniformity of Rates

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

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 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

- 1.1 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.
- 1.2 The work to be performed being of a specialized nature, the contractor should be fully conversant with modern practices and should be able to carry out handling and maintenance works independently of large thermal power plant. The contractor shall therefore be required to engage qualified/ experienced personnel to undertake the work specifications specified in tender.
- 1.3 Inspection of work will be done by Engineer in Charge or his authorized representative. If the work is not found satisfactory engineer in charge reserves the right to take suitable action.



8. 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

Annexure -A) HANDLING & MECHANICAL MAINTENANCE

PRICE SCHEDULE FOR HANDLING ANNEXURE A - 1					
Sr. No.	Item	QTY for two years	Unit	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	COORDINATOR/SUPERVISOR (ILHS -OPERATION) QTY / DAY -3	2190	No	723.4	1584246
2	COORDINATOR/SUPERVISOR (ELHS -OPERATION) QTY / DAY -3	2190	No	723.4	1584246
3	COORDINATOR/SUPERVISOR (LSHS -OPERATION & MAINTENANCE) QTY / DAY -3	2190	No	723.4	1584246
4	SKILLER OPERATOR(ELECT.) QTY / DAY -12	8760	No	571.3	5004588
5	SKILLER OPERATOR(ELECT MCC.) QTY / DAY -6	4380	No	571.3	2502294
6	SKILLER OPERATOR(MECH.)FOR MILL QTY / DAY -3	2190	No	571.3	1251147
7	SEMI SKILLED OPERATOR QTY / DAY - 58	42340	No	559.65	23695581
TOTAL in Rs.					37206348

Contractor shall ensure that each Location operator shall look after the area fixed by Engineer I/C. Total no. of manpower requirement for Handling may vary as per discretion of Engineer I/C. Payment will be made based on deployment of manpower as per directive of Engineer I/C.

PRICE SCHEDULE FOR PREVENTIVE MAINTENANCE ANNEXURE A - 2					
Sr. No.	Item	QTY for two years	Unit	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	FEEDER BREAKER/APRON FEEDER INCLUDING HYD. SYSTEM	48	NOS.	2942	141216
2	STACKER RECLAIMER / BUCKET WHEEL RECLAIMER INCLUDING HYD. SYSTEM	72	NOS.	4400	316800
3	CONVEYOR-LT DRIVE	112	NOS.	2942.2	329526.4



4	CONVEYOR-HT DRIVE	152	NOS.	3469.3	527333.6
5	BELT FEEDER / SHUTTLE FEEDER/ WEIGHFEEDER	160	NOS.	2415.1	386416
6	GEASING OF BEARING / COUPLING	8500	NOS.	266.5	2265250
7	PRIMARY CRUSHER	36	NOS.	2415.1	86943.6
8	SECONDARY CRUSHER	192	NOS.	2942.2	564902.4
9	VIBRATING SCREEN	48	NOS.	2142.9	102859.2
10	VIBRATING FEEDER	24	NOS.	1727.7	41464.8
11	ECCENTRIC DISC SCREEN	12	NOS.	2415.1	28981.2
12	AUXILIARIES OF DRY FOG SYSTEM- COMPRESSORS+ PUMP- INCLUDING FILTER CLEANING.-Krupp	12	SET	2142.9	25714.8
13	AUXILIARIES OF DRY FOG SYSTEM- COMPRESSORS+ PUMP- INCLUDING FILTER CLEANING.-Elecon	12	SET	2142.9	25714.8
14	AUXILIARIES OF DRY FOG SYSTEM- COMPRESSORS+ PUMP- INCLUDING FILTER CLEANING.-FLSmith	12	SET	2142.9	25714.8
15	RACK & PINION GATE	38	NOS.	1727.7	65652.6
16	FLAP GATE	24	NOS.	1727.7	41464.8
17	HOT VULCANIZING MACHINE	4	NOS.	1593	6372
18	SPOT REPAIR / RIP REPAIR MACHINE	4	NOS.	1593	6372
19	Magnetic separator (As and when required)	10	NOS.	1593	15930
20	Travelling tipper	24	NOS.	2254.8	54115.2
21	PLOUGH DIVERTER	48	NOS.	1593	76464
22	MILL COMPRESSOR WITH MVS' DRIER & AFTER COOLER	96	NO.	2415.1	231849.6
23	BALL MILL WITH DRYING CHAMBER	96	NO.	2415.1	231849.6
24	TABLE FEEDER	32	NO.	1203.2	38502.4
25	MAIN BAGFILTER WITH VENT FILTER	16	NO.	2415.1	38641.6
26	HAG SYSTEM	96	NO.	2819.3	270652.8
27	COOLING TOWER & FAN	24	NO.	2019.8	48475.2
28	VIBRATING FEEDER WITH SURGE HOPPER-LS	32	NO.	1203.2	38502.4
29	SCREW CONVEYORS (01QTY =03Nos)	48	NO.	1203.2	57753.6
30	ROTARY AIR LOCK FEEDER(01QTY=02Nos)	36	NO.	1203.2	43315.2
31	CYCLONE WITH GRIT SEPARATOR	16	NO.	2415.1	38641.6
32	K-PUMP	48	NO.	1203.2	57753.6
33	CONVEYING LINE VALVES GROUP -1 TOTAL -26 NOS[C1-8, & SKV 1-10, DVD 1-8]	24	NO.	2154	51696
34	INSTRUMENT AIR COMPRESSOR WITH DELAIR DRIER & AFTER COOLER.	48	NO.	2415.1	115924.8
35	CONVEYING AIR COMPRESSORS.	192	NO.	2415.1	463699.2
36	VENT FILTER AT BOILER AREA (01QTY=02Nos)	16	NO.	2415.1	38641.6
37	ID FAN	48	NO.	1203.2	57753.6
38	COOLING WATER PUMP.	24	NO.	1203.2	28876.8
39	VENTILLATION SYSTEM AT BCNLS:1 TUNNEL.	6	NO.	1203.2	7219.2



40	CONVEYING LINE VALVES GROUP -2 TOTAL - 21 NOS [S11,S12,S21,S22,S31,S32,S41,S42,S51,S52,S61,S62, SKV 11-13, DVD 9-14]	24	NO	1346.3	32311.2
41	ROTARY AIR LOCK FEEDER-D(01QTY=05Nos)	12	NO	2020.8	24249.6
TOTAL in Rs.					7051517.8

PRICE SCHEDULE FOR PREDECTIVE MAINTENANCE ANNEXURE A - 3					
Sr. No.	Item	QTY for two years	Unit	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	COMPLETE SET OF CHAIN AND FLIGHT BAR REPLACEMENT	1	NOS.	38165.7	38165.7
2	REPLACEMENT OF PICK.	76	NOS.	242	18392
3	FLIGHT BAR REPLACEMENT	16	NOS.	2424.3	38788.8
4	REPLACEMENT OF SPROCKET OF F/B	1	NOS.	44109.3	44109.3
5	REPLACEMENT OF PICK HOLDER WITH PICK AFTER HARD FACING THE SAME	100	NOS.	2196.9	219690
6	CHAIN LENGTH SHORTENING (ONE SET CONSISTS OF ALL 4 CHAINS)	6	SETS	3684.6	22107.6
7	CHAIN TAKE-UP TIGHTENING WITH HYDRAULIC JACK & PIPE WRENCH	16	NOS.	2424.3	38788.8
8	FLIGHT BAR HOLDING PLATE REPLACEMENT	26	NOS.	1212.1	31514.6
9	OIL SEAL REPLACEMENT OF SHAFT MOUNTED FLUID COUPLING ON SITE	1	NOS.	11053.8	11053.8
10	ALIGNMENT OF DRIVE (NO. OF COUPLE)	96	NOS.	7369.2	707443.2
11	THRUSTER BREAK REPLACEMENT.	6	NOS.	2424.3	14545.8
12	BEARING CLEARANCE CHECKING BEARINGS FOLLOWED WITH GEARSE REPLACEMENT.	200	NOS.	242	48400
13	SLEW BEARING GREASING MANUALLY (AT ALL THE 48 POINTS)	16	NOS.	1219.3	19508.8
14	ALL HAMMER REPLACEMENT / REVERSAL FOR PHASE-I SECONDARY CRUSHER	14	SET	29476.7	412673.8
15	ALL HAMMER -ARM SET REPLACEMENT FOR ELHS/LIMESTONE CRUSHER.	6	SET	44215	265290
16	HAMMER CRUSHER. V- BELT REPLACEMENT	26	SET	5846.4	152006.4
17	PRIMARY CRUSHER. V- BELT REPLACEMENT	12	SET	2923.2	35078.4
18	SPIKE BUILT UP/ HARD FACING FOR PRIMARY CRUSHER	25	NOS	2923.2	73080



19	V-BELT REPLACEMENT OF COMPRESSOR/BLOWER/FAN	12	SET	1446.7	17360.4
20	OIL REPLACEMENT UP TO 15 LTRS	500	NOS.	720.56	360280
21	OIL REPLACEMENT UP TO 50 LTRS INCLUDING FUSIBLE PLUG/OIL LEVEL GAUGE REPLACEMENT	250	NOS.	1434	358500
22	OIL REPLACEMENT MORE THAN 50 LTRS INCLUDING FUSIBLE PLUG/ OIL LEVEL GAUGE REPLACEMENT	100	NOS.	1916	191600
23	PAN REPLACEMENT OF APRON FEEDER	4	NOS.	2958.2	11832.8
24	CHAIN LINK AND PIN REPLACEMENT OF APRON FEEDER	4	NOS.	5916.5	23666
25	REPLACEMENT OF DECK ROLLER FOR A/F	30	NOS	2452.2	73566
26	REPLACEMENT OF HYD.MOTOR	1	NOS.	11833	11833
27	REPLACEMENT OF IDLER ROLLER (CARRYING / RETURN)	4000	NOS.	180.8	723200
28	REPLACEMENT OF IDLER FRAME WITH ROLLER(CARRYING / RETURN)	300	SET	730.8	219240
29	REPLACEMENT OF IDLER FRAME WITH ROLLER(IMPACT)	96	SET	1461.6	140313.6
30	PREPARATION OF GARLAND ASSEMBLY (CARRYING / RETURN)	500	SET	484	242000
31	ERECTION OF PREFACRICATED CANOPY FOR CONVEYOR	200	MTR	219.8	43960
32	REPLACEMENT OF GARLAND ASSEMBLY (CARRYING / RETURN)	1000	SET	378.3	378300
33	PROVIDING BELT FASTENER IN THE CONVEYOR BELT AFTER LONGITUDINAL CUT	4000	NOS.	73.1	292400
34	SKIRT RUBER ADJUSTMENT	1200	MTRS	482.2	578640
35	SKIRT RUBBER REPLACEMENT WITH MOUNTING PLATE/ FIXING BOLTS FOLLOWED WITH RUBBER SHEET AT BOTTOM AND PLATE WASHER.	800	MTRS	1212.1	969680
36	REPLACEMENT OF BUCKET	8	NOS.	2923.2	23385.6
37	REPLACEMENT OF FEED TABLE FRAME ALONG WITH ROLLERS.	8	NOS.	1461.6	11692.8
38	NYLON-NYLON BELT LAYING AFTER REMOVAL OF OLD BELT FROM STRUCTURE & PROPERLY STORED. <50	18	No.	43759.1	787663.8
39	NYLON-NYLON BELT LAYING AFTER REMOVAL OF OLD BELT FROM STRUCTURE & PROPERLY STORED. FOR EVERY MTR AFTER 50	5000	MTRS	87.5	437500
40	NYLON-NYLON BELT JOINING INSITU	72	NOS.	21879.5	1575324



41	PULLING & POSITIONING NYLON-NYLON BELT ENDS SEPARATED AFTER FAILURE OF JOINT OR SOME OTHER REASONS	12	NOS.	43759.1	525109.2
42	NYLON-NYLON BELTJOINING AT GROUND	16	NOS	11692.9	187086.4
43	NYLON-NYLON BELT (BELT FEEDERS) LAYING AFTER REMOVAL OF OLD BELT FROM STRCTURE AND COLD JOINT	12	NOS.	25546.9	306562.8
44	NYLON-NYLON BELT (BELT FEEDERS) LAYING AFTER REMOVAL OF OLD BELT FROM STRCTURE.	24	NOS.	32846	788304
45	STEEL CORD BELT LAYING AFTER REMOVAL OF OLD BELT FROM STRUCTURE & PROPERLY STORED	12	No.	52510.9	630130.8
46	STEEL CORD BELT LAYING AFTER REMOVAL OF OLD BELT FROM STRUCTURE & PROPERLY STORED	2500	MTRS	87.5	218750
47	STEEL CORD BELTJOINING INSITU	24	NOS.	35007.2	840172.8
48	PULLING & POSITIONING STEEL-CORD BELT ENDS SEPARATED AFTER FAILURE OF JOINT OR SOME OTHER REASONS	2	NOS.	52510.9	105021.8
49	STEEL CORD BELTJOINING AT GROUND	12	NOS.	17539.3	210471.6
50	HOT REPAIR OF CONVEYOR INCLUDING MACHINE SHIFTING(HEATER PLATE OF EITHER 500 OR 1500 MM SIZE)	150	CIRCUMFER ENCE IN MTR	5846.4	876960
51	HOT REPAIR OF CONVEYOR INCLUDING MACHINE, INSTALLATION, REMOVAL & SHIFTING (BY VULCNISING M/C)	10	No.	13127.7	131277
52	COLD PATCH OF SMALL CUTS AFTER PROPER SPLICING,JOINT REPAIR,TOP AND BOTTOM COVER ON LONGITUDINAL CUTS < 1 MTR PERIPHERY & ADDITIONAL QTY 1 NO. FOR EVERY 1 MTR CIRCUMFERENCE	600	No.	484	290400
53	PREPARATION & STORAGE OF BELT FOR LIMESTONE FROM OLD BLET	1000	MTRS	484	484000
54	COUPLE & DECOUPLE OF DRIVES	50	NOS.	242	12100
55	REPLACEMENT OF RESILENT MEMBER OF COUPLING (INCLUDE COUPLE & DECOUPLE, FILL GREASE / OIL IF REQUIRED)	50	SET	484	24200
56	REPLACEMENT OF COUPLING HUB (WITH PULLER/ JACK / JUGGAD) < 20 KW	30	NOS.	1946.1	58383



57	REPLACEMENT OF COUPLING HUB (WITH PULLER/ JACK / JUGGAD) > 20 KW	30	NOS.	1446.7	43401
58	REVIVAL OF SCOOP TYPE FLUID COUPLING	2	NOS.	13421.3	26842.6
59	REVIVAL OF GEAR BOX LT DRIVE	4	NOS.	7784.5	31138
60	REVIVAL OF GEAR BOX HT DRIVE	2	NOS.	11676.8	23353.6
61	REVIVAL OF CHAIN-PULLEY BLOCKS	2	NOS.	1946.1	3892.2
62	BELT SCRAPER REVIVAL, FIXING & ALIGNMENT AT LOCATION (READY MAKE)	36	NOS.	5846.4	210470.4
63	BELT SCRAPER FABRICATION, FIXING & ALIGNMENT AT LOCATION (FABRICATED)	36	NOS.	8769.6	315705.6
64	PLOUGH - PU STRIP REPLACEMENT/ADJUSTMENT	32	NOS.	1446.7	46294.4
65	SCREEN-V-BELT REPLACEMENT	4	SET	3849	15396
66	MILL GRINDING BALL CHARGING. (FOR DETAIL SCOPE REFER ANNUEXURE H)	100	MT	4589.8	458980
67	MILL LINER BOLT REPLACEMENT WORK	100	NOS.	1946.1	194610
68	MILL LINER BOLT TIGHTENING	300	NOS.	96.8	29040
69	MILL BRG LUB SYSTEM CLEANING AND OIL REPLACEMENT WORK	14	NOS.	1936.1	27105.4
70	LIME STONE AND ELHS CRUSHER'S DOOR OPENING PLUS CLOSING FOR INSPECTION	32	NOS.	1946.1	62275.2
71	FLAP GATE: WELDING OF FLAP AFTER PROPER POSITIONING ON SHAFT	4	NOS.	3702.4	14809.6
72	DUST SEALING OF LS VIBRATING SCREEN WITH CANVAS CLOTH OR FILTER CLOTH	100	MTR	968	96800
73	REPLACEMENT OF PUNCHED DECK PLATE WITH HOLDING DEVICE	20	NOS.	2435.5	48710
74	REPLACEMENT/CLEANING OF BAG FILTER VNT FILTER BAGS WITH OR WITH-OUT CAGES. (LESS QUANTITY AS AND WHEN REQ)	35	NOS.	723.3	25315.5
75	REPLACEMENT/CLEANING OF BAG FILTER BAGS WITH OR WITH-OUT CAGES. (TOTAL QUANTITY INSTALLED IN B/F) DURING O/H OF BAG FILTER	4000	NOS	48.4	193600
76	O/H OF COOLING TOWER	2	NOS.	8857.5	17715
77	O/H OF COOLING WATER PUMP	2	NOS.	2958.2	5916.4
78	O/H OF CONVEY AIR COMPRESSOR WITH AFTER COOLER	16	NOS.	18422.9	294766.4
79	O/H OF MILL COMPRESSOR	20	NOS.	2958.2	59164



80	O/H OF INST.AIR COMPRESSOR WITH AFTER COOLER / DSS COMPRESSOR	6	NOS.	2958.2	17749.2
81	O/H OF AIR DRYER	4	NOS.	2958.2	11832.8
82	SERVICING OF REGISTER BURNER OF HAG	8	NOS.	1946.1	15568.8
83	REPAIRING OF COLD JOINT	16	NOS.	973.1	15569.6
84	SERVICING/REPLACEMENT OFVLVS-C.A.C- & IAC	200	NOS.	244.5	48900
85	SERVICING/REPLACEMENT OFVLVS-MILL COMP	30	NOS.	244.5	7335
86	SERVICING OR REPLACEMENT OF NRV	30	NOS.	244.5	7335
87	CLEANING AND TUBE LEAKAGE ATTENDING WORK ON AFTER COOLER/ AFTER COOLER REPLACEMENT	8	NOS.	2958.2	23665.6
88	OIL SEAL REPLACEMENT WORK COMPRESSOR	10	NOS.	5916.5	59165
89	WATER JACKET CLEANING WORK	16	NOS.	2958.2	47331.2
90	COMPRESSOR: BELT RESETTING WORK FOLLOWED WITH LINE DORI ALIGNMENT	8	NOS.	1467.5	11740
91	O -RING OR GASKET REPLACEMENT WORK	30	NOS.	733.7	22011
92	COOLING TOWER: CLEANING OF WATER BASIN AND SPRINKLER PIPE AND ELIMINATOR ADJUSTMENT	2	NOS.	4904.4	9808.8
93	SERVICING & INTERNAL JACKET CLEANING OF 'K'-PUMP WITH DOME VALVE LUBRICATION	12	NOS.	3947.1	47365.2
94	SERVICING / OH OF DOME VALVE.300NB,250NB,200NB	50	NOS.	3947.1	197355
95	K-PUMP: REPLACEMENT &SERVICING OF 100NB SIZE, DV;4 OR 5 OR SEAL REPLACEMENT	20	NOS.	1467.5	29350
96	K-PUMP: REPLACEMENT OF CONE VALVE	12	NOS.	195.6	2347.2
97	SEAL REPLACEMENT OF 300NB,250NB,200NB	50	NOS.	1946.1	97305
98	REPLACEMENT OF 300NB,250NB,200NB DOME VLVS	50	NOS.	1946.1	97305
99	REPLACEMENT /SERVICING OF 300 NB SIZE SWITCH OVER VALVE OR ITS SEAL REPLACEMENT AT BUNKER	5	NOS.	5916.5	29582.5
100	REPLACEMENT /SERVICING OF 300 NB SIZE SKV VALVE OR ITS SEAT REPLACEMENT AT BUNKER	5	NOS.	5916.5	29582.5
101	CONVEY LINE CHOKE UP REMOVAL WORK AFTER OPENING OF CONVEY LINES	20	NOS.	8769.6	175392



102	REPLACMENT / SERVICING OF OIL LUB. PUMP	24	NOS.	978.1	23474.4
103	MILL'S GIRTH GEAR SEAL REPLACEMENT	3	NOS.	3872.1	11616.3
104	SERVICING/ REPLACMENT OF LRS DRIVE ARRENGMENT	6	NOS.	1467.5	8805
105	GIRTH GEAR & PINION ROOT CLEARANCE AND BACKLASH CHECKING WORK	8	NOS.	1946.1	15568.8
106	GIRTH GEAR & PINION ROOT CLEARANCE & BACKLASH ADJUSTMENT FOLLOWED WITH ALIGNMENT OF DRIVES	2	NOS.	30930.7	61861.4
107	BAG FILTER/VENT FILTER HOSE PIPE REPLACEMENT WORK	100	NO	242	24200
108	SCREW CONV: JAMMING REMOVAL WORK	10	NOS.	2941	29410
109	SCREW CONV/ RAL: REPLACMENT OF BEARING WITH ALIGNMENT	10	NOS.	2958.2	29582
110	REPLACMENT OF GEARED MOTOR FOLLOWED WITH ALIGNMENT	8	NOS.	3702.4	29619.2
111	REMOVAL & FIXING OF SMALL(LESS THEN 10 KW) MOTOR FOR ELECTRICAL MINTENACE / CHECKING	40	NOS.	978.1	39124
112	REPLACEMENT/SERVICING OF HFO PUMP.	12	NOS.	2231.9	26782.8
113	HAG: OIL SEAL REPLACMENT OF HFO PUMP	12	NOS.	978.1	11737.2
114	HAG:SERVICING OF DA FAN DAMPER	8	NOS.	2958.2	23665.6
115	HAG: SERVICING OF DA FAN WITH DAMPER	8	NOS.	5916.5	47332
116	SERVICING OF CA FAN OR VENT FAN ON PRODUCT HOPPER	8	NOS.	2958.2	23665.6
117	HOT AIT GENERATOR: FLUSHING OF SYSTEM LINES (OIL,AIR,LPG)	8	NOS.	978.1	7824.8
118	CLEANING OR REPLACMENT OF OIL/AIR FILTER	200	NOS.	244.5	48900
119	CLEANING OF DAY OIL TANK WITH REPLACMNET OF WIRE	4	NOS.	2196.9	8787.6
120	HAG: PRV /OIL FLOW CONTROL VLV SERVICING OR REPLACMENT	8	NOS.	1505.5	12044
121	REPLACMENT /REPAIRING OF VIBRO FEEDER WITH OR WITHOUT ATTENDIND CRACK ON TUBULER.	4	NOS.	7369.2	29476.8
122	SERVICING OF CA FAN DAMPER	8	NOS.	2958.2	23665.6
123	RAL FDR :JAMMING REMOVAL WORK	20	NOS.	1446.7	28934
124	SERVICING OR BOTH BEARING REPLACMENT OF ID FAN INCLUDING DRIVE ALIGNMENT	2	NOS.	8874.7	17749.4



125	BALL MILL : JAMMING REMOVAL FROM INLET FEED CHUTE	26	NOS.	1936.1	50338.6
126	BALL MILL : JAMMING REMOVAL FROM OUTLET CHUTE	26	NOS.	3872.1	100674.6
127	Replacement of Fusible Plug	24	Nos.	200	4800
128	Replacement of Sump Pump/Submersible pump	16	Nos.	1600	25600
129	Overhauling of Sump Pump/Submersible pump	10	Nos.	2500	25000
130	SERVICING OF ELECTRIC HOIST & WINCH MACHINE	120	NOS.	1727.7	207324
TOTAL in Rs.					19597965.8

PRICE SCHEDULE FOR BREAKDOWN MAINTENANCE ANNEXURE A - 4					
Sr. No.	Item	QTY for two years	Unit	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	REPLACEMENT OF GEAR BOX LT/HT	2	NOS.	4969.6	9939.2
2	WEDGE FITTING IN BUCKETS.	24	NOS.	245.4	5889.6
3	SLEWING G/B ,TOP BEVEL G/B SERVICING	6	NOS.	1972.8	11836.8
4	CLUTCH CHANGING OF SLEW DRIVE.	4	NOS.	5993.8	23975.2
5	SHIFTING OF BOOM CONVEYOR TAIL PULLEY AT ALTERNATE BASE WITHIN 500MM FROM ORIGINAL BASE	4	NOS.	3095.6	12382.4
6	SHRINC DISC TIGHTENING	2	NOS.	1466.9	2933.8
7	REMOVAL, REPAIRING , INSTALLATION OF IMAPCT PADS.	8	MTR length of belt	7465.9	59727.2
8	GEAR BOX BEARING REPLACEMENT / GEAR REPLACEMENT (ONSITE BY OPENING TOP COVER)	10	NOS.	11198.8	111988
9	REPLACEMENT OF PULLEY ALONG WITH BEARING AND PLUMMER BLOCK AND LEVELLING & FREENESS INCLUDING TAKE UP LIFTING(UP TO SHAFT DIA 100 MM AT BEARING)	12	NOS.	11198.8	134385.6
10	REPLACEMENT OF HEAD PULLEY ALONG WITH BEARING AND PLUMMER BLOCK AND LEVELLING & FREENESS INCLUDING TAKE UP LIFTING EXCLUDING DRIVE ALIGNMENT.	2	NOS.	22397.7	44795.4



11	REPLACEMENT OF PULLEY ALONG WITH BEARING AND PLUMMER BLOCK AND LEVELLING & FREENESS INCLUDING TAKE UP LIFTING (SHAFT DIA MORE THAN 100 MM AT BEARING)	12	NOS.	11198.8	134385.6
12	REPLACEMENT OF BEARING/PLUMMER BLOCK (UPTO BEARING I.D 100MM)	24	NOS.	2484.8	59635.2
13	REPLACEMENT OF BEARING / PLUMMER BLOCK (BEARING I.D MORE THAN 100MM)	48	NOS.	2484.8	119270.4
14	SCRAPER ADJUSTMENT	118	NOS.	981.4	115805.2
15	MAIN SHAFT BEARING CHANGING OF SCREEN	1	NOS.	24582.2	24582.2
16	V-BELT PULLEY CHANGING / OR CORDON SHAFT CHANAGING (ANY EQUIPMENT)	12	NOS.	2457.3	29487.6
17	RUBBER BELLOW / PAD /SPRING CHANGING OF SCREEN/ VIBRO FEEDER	16	NOS.	1846.5	29544
18	Replacment of holding device of screen	30	No	3750.9	112527
19	EDS SIDE PLATE REMOVAL & LONGITUDINAL GEAR BOX TOP COVER REMOVAL & RE-FITTING	6	NOS	7465.9	44795.4
20	ROLL SHAFT PINION / BEARING REPLACEMENT	4	NOS.	4969.6	19878.4
21	COMPLETE ROLL SHAFT ASSEMBLY REPAIRING / REPLACEMENT	2	NOS.	4969.6	9939.2
22	LINER PLATE WELDING(SS/TISCRA/WEAR RESIST) AFTER FIXING LINER	22	SQUARE METER	5857.1	128856.2
23	REPLACEMENT OF PIPE AND ITS ACCESSORIES.	500	INCH-MTR	981.4	490700
24	MISC. STRUCTURE FABRICATION & REPLACEMENT WORKALONG WITH OLD STRUCTURE REMOVAL	92	MT	18696.52	1720079.84
25	HAND RAILING FABRICATION & REPLACEMENT	500	INCH-MTR PANEL	366.7	183350
26	WELDING UP TO 5 MM TK(IN SITU)	210	MTR	245.4	51534
27	WELDING MORE THAN 5 MM TK (IN SITU)	840	MTR	245.4	206136
28	GAS CUTTING UP TO 5 MM TK (IN SITU)	100	MTR	147.2	14720
29	GAS CUTTING MORE THAN 5 MM TK (IN SITU)	460	MTR	196.3	90298
30	REPLACEMENT OF INSPECTION DOOR ON CONVEYOR CHUTES	20	NOS.	2457.3	49146



31	DRIVE GUARD FABRICATION AND REPLACEMENT - COUPLING SIZE MORE THAN 250 MM DIA.	12	NO	1972.8	23673.6
32	DRIVE GUARD FABRICATION AND REPLACEMENT - COUPLING SIZE UPTO 250 MM DIA.	12	NO.	2465.9	29590.8
33	REVIVAL OF ACTUATOR	2	NOS.	1972.8	3945.6
34	DUST SEALING WITH CANVAS CLOTH OR WITH THIN RUBBER SHEET.	400	SQ. MTR	147.2	58880
35	OIL SEAL CHANGING FOR GEAR BOX ON SITE (FOR LT DRIVE MOTOR) INCLUDING ALIGNMENT	2	NOS.	17806.5	35613
36	OIL SEAL CHANGING FOR GEAR BOX ON SITE(FOR HT DRIVE MOTOR) INCLUDING ALIGNMENT	2	NOS.	17806.5	35613
37	WELDING / RECTIFICATION / SEALING OF HOLES OR DAMAGED CHUTE BY PROVIDING SUITABLE SIZE MS PLATE IN SITU AT DIFFERENT LOCATIONS.	300	CIRCUMFERENCE IN MTR	2457.3	737190
38	REPLACEMENT OF HOLD BACK OF GEAR BOXES	4	NOS	1476.8	5907.2
39	TAKE UP LIFTING - BEARING CHECKING,BELT TRAINING, PULLEY LAGGING OR ANY OTHER WORK	40	NO	8868.5	354740
40	BELT TRAINING BY ADJUSTING GRAVITY TAKE UP/SCRE TAKE UP GUIDE WITHOUT TAKEUP LIFTING	1000	NO	244.5	244500
41	SPROCKET REPLACEMENT OF SFDS/PCRD /CCRD	8	NO	1952.4	15619.2
42	GEARBOX REPLACEMENT FOLLWED WITH ALIGNMENT FOR PCRD/CCRD	1	NO	1000	1000
43	DRIVE CHAIN REPLACEMENT OF CHAIN DRIVE	14	NO	1952.4	27333.6
44	PCRD/CCRD-REPLACEMENT OF C CLAMP,TRAP FOLLWED WITH TROLLEY SETTING	12	NO	2484.8	29817.6
45	CHECKING OF EQUIPMENT/SUB EQUIPMENT FOR INTERNAL DEFECT	1000	NO	245.4	245400
46	GAP ADJUSTEMENT BETWEEN HAMMER & BREAKER PLATE WITH HYDRAULIC JACK	26	NOS.	3095.6	80485.6
47	JACK SHAFT BEARING REPLACEMENT	16	NOS.	11198.8	179180.8
48	ROTOR BEARING REPLACEMENT OF CRUHSE	1	NOS.	44690	44690
49	SHEAR PIN CHANGING	4	NOS.	2484.8	9939.2



50	RESETTING OF TWISTED V-BELT SET FOLLOWED WITH TENSIONING & LINE DORI ALIGNMENT AND TIGHTENING	36	NOS.	3732.9	134384.4
51	REPLACEMENT OF CONSTANT FILLTYPE FLUID COUPLING FOLLOWED WITH ALIGNMENT (FOR LT DRIVE)	14	NOS.	17806.5	249291
52	REPLACEMENT OF FLUID COUPLING (FOR HT DRIVE,SCOOP TYPE) FOLLOWED WITH TWO ALIGNMENT.	14	NOS.	17806.5	249291
53	REPLACEMENT OF OIL COOLER	6	NOS.	6191.2	37147.2
54	REVIVAL OF CONSTANT FILLTYPE FLUID COUPLING .	2	NOS	5918.3	11836.6
55	PUMP OVERHAULING.	14	NO	7891	110474
56	WIRE ROPE SETTING ON DRUM	16	NO	1972.8	31564.8
57	BRAKE SHOE CHANGING AND ADJUSTMENT	14	NO	1466.9	20536.6
58	WIRE ROPE REPLACEMENT	750	MTR	98.1	73575
59	ACTUATOR REPLACEMENT WITH GEAR BOX	4	NO	2484.8	9939.2
60	FREENESS OF FLAP GATE MOVEMENT BY REPLACING BULGED LINER INSIDE THE CHUTE	6	NO	2980	17880
61	WELDING OF FLAP GATE BODY MAIN SHAFT ON SITE	2	NO	2471.5	4943
62	REGENERATION OF KEY WAY OF MAINSHAFT AND HUB	2	NO	2471.5	4943
63	HYD CYLINDER CHANGING PISTON DIA LESS THEN 50 MM	2	NO	2484.8	4969.6
64	FLEXIBLE HOSE CHANGING WORK	50	NO	490.7	24535
65	PIPELINE CHANGING AFTER FERROULING	110	MTR	617.9	67969
66	HYDRAULIC PIPE FITTING REPLAEMENT INCLUDING FERROUL/THREADING	28	NO	1235.7	34599.6
67	ILMS REPOSITIONING OR ROPE REPLACEMENT/ADJUSTMENT	4	NO	2352.3	9409.2
68	Hydraulic cylinder servicing work for piston dia less than 100 mm	20	No	3945.5	78910
69	PRE FABRICATED CHUTE REPLACEMENT UPTO 10 MTR HEIGHT	8	MT	18573.5	148588
70	PRE FABRICATED CHUTE REPLACEMENT MORE THAN 10 MTR HEIGHT	16	MT	24764.7	396235.2
71	PRE FABRICATED TAKE UP COUNTER WT BOX REPLACEMENT	4	NOS	44690	178760
72	TAKE UP GUIDE PIPE REPLACEMENT	100	M	2996.9	299690
73	REPLACEMENT OF TAKE UP 'C' FRAME (PRE FABRICATED)	4	SET	26814	107256



74	STRINGER FAB & REPLACEMENT OF BELT CONVEYOR	90.36	MTR	550	49698
75	TAIL FRAME REPLACEMENT OF CONVEYOR (PRE FABRICATED)	8	NO.	26814	214512
76	HEAD FRAME REPLACEMENT OF CONVEYOR(PRE FABRICATED)	2	NO.	44690	89380
77	TAIL FRAME REPLACEMENT OF FEEDER (PRE FABRICATED)	6	NO.	15871.3	95227.8
78	HEAD FRAME REPLACEMENT OF FEEDER (PRE FABRICATED)	6	NO.	26814	160884
79	MANUAL POSITION OF FLAP GATE/RP GATE BY CHAIN BLOCK	24	NO	1466.9	35205.6
80	REPLACEMENT OF PRE FABRICATED GRILL FOR PHASE-I	6	NO.	7313.6	43881.6
81	REPLACEMENT OF PRE FABRICATED GRILL FOR PHASE-II	12	NO.	4875.7	58508.4
82	REPLACEMENT OF PRE FABRICATED GRILL FOR APRON FEEDER/FEEDER BREAKER	10	MT	3214.7	32147
83	RECLAMATION OF OLD FLIGHT BAR	20	NO.	621.2	12424
84	RECLAIMING OF OLD HAMMERS OF ELHS CRUSHER	84	NO.	499.8	41983.2
85	OPENING OF OLD CHAIN CONNECTOR	8	NO.	499.8	3998.4
86	MANUAL POSITION OF SFD'S /RSBFDS BY MEANS OF CHAIN PULLEY BLOCK	12	NO.	1952.4	23428.8
87	CORD CUTTING BY GAS CUTTING	48	NO. OF INCIDENT	1972.8	94694.4
88	CORD CUTTING BY MEANS OF CORD CUTTER	100	NO. OF INCIDENT	493.2	49320
89	REPLACEMENT OF BREAKER ASSEMBLY OF SECONDARY CRUSHER	2	SET	44795.3	89590.6
90	LINER REPLACEMENT OF CONVEYOR CHUTE	24	M ²	3904.8	93715.2
91	LINER REPLACEMENT OF CRUSHER	24	M ²	3904.8	93715.2
92	HAMMER- ARM SET REPLACEMENT OF CRUSHER	24	NO	12382.3	297175.2
93	HAMMER HEAD REPLACEMENT OF CRUSHER	50	NO	6191.2	309560
94	HAMMER HEAD REMOVAL OF CRUSHER	12	NO	3720.5	44646
95	RAIL ALIGNMENT WORK INCLUDING PROVIDING SUPPORTS.	20	MTR	1972.8	39456
96	RE-TIGHTENING OF V BELT	24	NO	2484.8	59635.2
97	ADDING /REMOVAL OF WEIGHTS FROM TAKE UP	10	MT	2437.9	24379



98	SCOOP TUBE ASSEMBLY REPLACEMENT OF SCOOP COUPLING	4	NO	2484.8	9939.2
99	REPOSITIONING OF HOLLOW SHAFT GEAR BOX WITH ITS SHAFT	4	NO. OF INCIDENT	2484.8	9939.2
100	PRIMARY CRUSHER FLYWHEEL/ BUSH REPLACEMENT	2	NO	14931.8	29863.6
101	DQEV / LON CLEANING OF SCOOP COUPLING	10	SET	743.6	7436
102	ASSISTING WITH JOINTER FOR PULLEY LAGGING OF CONVEYOR	16	NO. OF PULLEY	4914.5	78632
103	REVIVAL OF ZSS/PULL CHORD OF CONVEYOR/FEEDER /CRUHSER OR ANY EQUIPMENT	24	NO.	1952.4	46857.6
104	TORQUE SETTING OF ANY CLUTCH/COUPLING/ACTUATOR	4	NO.	981.4	3925.6
105	REPLACEMENT OF LUB OIL PUMP OF SCOOP COUPLING OR ANY LUBRICATION SYSTEM	4	NO.	1952.4	7809.6
106	RESETTING OF TWISTED CHAIN OF FEEDER BREAKER	6	NO. OF INCIDENT	6191.2	37147.2
107	RERAILMENT OF TAKEUP TROLLEY	4	NO.	8868.5	35474
108	FREENESS OF TRAVEL WHEEL OF ANY TROLLEY/TIPPER	4	NO.	1972.8	7891.2
109	REPLACEMENT OF GUIDE ROLLER OF RPG	12	NO.	245.4	2944.8
110	PROVIDING OF NEW INSPECTION WINDOW IN ANY CHUTE	6	NO.	3904.8	23428.8
111	LS SCREEN: DECK PLATE SUPPORT STRUCURE REVIVAL WORK	10	NO	26921.4	269214
112	PRESSURE VESSELS: REPLACMENT /SERVICING OF SAFTEY VLV/HYDRO TESTING ASSISTANCE	10	NO	991.3	9913
113	COMPRESSOR: OIL SCRAPER RING REPLACEMENT	16	NO	2996.9	47950.4
114	CONVEY LINE VLVS: DOME VLV/ Knife gate Valve JAMMING REMOVAL WORK	20	NO	981.4	19628
115	CONVEY LINE CHANGE OVER WORK BY REMOVAL & PROVIDING OF DUMMEY AND DISTANCE PIECE	36	NO	981.4	35330.4
116	REPLACEMENT/SERVICING OF SPREY NOZZLE WITH LINE FLUSHING (DSS & FIRE SPRINKLER)	180	NO	490.7	88326
117	REPLACEMENT/SERVICING OF GREASE PUMP	1	NO	1972.8	1972.8
118	COOLING TOWER: FAN /BALDE REPLACEMENT & ALIGNMENT	4	NO	2962.1	11848.4



119	COOLING TOWER : WATER BASIN LEAKAGE ARRESTING WORK/WATER BASIN CLEANING WORK	8	NO	2996.9	23975.2
120	HAG: BUNDLE TUBE/JACKET REPLACEMENT WORK	4	NO	5993.8	23975.2
121	BAL MILL: REPLACEMENT OR ADJUSTMENT OF BALL MILL LINER TO ITS POSITION	10	NO	26921.4	269214
122	WATER PUMP: GLAND PACKING REPLACEMENT WORK	12	NO	1001.8	12021.6
123	SCAFFOLDING PROVIDING AND REMOVAL UP TO 15 MTR HIGHT	50	NO	7344.4	367220
124	SCAFFOLDING PROVIDING AND REMOVAL MORE THEN 15 MTR HIGHT	150	M3	1972.8	295920
125	ASSISTING FOR TROUBLING SHOOTING IN HYDRAULIC SYSTEM	8	NOS.	1000	8000
TOTAL in Rs.					12365333.44

PRICE SCHEDULE FOR UNFORESEEN WORK ANNEXURE A - 5					
Sr. No.	Item	QTY for two years	Unit	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	MANPOWER UNSKILLED	1000	NOS.	536.03	536030
2	MANPOWER SEMISKILLED	800	NOS.	547.91	438328
3	MANPOWER SKILLED	100	NOS.	559.16	55916
4	Mill Wright fitter	100	NOS.	680	68000
TOTAL in Rs.					1098274

ANNEXURE -B) HOUSEKEEPING OF ILHS-SOR

Lignite Handling, Limestone Handling, Mining and Conveying System for 4x125MW Power Plant

SCHEDULE-B1 (SHIFT WISE CLEANING)

Sr.No.	Detailed Description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Cleaning of Bunker Unit-1 & 2 side Grill Area & BCN-8A/B floor Receiving area along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ILHS	Daily	No	2190	432.8	947832
2	Cleaning of Bunker Unit-3 & 4 side Grill Area along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ILHS	Daily	No	2190	649.3	1421967
3	Cleaning of JNT-1 (BCN-7A/B/C/D tail end & BCN-6A/B Head end) along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ILHS	Daily	No	2190	432.8	947832
4	Cleaning of Old SCH (BCN-6A/B tail end,crusher floor & BCN-5A/B head end) along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ILHS	Daily	No	2190	432.8	947832
5	Cleaning of BCN-6A/B Gallary along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ILHS	Daily	No	2190	216.4	473916
TOTAL in Rs.						4739379

Schedule – B2 (Cleaning in General Shift)

Sr. No.	Detailed Description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	1) Unit 1 & 2 SFD floors including all equipments.	Daily	No	730	865.7	631961
2	BCN-8A/B floor & equipments,BCN-7A/B floor & equipments with Gallary & take- up	Daily	No	730	432.8	315944
3	3) Unit 3 & 4 bunker floors including all equipments with take-up area &	Daily	No	730	865.7	631961
4	JNT – 1 all floors & equipments.	Daily	No	730	865.7	631961
5	4) SCH all floors including BCN 5A/B head end, BCN 6A/B tail end.	Daily	No	730	1298.5	947905



6	6) BCN-6A/B Gallery from SCH building to JNT-1 ,Take-up & JNT-2	Daily	No	730	216.4	157972
7	1) BCN 5A/B Gallery and JNT 3, 4,5 including BCN-12 A1,A2/B1,B2 enclose portion, JNT 5 .	Daily	No	730	216.4	157972
8	2) BCN 4A/B Gallery & tunnel.	Daily	No	730	216.4	157972
9	3) JNT- 8, JNT 9, BCN 1A Gallery &	Daily	No	730	865.7	631961
10	BCN 2A yard portion, tunnel portion and tail end portion along with rail.	Daily	No	730	649.3	473989
11	5) JNT –10, 11 including BCN 2B gallery.	Daily	No	730	432.8	315944
12	6) BCN 2C yard portion & tail end portion along with rail	Daily	No	730	865.7	631961
13	7) Screen house extension including BCN 4A/B head end, 13 A/B drive end & BCN 13A/B gallery.	Daily	No	730	865.7	631961
14	8) S/R-I/P Machine	Daily	No	730	216.4	157972
15	9) BWR Machine	Daily	No	730	216.4	157972
16	10) Dry sweeping of MCCs, Compressor room-4 Nos, Control room-2 Nos, Work shop-1, Toilets / Bathroom - 8 Nos	Daily	No	730	432.8	315944
17	11) Up-keeping of LHS office.	Daily	No	730	432.8	315944
18	1) Mill – a (entire mill-a building area excluding ground floor)	Daily	No	730	432.8	315944
19	2) Mill – b (entire mill-b building area excluding ground floor)	Daily	No	730	432.8	315944
20	3) Mill – c (entire mill-c building area excluding ground floor)	Daily	No	730	432.8	315944
21	4) Mill – d(entire mill-d building area excluding ground floor)	Daily	No	730	432.8	315944
22	5) Mill a,b,c,d ground floor area, surrounding and connecting drains	Daily	No	730	432.8	315944
23	6) compressor house & its roof & accessories,lpg room, oil room	Daily	No	730	432.8	315944
24	1) BFD-LS1 & LS2, BCN-LS1 & tunnel area, sump pump & drain, gallery, stair case, ventilation room.	Daily	No	730	432.8	315944
25	2) Limestone crushers house all floors, and surrounding drains	Daily	No	730	865.7	631961
26	3) BCN-LS2 & Gallery & JNT-LS1.	Daily	No	730	432.8	315944
27	4) BCN-LS3, Gallery, Traveling tripper, and Limestone bunker floor with staircase of bunker floors.	Daily	No	730	432.8	315944
TOTAL in Rs.						10742753

SCHEDULE-B3 (WATER WASHING)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two	Unit SOR	Amount in Rs.
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Tender for “Biennale Rate Contract For Handling and Mechanical Maintenance and Housekeeping of Lignite Handling, Limestone Handling, Milling and conveying System for 4x125MW Power Plant”



				years	w/o service tax for first year in Rs.	
1	1) BCN 6A/B entire Gallery and JNT 2	Once in a week	No	104	216.4	22505.6
2	2) All Bunker floor of unit 1&2	Once in a week	No	104	216.4	22505.6
3	3) All Bunker floors of unit 3&4	Once in a week	No	104	216.4	22505.6
4	4) Secondary Crusher House	Once in a week	No	104	216.4	22505.6
5	5) JNT – 1 all floors including FGT and BCN-7A/B/C/D Gallery	Once in a week	No	104	216.4	22505.6
6	1) Bucket Wheel reclaimer	Once in a two week	No	52	216.4	11252.8
7	2) Stacker Reclaimer (in plant).	Once in a two week	No	52	216.4	11252.8
8	3) BCN 5A/B Gallery, tunnel	Once in a two week	No	52	216.4	11252.8
9	4) BCN 2A yard conveyor and tunnel	Once in a two week	No	52	86.6	4503.2
10	5) JNT –10, 11 including BCN 2B tunnel & gallery.	Once in a two week	No	52	86.6	4503.2
11	6) BCN 2C conveyor including yard portion	Once in a two week	No	52	86.6	4503.2
12	7) JNT- 8 & 9 and BCN 1A gallery.	Once in a two week	No	52	86.6	4503.2
13	8) Screen House A/B	Once in a two week	No	52	129.9	6754.8
14	9) BCN 11A/B Gallery & tunnel including 11A/B head end and JNT 6, 7 including 10A/B head end.	Once in a two week	No	52	43.3	2251.6
15	10) BCN 13A/B and BCN 4A/B Gallery & tunnel and JNT 3,4,5	Once in a two week	No	52	86.6	4503.2
TOTAL						177808.8

SCHEDULE-B4 (SPILLED LIGNITE & LIMESTONE TRANSPORTATION)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
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1	Loading, transporting and unloading of spilled lignite and lime stone from various locations of lignite and limestone system to stockpile by means of deploying tractors/Dumper and required manpower/JCB. While loading other than lignite and lime stone like steel scrap, rubber cut pieces etc to be segregate and shift to waste yard.	Daily through tractor	MT	10800	128.89	1392000
TOTAL in Rs.						1392000

SCHEDULE-B5 (Balance area cleaning)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Removing of Spider webs and cleaning of wall of all ILHS & Lime Stone system buildings.	Once in a Month	no	24	86.6	2078.4
2	Water washing of rubber mats placed in front & backside of HT & LT switch gear of all MCC's (including Machines) and putting back at its location.	Once in a Month	no	24	86.6	2078.4
3	Cleaning of all cable trenches.	Once in a Month	no	24	86.6	2078.4
4	Cleaning Transformer Yards	Once in a months	no	24	86.6	2078.4
5	Clearing of Vegetation in and around of BCN2C, 2A and all surrounding of all ILHS & LSMS system/ buildings.	Once in two months	no	12	86.6	1039.2
6	Periphery drains of secondary crusher house & JNT-1(twice in a month for SCH & JNT-1 each)	Twice in a month	no	96	86.6	8313.6
7	Periphery drains of screen house A/B	Twice in a year	no	4	86.6	346.4
8	Periphery drains of LHS office and junction tower,4,5,8,9,10,11.	once in a Month	no	24	86.6	2078.4
9	Swabbing of all floors of MCCs, Compressor rooms, Work shop	Twice in a week	no	208	86.6	18012.8
10	Periphery drains of LHS & LSMS control room	Twice in a month	no	48	86.6	4156.8



11	Dry cleaning of Screen houses A&B including ground floor	Once in a Month	no	24	86.6	2078.4
12	Cleaning of sump pump pits – 5 Nos (5 pits 4 times)	Once in three Months	no	40	86.6	3464
TOTAL in Rs.						47803.2

SCHEDULE-B6 (CHOCK-UP REMOVAL DURING MONSOON)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Unit 1 bunker grill & SFD 4A1 & B1	Daily in monsoon	No	580	440.8	255664
2	Unit 2 bunker grill & SFD 4A2 & B2	Daily in monsoon	No	580	440.8	255664
3	Unit 3 bunker grill & TT/PF of BCN 7C	Daily in monsoon	No	580	440.8	255664
4	Unit 4 bunker grill & TT/PF of BCN 7D	Daily in monsoon	No	580	440.8	255664
5	All receiving & discharge Chutes in JNT 1	Daily in monsoon	No	580	440.8	255664
6	All receiving & discharge Chutes of equipment in SCH	Daily in monsoon	No	580	440.8	255664
7	BCN 4A/B discharge & BCN 13A/B discharge chute	Daily in monsoon	No	580	440.8	255664
8	BWR & SR I/P– Centre chute & tripper discharge chute & discharge Chutes in JNT 8&9	Daily in monsoon	No	580	440.8	255664
TOTAL in Rs.						2045312

SCHEDULE-B7 ILHS (100 man days for unforeseen work)

Sr.No.	Detailed description	UoM	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Additional manpower as & when require basis	No	230	370	85100
TOTAL in Rs.					85100



ANNEXURE C) HOUSEKEEPING OF ELHS-SOR

SCHEDULE-C1 (SHIFT WISE CLEANING)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Feeder Breaker & tail end of BCN M1A.along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ELHS	Daily	No	2190	429.8	941262
2	Crusher cum screen house of expansion transfer & receiving area,head & tail pulley along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ELHS	Daily	No	2190	429.8	941262
3	S/R-Expansion and Rail Cleaning along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ELHS	Daily	No	2190	429.8	941262
4	OLD PCH transfer & receiving area,head & tail pulley along with chock-up removal,water washing,flap gate chock-up removal & other work required for smooth operational activity at any location of ELHS	Daily	No	2190	429.8	941262
TOTAL in Rs.						3765048

SCHEDULE - C2 (GENERAL SHIFT CLEANING)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	JNT-13 all floors & equipments	Daily	No	730	867.6	633348
2	A/F & BCN-M7 Tail end & all equipments	Daily	No	730	433.8	316674



3	JNT-12 & OLD PCH floors & equipments, structures including BCN-1A Tunnel portion and sump pump pit	Daily	No	730	1084.5	791685
4	New PCH all floors, BCN M7 Gallery & equipments.	Daily	No	730	867.6	633348
5	JNT-2A/2B all floors , gallery & equipments(Up to RPG floor)	Daily	No	730	867.6	633348
6	BCN M4 yard & gallery portion.	Daily	No	730	867.6	633348
7	BCN M5 Ground & gallery portion & NEW SCH floors & equipments,structures.	Daily	No	730	867.6	633348
8	BCN M1A Gallery portion and Yard Conveyor	Daily	No	730	867.6	633348
9	BCN M2A Gallery portion	Daily	No	730	433.8	316674
10	BCN M3A Gallery and enclosure portion	Daily	No	730	433.8	316674
11	Dry cleaning of all MCC rooms (New PCH, PCH, New SCH, F/B, Mines MCC, AWR), New PCH Compressor house	Daily	No	730	650.7	475011
12	Cleaning of toilet/ bathroom 4 no's	Daily	No	730	433.8	316674
13	S/R-O/P and Rail Cleaning	Daily	No	730	433.8	316674
TOTAL in Rs.						6650154

SCHEDULE-C3 (WATER WASHING)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	PCH, BCN-M3A & JNT 12	Once in a week	NO	104	216.9	22557.6
2	New PCH & gallery, tail end of BCN M7 & A/F Floor.	Once in a week	NO	104	216.9	22557.6
3	New SCH	Once in a week	NO	104	216.9	22557.6
4	M1A 20 Nos. Gallery	Once in a week	NO	104	216.9	22557.6
5	JNT 13 & M2A- 20 Nos Gallery	Once in a week	NO	104	86.8	9027.2
6	Stacker Reclaimer (out plant)	Once in a two week	NO	52	86.8	4513.6
7	Stacker Reclaimer (Expansion)	Once in a two week	NO	52	216.9	11278.8
8	BCN-M4 yard portion, tail end & Gallery	Once in a two week	NO	52	86.8	4513.6
9	JNT – 2A & 2B and Gallery of BCN M5 & M6	Once in a two week	NO	52	86.8	4513.6



TOTAL in Rs. 124077.2

SCHEDULE-C4 (SPILLED LIGNITE & LIMESTONE TRANSPORTATION)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Loading, transporting and unloading of spilled lignite and lime stone from various locations of lignite and limestone system to stockpile by means of deploying tractors/Dumper and required manpower/JCB. While loading other than lignite and lime stone like steel scrap, rubber cut pieces etc to be segregate and shift to waste yard.	Daily through tractor	MT	5940	128.89	765600
TOTAL in Rs.						765600

SCHEDULE-C5 (Balance area cleaning)

Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Removing of Spider webs and cleaning of wall of all ELHS buildings.	Once in a Month	no	24	86.8	2083.2
2	Water washing of rubber mats placed in front & backside of HT & LT switch gear of all ELHS MCC's and putting back at its location.	Once in a Month	no	24	86.8	2083.2
3	Cleaning of all cable trenches of ELHS.	Once in a Month	no	24	86.8	2083.2
4	Clearing of Vegetation in and around of all surrounding of all ELHS system/ buildings.	Once in two months	no	12	86.8	1041.6
5	All Periphery drains of ELHS system /buildings/ MCC	Once in a Month	no	24	86.8	2083.2
6	Swabbing of all floors of MCCs (6 Nos)	once in a week	no	208	86.8	18054.4
TOTAL in Rs.						27428.8



SCHEDULE-C6 (CHOCK-UP REMOVAL DURING MONSOON)						
Sr.No.	Detailed description	Frequency	UNIT	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	All receiving & discharge Chutes of equipment in New screen cum crusher house.	Daily in monsoon	No	580	433.8	251604
2	Stacker /bucket wheel reclaimer (Expansion)	Daily in monsoon	No	580	433.8	251604
3	All receiving & discharge Chutes of equipment in New PCH	Daily in monsoon	No	580	433.8	251604
4	All receiving & discharge Chutes of equipment in old PCH	Daily in monsoon	No	580	433.8	251604
5	BCN M1A Discharge and BCN M2A receiving at JNT-13& JNT-2A / 2B	Daily in monsoon	No	580	433.8	251604
TOTAL in Rs.						1258020

SCHEDULE-C7 (100 mandays / year for unforeseen work)					
Sr.No.	Detailed description	UoM	QTY for two years	Unit SOR w/o service tax for first year in Rs.	Amount in Rs.
1	Manpower for unforeseen work	No.	190	370	70300
TOTAL in Rs.					70300

Estimated Contract value for first year without service tax in Rs Lacs. = 546.05

Estimated Contract value for second year with 5% escalation without service tax in Rs lacs = 573.35

Estimated TOTAL contract value for two year without service tax in Rs Lacs= 1119.4



Note: The rates shall include all labour cost, equipments, supervision, consumables, tools, tackles, all taxes & duties (excluding service tax).

My rates are as under.

At estimated value

OR

_____ **%age above the estimated value**

OR

_____ **%age below the estimated value**



SECTION-F

LIST OF ANNEXURES & FORMS

Sr. No.	Annexure No.	Description
Mentioned above in SECTION-E	Annexure -A	Schedule of Rates-Price bid (A1,A2,A3,A4,A5)
	Annexure -B	Schedule of Rates(B1,B2,B3,B4,B5)
	Annexure -C	Schedule of Rates(C1,C2,C3,C4,C5)
1	Annexure -D	Checklist for passing the bill
2	Annexure -E	Performa of bank guarantee for order performance
3	Annexure -F	Performa of bank guarantee for EMD
4	Annexure-G	Performa Certificate-No Claim, No arbitration
5	Annexure -H	Maintenance job detail
6	Annexure -I	Standard job execution time for the major mechanical jobs
7	Annexure -J	List of tools and tackles & consumables
8	Annexure -K	Minimum qualification and experience of contractual employees
9	Annexure -L	Schedule of deviation from general and technical specifications
10	Annexure -M	Defect liability period
11	Annexure -N	Information containing details of proposal
12	Annexure- P	Declaration Cum Undertaking for safety laws and Regulations Compliance
13	Annexure-Q	Declaration for Contractual Disputes/ Litigations



1.0 ANNEXURE-D

CHECKLIST FOR PASSING THE BILLS

- For the month of :
- 1) Work Order / P.O. 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 Labor 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
P.F 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 Contractor
with official stamp



2.0 ANNEXURE-E

PROFORMA OF BANK GUARANTEE FOR ORDER PERFORMANCE (To be Stamped in accordance with Stamp Act)

Ref:

Bank Guarantee No.....

Date

Bank Guarantee Cover period from to

To

M/s. GUJARAT INDUSTRIES POWER COMPANY LTD.

At & Post Nani Naroli

Taluka Mangrol

Dist. Surat

Gujarat-394 110.

Dear Sir,

In consideration of the Gujarat Industries Power Company Limited (hereinafter referred to as the Purchaser which expression shall unless repugnant to the context/or meaning thereof include its successors, administrators, and assigns) having awarded to M/s.....having its Registered Office/Principal Office at (address)

(hereinafter referred to as the "CONTRACTOR" which expression shall unless repugnant to the context or meaning thereof include its successors, administrators, executors and assigns) a Order by issue of Purchaser's Letter of Intent No.....dated.....and same having been unequivocally accepted by the CONTRACTOR datedvalued atfor (scope of order)and the contractor having agreed to provide a Order Performance Guarantee for the faithful performance of the entire order including for the quality of the materials and/or workmanship, successful commissioning and satisfactory performance of the equipments/system and satisfactory services rendered during the guarantee/warrantee period of Months under the said LOI/Order equivalent to.....*..... (Percent) of the said value of the order to the purchaser

(Name & address of Bank)

having its Head Office at (hereinafter referred to as the "Bank" which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors, assigns) do hereby irrevocably guarantee and undertake to pay the Purchaser, on written demand any and all moneys payable by the CONTRACTOR to the extent of (in figures) (in words) as

aforesaid at any time up to (days/months/year) **..... without any demur, reservations, contest, recourse or protest and/or without any reference to the CONTRACTOR. Any such demand made by the Purchaser on the bank shall be conclusive and binding notwithstanding any difference between the Purchaser and CONTRACTOR of any dispute pending before any Court, Tribunal, Arbitrator or any other Authority.

....2



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

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

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

Dates this.....day of20.....
at

.....
Signature

Banker's rubber stamp:

Name
Designation with
Bank stamp:

Attorney as per power of
Attorney No.

Dated:



3.0 ANNEXURE-F

PROFORMA FOR BANK GUARANTEE FOR EMD

(To be stamped in accordance with Stamp Act)

Ref

Bank Guarantee No.....

Date

Guarantee cover period: FromTo

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

Dear Sirs,

In accordance with your “Invitation for Bids” under your Specification No.....Dated.....
M/s..... having its
Registered/Head office at.....
(Herein after called the Bidder) wish to participate in the said Bid for

As an irrevocable bank Guarantee against Bid guarantee for an amount of Rs..... valid for 180 days from is required to be submitted by the Bidder as a condition precedent for participation in the said Bid, which amount is liable to be forfeited on the happening of any contingencies mentioned in the Bid Documents.

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

Contd....2

(2)

This Guarantee shall be irrevocable and shall remain valid up to if any further extension of this



guarantee is required, the same shall be extended to such required period on receiving instructions from on whose behalf the guarantee is issued.

In witness there of Bank, through its authorized Officer, has set its hand and stamp on this day of20 at

.....
(Signature)

.....
(Name)

Designation with Bank

Stamp:

Attorney as per Power of
Attorney No.

Dated



4.0 ANNEXURE-G

PERFORMA CERTIFICATE

(No claim, No arbitration)

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

Dear Sir,

Subject:_____

Ref: Work Order No.:_____ **Dated**_____

We hereby confirm with free consent as under:-

1. The measurements certified in final bill is full and final. We accept all the certified measurements and no claim related to the measurement is left.
2. The payment certified in that or above referred Lol / contract is full and final. We accept this, and no claim related to payment is left.
3. The rates of the Lol / contract and its amendments are firm till completion of contract and extension period. We shall not claim any escalation against these rates.
4. Along with the contract referred, the ARBITRATION CLAUSE also perishes i.e. we will not resort to arbitration.
5. No extra items are left to be settled.
6. We do not have any claims against any item related to the 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.



ANNEXURE-H
MAINTENANCE JOB DETAIL

Item no: Feeder Breaker **PD01** - Activity includes 1) Shifting of material from warehouse to location 2) loosening of chain by take-up 3) removal of old flight bar and chain 4) fixing of new chain and flight bar 5) tightening of chain 6) trial run

Item no: Feeder Breaker **PD 4** - Activity includes 1) loosening of chain by take-up 2) free the sprocket from chain 3) removal of split sprocket 6) fixing of new sprocket 7) Alignment 9)tightening of chain 10) trial run

Item no: Feeder Breaker **PD06** - Activity includes 1) loosening of chain by take-up 3) removal of chain link-min 3nos (in odd no only) 4) fixing of chain link 5) tightening of chain 6) trial run

Item no: Drive (HT/LT) **PD10** – Activity includes 1) Decouple of coupling if require 2) Alignment of drive (by dial gauge /Laser kit) 3) Couple of coupling 4) Trial

Item no: Lime/ Lignite hammer Crusher **PD15 & PD16** - Activity includes 1) shifting of material from warehouse to location 2) weighment of each hammer OR hammer & arm and its record 3) preparation of balancing chart in coordination with GIPCL engineer 4)Arrangement of hammer OR hammer & arm set according to the balancing chart 5) Removal/ opening of side and front covers 6) removal of old hammers with shafts 7) fixing of new hammers / arms as per chart with new shaft if required 8) box up the crusher 9) gap adjustment 10) trial run

Item no: ‘V’ belt replacement **PD17 & PD18** - Activity includes 1) shifting of set of ‘V’ belt from warehouse to location 2) Removal of guard 3) Removal of old ‘V’ belt after loosening of drive table 4) fixing of new ‘V’ belt and tensioning up to recommended tension followed with line dori alignment of ‘V’ pulley 4) Drive table bolts tightening 5) Fixing of guard 6)Trial run

Item no: Lignite Primary Crusher **PD19** - Activity includes 1) Opening of crusher doors 2)spike build up by applying three types of welding rods / hard facing up to height as per template followed with manual rotation of crusher drum ensuring free rotation 3) closing of crusher doors 4) Trial run

Item no: Conveyor **PD40 & PD47** -Activity includes 1) Shifting and anchoring of winch machine 2) Lifting and locking of counter weigh box 3) pulling and positioning of belt for joint 4)inserting pulleys if required 5) removal of old belt 6) laying of new belt 7) clamping of belt, removal of frame, deck plate, seal plate, belt tensioning 8) assisting to jointer for belt joints 9)shifting of vulcanizing machine to and fro 10)removal of clamp 11) fixing of frame deck plate, seal plate 12)release of counter weight box 13) trial run 14)belt training 15)rolling and shifting of old belt. (Apply PD-41 & PD-48 for every meter after 50 mtr)

Item no: Conveyor **PD42 & PD49** - Activity includes 1) Lifting and locking of counter weigh box 2) pulling and positioning of belt for joint (shifting and anchoring of winch machine for belt pulling if required) 3) clamping of belt, removal of frame, deck plate, seal plate, belt tensioning 4) assisting to jointer for belt joints 5)shifting of vulcanizing machine to and fro 6)removal of clamp 7) fixing of frame deck plate, seal plate 8)release of counter weight box 9) trial run 10)belt training.



Item no: Conveyor **PD43 & PD50** - Activity includes 1) Shifting and anchoring of winch machine 2) Lifting and locking of counter weigh box 3) pulling of snapped belt and positioning for joint 4) clamping of belt, removal of frame, deck plate, seal plate, belt tensioning 4) assisting to jointer for belt joints 5) shifting of vulcanizing machine to and fro 6) removal of clamp 7) fixing of frame deck plate, seal plate 8) release of counter weight box 9) trial run 10) belt training

Item no: Conveyor **PD46** - Activity includes 1) Screw take up release 2) Removal of skirt board 3) clamping of belt, removal of frame, deck plate, seal plate, belt tensioning 4) assisting to jointer for belt joint (Hot) 5) shifting of vulcanizing machine to and fro 6) removal of clamp 7) fixing of skirt board, frame deck plate, seal plate 8) screw take up tightening 9) trial run 10) belt training

Item no: Conveyor **PD45** - Activity includes 1) Screw take up release 2) Removal of skirt board 3) clamping of belt, removal of frame, deck plate, seal plate, belt tensioning 4) assisting to jointer for belt joint (Cold) 5) removal of clamp 6) fixing of skirt board, frame deck plate, seal plate 7) screw take up tightening 8) trial run 9) belt training

Item no: Conveyor **PD44 & PD51** - Activity includes 1) Shifting and anchoring of winch machine 2) Looping of belt at ground 3) positioning of belt for joint 4) assisting to jointer 5) shifting of vulcanizing machine to and fro 6) Covering arrangement for belt joining activity if required.

Item no: Conveyor **PD52**- Activity includes 1) Shifting of patching machine to and fro 2) removal of frame, deck plate 4) splicing of belt 5) Installation of hot patch machine and heating cycle 6) removal of machine after cooling cycle 7) fixing of frame ,deck plate

Item no: Scoop type coupling revival **PD60** – Activity includes 1) Removal of resilient coupling hub 2) opening of scoop coupling 3) replacement of bearing / coupling internal parts if damaged 4) fixing of resilient coupling hub 5) box up of coupling

Item no: Gearbox revival (HT/LT drive) **PD61 & 62** – Activity includes 1) Removal of coupling hub/cooling fan 2) opening of gear box 3) replacement of bearing / gearbox internal parts if damaged 4) backless setting and box up 4) fixing of cooling fan / coupling hub

Item no: Ball Mill **PD68** - Activity includes 1) shifting of material from warehouse to location 2) Opening/closing of Mill inspection door 3) Removal of all size balls from Mill shell 4) Segregations and counting or weighment of all size ball 5) Charging of balls as required as per instruction of GIPCL engineer 6) shifting of scrap/damage balls from location to warehouse 7) trial run

Item no: Screen **BD21**- Activity includes 1) Opening of hood 2) Removal of side clamp along with bolts on both side 3) removal of holding bolt of screen deck 4) Shifting of new deck 5) Removal of old deck 6) Fixing of new deck 7) Refitting of all above 8) Trial run

Item no: EDS **BD24** - Activity includes 1) Shifting of new roll shaft near to EDS 2) Opening of side cover and top hood 2) Decouple of roll shaft from gear box 3) Removal of top half of roll shaft bearing casing 3) removal of damaged roll shaft and fixing of new roll shaft followed with tyre coupling hub fixing 4) Re-fixing of all above removed parts 5) Shifting of damaged roll shaft to work shop for revival 6) Trial run



Item no: Crusher **BD50** - Activity includes 1) Loosening of 'V' belt 2) De-coupling 3) Removal of coupling half 4) Removal of old bearing and fixing of new 5) Replacement of Plummer block if required 6) Re fixing of all above 7) Alignment of Plummer block 8) Alignment and 'V' belt pulley 9) 'V' belt fixing and tightening 10) Trial run

Item no: Crusher **BD51** - Activity includes 1) Loosening of 'V' belt and removal of guard 2) Removal of flywheel and side covers (for DE side Bearing) 4) Removal of old bearing and fixing of new 5) Replacement of Plummer block if required 6) Re fixing of all above 7) Alignment of Plummer block 8) Alignment and 'V' belt pulley 9) 'V' belt fixing and tightening 10) Trial run

Item no: Take Up Counter Wt Box Replacement **BD74** - Activity includes 1) Shifting and positioning of winch machine /chain blocks, bottom supporting beams / structures 2) locking of belt with belt clamps 3) lifting of counter wt box 4) resting of counter wt box on bottom supporting beams / structures 5) removal of old counter weight box with weight and lowering to ground floor 6) position of new box on bottom supporting beams / structures by water level 7) Alignment & welding of tie C- frame with new box 8) Pulley alignment & freeness 9) removal of counter wt from old box and position of all Weights in new box 10) belt clamp removal & release of counter weight box 11) trial run 12) belt training

Item no: Take Up Guide Pipe Replacement **BD75**- Activity includes 1) shifting of take up pipe to location and jointing at ground as per available space / convenience for erection 2) removal of old take up pipe 3) erection and alignment of take up pipe 4) side supporting of pipe 5) trial run & belt training.

Item no: Replacement Of Take Up 'C' Frame **BD76** - Activity includes 1) Shifting and positioning of winch machine /chain blocks, bottom supporting beams / structures 2) locking of belt with belt clamps 3) lifting of counter wt box 4) resting of counter wt box on bottom supporting beams / structures by water level 5) Alignment & welding of tie C- frame with new box 6) Pulley fixing ,alignment & freeness 7) belt clamp removal & release of counter weight box 8) trial run 9) belt training

Item no: Stringer replacement **BD77**- Activity includes 1) Fabrication and painting of new stringer and shifting at site 2) Removal of carrying/return frame, deck plate, electrical/instrument equipment 3) Removal of old/corroded stringer 3) erection of new stringer 4) re-fixing of all above removed parts 5) trial run and belt training if required 6) shifting of scrap to scrap yard.

Item no: Tail Frame Replacement Of Conveyor **BD78** - Activity includes 1) Shifting and positioning of winch machine /chain blocks, Frame structure 2) locking of belt with belt clamps 3) lifting of counter wt box 4) belt loosening by pulling for freeing tail pulley structure 5) replacement of old tail frame with new one 6) tail pulley fixing, alignment & freeness 7) belt clamp removal & release of counter weight box 8) trial run 9) belt training

Item no: Head Frame Replacement Of Conveyor **BD79** - Activity includes 1) Shifting and positioning of winch machine /chain blocks, Frame structure 2) locking of belt with belt clamps 3) lifting of counter wt box 4) removal of hood over head pulley 5) belt loosening by pulling for freeing head pulley structure 6) replacement of old Head frame with new one 6) Head pulley fixing, alignment & freeness 7) fixing of hood 8) Alignment of drive 9) belt clamp removal & release of counter weight box 10) trial run 11) belt training



Item no: Head Frame Replacement Of Belt Feeder **BD80** - Activity includes 1) Shifting chain blocks, Frame structure 2) Releasing screw take-up 4) removal of hood over head pulley 5) belt loosening by pulling for freeing head pulley structure 6) replacement of old Head frame with new one 6) Head pulley fixing, alignment & freeness 7) fixing of hood 8) Alignment of drive 9) tightening of screw take-up 10) trial run 11) belt training

Item no: Tail Frame Replacement Of Belt Feeder **BD81** - Activity includes 1) Shifting chain blocks, Frame structure 2) Releasing screw take-up 3) belt loosening by pulling for freeing tail pulley structure 4) replacement of old tail frame with new one 5) tail pulley fixing, alignment & freeness 6) tightening of screw take-up 7) trial run 8) belt training.

Item no: Replacement Of Breaker Assembly Of Secondary Crusher **BD92** - Activity includes 1) Shifting of breaker assembly to the location by hydra (wt approx 3-4 Mt) 2) old Body bolt opening 3) opening of breaker assembly by chain block 4) removal of hinge pin 5) removal of breaker assly 6) lowering of breaker assly to the ground (15 mtr approx) by hoist or Trolley chain block set 7) lifting (approx 15 Mtr) and position of new breaker assly 8) hinge pin fixing 9) closing of door 10) mounting bolt setting and tightening 11) Trial run & gap adjustment

Item no: Hammer Head-Arm Set Replacement of ELHS Crusher **BD95**- Activity includes 1) Opening of door. 2) Inspection of damage hammer 3) removal of damaged Head-Arm Set with rotor bolt 4) preparation of new assembly of arm & head 5) fixing of assembly and rotor bolt if required & locking to crusher 6) closing of door 7) trial run & gap adjustment

Item no: Hammer Head Replacement of ELHS Crusher **BD96**- Activity includes 1) Opening of door. 2) Inspection of hammer head for damage or missing 3) replacement of damaged head / fixing of new head at missing place & locking 4) closing of door 5) trial run & gap adjustment

Item no: Hammer Head Removal of ELHS Crusher **BD97**- Activity includes 1) Opening of door 2) Inspection of hammer head for damage or missing 3) removal of hammer head of opposite row for in-situ balancing 4) closing of door 5) trial run & gap adjustment

L/s Screen: Deck Plate Support Structure Revival Work **BD114** - Activity includes 1) Opening of Top Door. 2) Identification of damage live frame structure part 3) removal of deck & its holding plates(bolted) 4) preparation of temporary working platform 5) replacement of all damaged frame structure (on site fitment adjustment is to be done that include cutting & welding) 6) removal of platform 7) fixing of deck and its holding plates 8) torque tightening of all the fasteners 9) closing of door 10) trial run (fabrication of angle clit is to be done if required).

O/H of cooling tower (PCFR 1717)-Paltech **PD78** - Activity includes 1) checking and replacement of fan blade 2) checking & setting of blade angle by angle protector (instrument in GIPCL scope) 3) replacement /adjustment of sprinkler pipe, sprinkler head and sprinkler tensioning device 4)cleaning of water basin 5)PVC/FRP eliminator adjustment /replacement 5) cleaning and replacement of damage PVC fills 6) repairing /replacement of inlet & out let water line & its valves 7) trial run.

O/H of compressor with after cooler **PD 80, 81, 82** (1HN2T 37)-CP, (T-BTD-LM)-KIRLOSKR, (8 X 7 NL)-IR, & 75 (1HX1T 18)-CP - Activity includes 1) Servicing / Replacement of Defective Components of suction and Delivery valves. 2) checking & correction of Main Bearings, oil seal CR Bearings, Thrust Bearings, connecting Rod



bushes and Gudgeon pins 3) Inspection of Piston Assembly and Replacement of L.P and H.P Piston Rings 4) All the clearance will be maintained within permissible limits. 5) Replacement of Oil 6) Cleaning/Replacement of oil & Air filters 7) adjustment and repairing of Outlet Air valves (Gate & NRV) 8) cleaning of water jacket 9) repairing /replacement of water line valve 10) After cooler leakage checking and arresting if any 11) Trial run. (If required Replacement to be done)

OTHER GENERAL TERMS AND CONDITIONS:-

All H & M jobs include to and fro shifting of spares/assembly/consumables/steel material from ware house /workshops to any location as well as shifting of scrape from work location to specific location shown by GIPCL officials within battery limit of contract. Any misc. / minor activity which needs immediate attention is to be carried out free of cost by shift maintenance team as per instruction from GIPCL officials. i.e.: opening/tightening of bolts, strip cutting of belt etc....

Above quantity is tentative and may vary $\pm 20\%$ of mentioned in billing breakup. Minor repairing and replacement includes all types of guard, canopy, steel structure etc...

All the heavy equipments i.e. JCB, Hydra, trailer etc. will be provided by GIPCL to the contractor free of cost as per requirement. If GIPCL feels requirement is must.

2 nos. Utility vehicles are to be kept for operation and maintenance activity as per tender guideline. Only utility vehicle is allowed equivalent to Mahindra Bolero Maxi truck, TATA 207 DI RX PICK UP etc are allowed having more than 60 HP power. Vehicle should not be older than four years during entire contract period.

6. ANNEXURE-I

STANDARD JOB EXECUTION TIME FOR THE MAJOR MECHANICAL JOBS

Sr. No.	Equipment	Work /Job	Time duration
1	Feeder breaker chain	Complete chain & flight bar replacement	4 Days
2	Steel cord belt	Revival of snapped steel cord belt	2 Days
3	Nylon belt	Revival of snapped nylon belt	1 Days
4	Pulleys	Replacement of any pulley bearing	2 Days
5	Alignment	HT drive alignment	1 Day
6	Alignment	LT drive alignment	12 Hrs.
7	Hammer mill Phase-I	Hammer replacement / Reversal	4 Days
8	Hammer mill Phase-II	Hammer replacement	8 Days
9	Any PM	As per check list	Within 8 -10 HRs.
10	Overhauling at workshop	Overhauling of Fluid coupling, gear box, pumps etc at work shop	2-3 Days
11	Conveyor	Skirt board revival/replacement	2 Days
12	Belt feeders	Belt replacement	2 Days
13	Conveyors/crushers	Onsite revival of gear box/couplings.	1-2 Days
13	Welding /cutting	Chute repair, liner cutting	8-12 Hrs.



7. ANNEXURE-J

LIST OF TOOLS AND TACKLES & CONSUMABLES for H &M (J-1)

SR.NO	DESCRIPTION	QUANTITY
1	400 Amp. Welding Rectifier / welding Generator	04 No.
2	400 Amp. Welding Transformer.	10 Nos.
3	Cutting Torch with hose and Regulator having hose length minimum 25 Mtr	10 Sets.
4	Welding cable 25 Mtr length with holder	10 nos.
5	Earthing cable	10 nos.
6	Supply cable single phase & 3 phase having 20 Mtr Length	10 Nos. Each
7	Piano wire – 100 Mtr.	01 Lot.
8	Water Level – 8MM Dia, 50Mtr. Lg.	02 Nos.
9	Steel Tape – 3 Mtr.	10
10	Steel Tape – 30 Mtr.	2
11	D/E Spanner. Complete Set	16 Sets
12	Ring Spanner. Complete Set.	16 Sets
13	Box spanner. Complete Set	06 Sets
14	S/E Spanner – 40,42,46, 52 MM.	03 Each.
15	Wire rope pulley, (Single)	6
16	Wire rope pulley, (Double)	4
17	Allen key Complete set 4 mm to 50 mm	3
18	Plumbs	02 No.
19	Angle Grinding M/C. (AG – 7)	06 Nos.
20	Straight Grinding M/C. (GQ-4)	06 Nos.
21	Hole Punch	04 Nos.
22	Pipe Wrench (Small, Big)	12 Nos.
23	Adjustable Spanner	20 Nos.
24	Bearing Puller.	02 No.
25	Out side Micro Meter (0 – 100)	1
26	Vernier caliper - up to 300MM.	02 No.
27	D- Shackle (1MT, 2MT, 3MT, 05MT,10 MT. Capacity.)	05 Each.
28	Wire Rope Sling capacity 5 MT & Length 750 mm, 1 Mtr & 1.5 Mtr	06 Each.
29	Wire Rope Sling capacity 10 MT & Length 750 mm, 1 Mtr & 1.5 Mtr	06 Each.
30	Mechanical Jack 5MT	02 Each.
31	Hydraulic Jack With Pump. 50MT, with Pump.	2 no.
32	Hydraulic Jack With Pump. 100MT, with Pump.	1 no.



33	Bench vice	01No.
34	Sprit Level	02 Nos.
SR.NO	DESCRIPTION	QUANTITY
35	Screw Driver Full Set	05 Nos.
36	Dial Gauge 0 to 10 mm(Standard Size)	03 Nos.
37	Dial Gauge 0 to 5 mm(Standard Size)	01 No.
38	Filler Gauge	04 Nos.
39	Grease Gun (1-kg cap.)	01 no.
40	Grease Gun (5-kg cap.)	3 no.
41	Grease Gun. 10 kg. Capacity.	3 no.
42	Hammer (4LB, 20 LB)	16 Each.
43	Turn Buckle	1 set
44	Manila Rope (Each 50 Mtr. Long)	5 Bundles
45	Chain Pulley (1 MT) Capacity.	06 Nos..
46	Chain Pulley (2 MT) Capacity.	04 Nos.
47	Chain Pulley (3 MT) Capacity.	03 Nos.
48	Chain Pulley (5 MT) Capacity.	06 Nos.
49	Hack Shaw frame with blade	5 Nos.
50	Shim Cutter	02 Nos.
51	Cutting Pliers	06 Nos.
52	Knife for belt cutting / splicing	10 nos.
53	Hand Lamp / Flood light	05 Nos.
54	Hand pump for lubracating oil	03 Nos.
55	Vulcanizing Tool	02 Set.
56	Torque Wrench (500 LB Cap)	1 no.
57	Torque Wrench (1000 LB Cap)	1 no.
58	Scaffolding material	1 set
59	Hot blower	2 No.
60	Chisels	8 No.
61	Circlip plier (Inner & Outer)	2 Set
62	Torch(Large size)	10 Nos.
63	Line Testers	15 Nos.
64	portable ladder single stage	2 Nos.
65	Portable ladder two stage	2 Nos.
66	Tool bags	15 Nos.
67	Thermometer	3 Nos.
68	Tap set	1 No.
69	Die set	1 No.
70	Number punchine	1 Set



CONSUMABLES

Following are the list of items /consumables and the minimum quantity that has to be maintained by the contractor at any time:-

General-purpose fabrication/welding electrode (Advani, Oerlikon, ESAB, D&H, L&T, E-6013): 100 Kg.
 Oxygen Gas: 35 nos.
 DA Gas cylinder: 15 nos.
 Diesel: 20 ltrs.
 Painting brush: 10 nos.
 Paint Enamel:50 Ltr,Thinner:20 Ltr,Primer: 50 Ltr
 Wire brush: 10 nos.
 Emery paper of different grades: 10 sheets each
 Grinding wheel: 20 nos.
 Wire braided buffing wheel: 5 nos.
 Cotton waste: 200 kg

MINIMUM NUMBERS OF TOOLS AND ACCESSORIES CONTRACTOR HAS TO MAINTAIN AT SITE ALWAYS FOR HOUSEKEEPING OF ILHS (J-2)

Item	Qty Req
Sawel	80
Pavda	15
Tagadi 16"	50
Hand wash- Dettol (250 ml Bottle)	52
floor cleaning agent (Phenyl) Litre	300
Rub Duster (Swabbing Cloth)	200
Toilet freshener 50 gm	100
Room Spray	24
Buckets 15 ltr	10
Brooms,	250
High beam torch	5
Floor sweeping brush	100
portable vacuum machine for cleaning of MCC,C/R etc	1
Hose pipe with coupling	20
Branch	3

Note

- 1) Contractor has to ensure the availability of the above items at any time in good working condition.



- 2) Above list of items is tentative; however bidder has to keep the required tools and tackles to satisfactory execution of scope of work mentioned in tender document.

MINIMUM NUMBERS OF TOOLS AND ACCESSORIES CONTRACTOR HAS TO MAINTAIN ALWAYS FOR HOUSEKEEPING OF ELHS (J-3)

Item Description	Quantity
Sawel	65
Pavda	15
Tagadi	50
Toilet freshener	48
Bucket 15ltre	6
Sweeping Brooms	100
Rub Duster (Sweeping cloth)	60
Cleaning Brush with Handle	80
Cleaning Agent (Phenyl) in ltr	200
High beam torch	3
Floor sweeping brush	50
portable vacuum machine for cleaning of MCC,C/R etc	1
Hose pipe with coupling	20
Branch	3

NOTE:

The list is tentative, however any other tools/ tackles and consumables required for carrying out work shall be in the scope of the contractor.



8. ANNEXURE-K

MINIMUM QUALIFICATION AND EXPERIENCE OF CONTRACTUAL EMPLOYEES

Sr. no	Description	Minimum qualification & experience
1	Operation In charge	B.E (Electrical) with 3 to 5 years relevant experience OR Diploma with more than 8 years experience in relevant field.
2	Coordinator/Supervisor (LHS)	Diploma with 2 to 4 years experience in relevant field.
3	Coordinator/Supervisor (LSMS)	Diploma with 2 to 4 years experience in relevant field.
4	Field engineer (mechanical maintenance)	Diploma with 2 to 4 years experience in relevant field.
5	Mechanical Maintenance – in charge	B.E (Mechanical) with 3 to 5years experience in relevant field.
6	Skilled operator (mechanical)	ITI with 3 to 5 years experience.
7	Skilled operator (electrical)	ITI with 3 to 5 years experience.
8	Semi skilled operator	10 th. Pass with industrial exposure for 02 years.
9	Skilled technician (mechanical)	ITI with 3 to 5 years experience.
10	Semi skilled technician (mechanical)	10 th. Pass with industrial exposure for 02 years.



ANNEXURE –L

SCHEDULE OF DEVIATION FROM GENERAL AND TECHNICAL SPECIFICATIONS

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

Sr. No	SECTION	CLAUSE NO	AS PER TENDER DOCUMENT	DEVIATION

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

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE



10. ANNEXURE-M

DEFECT LIABILITY PERIOD FOR MECHANICAL EQUIPMENTS

Sr.no	Activities	Work on which defect liability will be counted	Minimum time
1	Bearing replacement	If jammed due to starvation, axial shifting due to loose check nut, over tight of check nut, improper fitment.	15 days.
2	Drive alignment.	Looseness of bolts, high vibration due to improper alignment.	15 days.
3	Oil seal replacement.	Oil leakage through lip.	7 days
5	Hard facing of Spikes on Rotor of Primary crusher.	Detachment of built-up weld deposits.	30 days
6	Skirt rubber fixing.	Detachment of skirt rubber due to welding failure.	30 days
7	Bearing jammed due to lack of lubrication	After monthly preventive maintenance	30 days
8	Gear box /scoop coupling/traction coupling	Problem due to improper workman ship , Oil leakage,high vibration,seizing of bearing,Any other functional deficiencies	7 days
9	Welding work	Poor consumable/workman ship,Failure of welding	30 days



11. ANNEXURE – N

INFORMATION CONTAINING DETAILS OF PROPOSAL

- 1.0 NAME OF PACKAGE :
- 2.0 NAME OF TENDERER :
- 3.0 ADDRESS OF TENDERER :
- 4.0 NAME OF CONTACT PERSON/S AND :
DESIGNATION ALONG WITH PHONE
/ FAX / MOB.NOS.
- 5.0 LEGAL STATUS AND CAPACITY OF : SOLE PROPRIETORSHIP/
TENDERER PARTNERSHIP FIRM/COMPANY (P)
LTD/PUBLIC LTD/GOVT.CO./
CO.OP.SOCIETY/ REGISTRATION
UNDER SHOPS & ESTABLISHMENT
(Strike out which is not applicable)
including change in the constitution of
firm, if any, for the last three years.
- 6.0 REGISTRATION DETAILS :
- 7.0 COMPANY INCORPORATION :
DETAILS (COMPANIES ACT 1913 /
1956)
- 8.0 FULL NAME, DESIGNATION & :
ADDRESS OF AUTHORISED
SIGNATORY OF THE PROPOSAL
- 9.0 AUTHORITY / POWER OF ATTORNEY :
OF AUTHORISED SIGNATORY OF
THE PROPOSAL
- 10.0 DETAILS OF ALLOTMENT OF :
INDEPENDENT PF CODE NO. BY
CONCERNED REGIONAL
PROVIDENT FUND COMMISSIONER



11.0 MENTION THE DETAILS OF SIMILAR NATURE OF JOB BEING EXECUTED AT PRESENT.

12.0 ANY OTHER INFORMATION :

NOTE : NO COLUMN SHOULD LEFT BLANK. COLUMNS NOT APPLICABLE MAY BE MARKED AS N.A. CERTIFIED DOCUMENTARY PROOF FOR THE INFORMATIONS MAY BE ACCOMPANIED. IF ANY DOCUMENT IS SUBMITTED EARLIER, PLEASE MENTION THE REFERENCE OF SUBMISSION AGAINST RESPECTIVE COLUMN.

THE ABOVE INFORMATION ARE PART OF OUR BID AND THESE ARE BINDING ON US.

PLACE : SIGNATURE OF BIDDER : _____

DATE : DESIGNATION : _____

COMPANY STAMP : _____



ANNEXURE- P

(To be submitted on Company's Letter Head)

Declaration Cum Undertaking for Safety Laws and Regulations Compliance

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.

Further, IName of Party/Company..... also hereby confirm, declare and undertake that there has not been any major Safety Violation and any single Fatal Accident during the execution of the contract/contracts awarded to me during the period of preceding Three years.

Signed and Stamped by the
Authorized Signatory
Of the Bidder

ANNEXURE- Q

(To be submitted on Company's Letter Head)

Declaration for Contractual Disputes/ Litigations

I _____ on behalf ofName of Party/Company.....hereby confirm that I/We have not been engaged in any Industrial Dispute(S) or have invoked legal recourse e.g. Arbitration and/or litigation against any Govt, of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations for the last Five (05) years. There are no ongoing/pending legal matter(s) with any of the Govt. of Gujarat Undertakings / GoG supported Companies, including GIPCL.

I/We also confirm that M/s Have not been Blacklisted/ deregistered / listed under stop Deal by any Govt, of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations , including GIPCL for the last Five (05) years.

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

Signed and Stamped by
the
Authorized Signatory
Of the Bidder