



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;

*Surat Lignite Power Plant - 4X125 MW, Unit # I to IV:
Biennial Rate Contract for Civil & Structural works and
Repair & Maintenance at Surat Lignite Power Plant and
also at associated Mines Infrastructure, Solar Plants &
River Intake-Well Pump House (Year: 2025-2027)*

***Bid No.: SLPP/Civil/BRC/2025
(nProcure E-Tender ID: 155150)***



**INSTRUCTIONS TO BIDDERS & CONDITIONS OF
CONTRACT**



INDEX

<u>Sr. No.</u>	<u>PARTICULARS</u>	<u>PAGE NO.</u>	
		From	To
(1)	<u>NOTICE INVITING TENDER (NIT)</u>	3	4
(2)	<u>SECTION – A</u> (Instructions to Bidders)	5	20
(3)	<u>SECTION – B</u> (Instructions to Bidders for online tendering & e-reverse auction)	21	22
(4)	<u>SECTION – C</u> (General Conditions of Contract)	23	39
(5)	<u>SECTION – D</u> (Special Conditions of Contract)	40	55
(6)	<u>SECTION – E</u> (Schedule of Rate)	56	117
(7)	<u>SECTION – F</u> (Annexures and Forms)	118	130

NOTE: All the Bidders should study entire Tender documents carefully including scope & special conditions of contract with penalty clauses and 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/Civil/BRC/2025

Name of work	Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: Biennial Rate Contract for Civil & Structural works and Repair & Maintenance at Surat Lignite Power Plant and also at associated Mines Infrastructure, Solar Plants & River Intake-Well Pump House (Year: 2025-2027).
Estimated value of work	Rs.2,20,20,102/- (without GST). Base of estimation is Minimum Wage Rate w.e.f. 01.10.2024.
Place of work	Surat Lignite Power Plant, Village: Nani Naroli, Taluka: Mangrol, Dist.: Surat - 394112 (Gujarat).
Quantity	The successful Bidder will be awarded this contract involving total quantities of various items as mentioned against item descriptions in BOQ (Section-E).
Contract period	02 (two) years from the date as mentioned in order and as per subsequent clause no. 16 (Section-A) & 3 (Section-D).
EMD	Rs.1,66,000/- (Rupees One Lakh Sixty-Six Thousand only) as per details mentioned hereinunder in clause no. 7 of Instructions to Bidders (Section-A).
Cost of tender document / tender fee	Rs.2,950/- (Rupees Two Thousand Nine Hundred Fifty only), nonrefundable, inclusive of applicable GST, to be submitted through RTGS or through online payment gateway from website: www.gipcl.com as per details mentioned hereinunder in clause no. 7 of Instructions to Bidders.
Site Visit	Site visit at GIPCL (Surat Lignite Power Plant), Village: Nani Naroli, Taluka- Mangrol, Dist. Surat - 394112 (Gujarat) before submission of bid as per details mentioned hereinunder in clause no. 4 of Instructions to Bidders (Section-A).
Availability of online e-Tender document	On website: https://tender.nprocure.com or https://gipcltender.nprocure.com and also www.gipcl.com up to 05.03.2025, 17:30 hrs., extended up to 19.03.2025, 17:30 hrs., second extension up to 02.04.2025, 17:30 hrs., third extension up to 16.04.2025, 17:30 hrs.
Last date of online submission of offer	Through website: https://tender.nprocure.com or https://gipcltender.nprocure.com up to 05.03.2025, 17:30 hrs., extended up to 19.03.2025, 17:30 hrs., second extension up to 02.04.2025, 17:30 hrs., third extension up to 16.04.2025, 17:30 hrs.
Submission of EMD (as above) and online Tender fee transaction detail along with supporting documents for techno-commercial bid in physical form in sealed cover.	On or before 16:00 hrs. of due date of bid submission during working days at office of Surat Lignite Power Plant, Nani Naroli, Dist. Surat.



E-Reverse Auction	E-Reverse Auction will be executed through website: https://e-auction.nprocure.com (Schedule will be intimated later on to eligible 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. Bidders are advised to submit their online bid well in advance to avoid any unexpected last moment technical issues with (n)procure site. In case of any issues /difficulties cropping up during online bid submission / uploading / submission of documents, etc..., bidders are requested to inform these well in advance (at least two days before closing of tender) to (n) Code Solutions as mentioned in Section-B of tender as well as to GIPCL email to khmistry@gipcl.com
5. The Bidders are required to submit their Bid offer online only through the website <https://tender.nprocure.com> or <https://gipcltender.nprocure.com> (**E-Tender ID: 155150**).
6. EMD either in physical form by way of DD/BG or copies of payment receipts of EMD and Tender fee paid through RTGS/online along with other supporting documents are to be submitted in physical form in sealed cover/envelop at the following address on or before date & time mentioned in above NIT. At the top of envelop, tender notice no.: **SLPP/Civil/BRC/2025** should be superscripted.

Addl. General Manager (O&M) - SLPP

Gujarat Industries Power Company Limited

Surat Lignite Power Plant

At Village: Nani Naroli,

Taluka: Mangrol,

Dist.: Surat - 394 112, Gujarat.

Phone: (02629) 261063-72. E-Mail: khmistry@gipcl.com & dtsuthar@gipcl.com



SECTION-A INSTRUCTIONS TO BIDDERS

1. PLANT SYNOPSIS

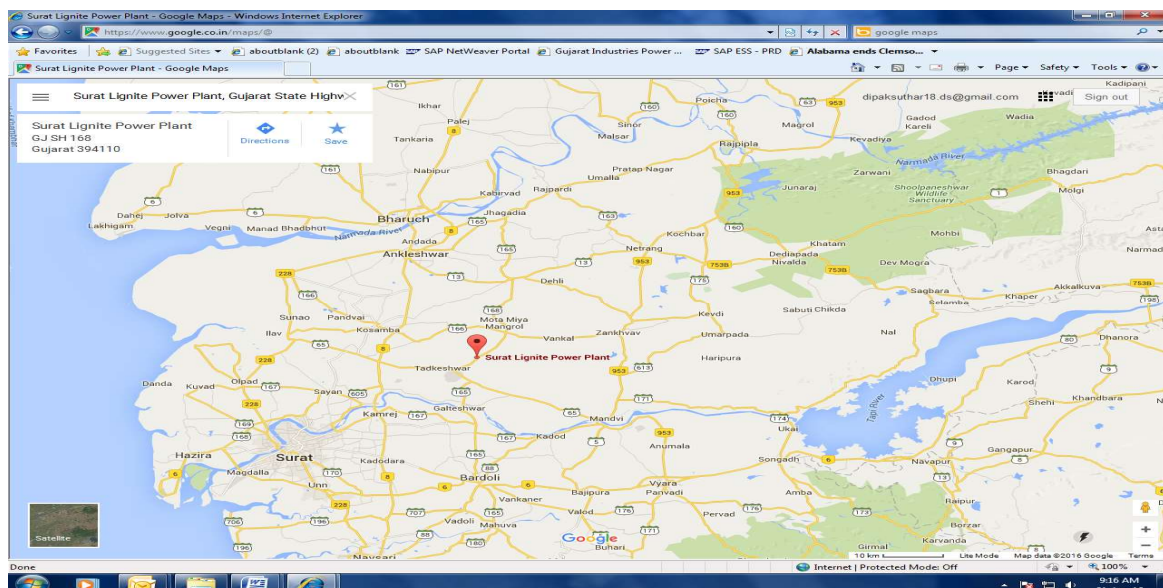
Gujarat Industries Power Company Limited (GIPCL) (henceforth be named Company/GIPCL), is a Premier Power Utility in the State of Gujarat with an installed capacity of 1184.40 MW comprising of various conventional and renewable projects.

GIPCL commissioned its first power project; a 145 MW gas based combined cycle power plant in year 1992 at Vadodara. It expanded its capacity 165 MW Naptha & gas based Combined Cycle Power Plant at Vadodara in year 1997. 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 installed capacity each is located at Village: Nani Naroli, Taluka: Mangrol, District: Surat in Gujarat. GIPCL has also operating its own captive Lignite and Lime Stone Mines close to the Power Plant. The Power Plant is based on Circulating Fluidized Bed Combustion (CFBC) technology for the Boilers, where Lignite is burnt along with Lime Stone in the Combustor of the Boiler. It also commissioned 05 MW solar power station at SLPP in year 2012.

GIPCL has successfully commissioned a 2 x 40 MW Solar Project in year 2017 as well as a 75 MW Solar Power Project in year 2019 at Gujarat Solar Park, Village Charanka, Dist.: Patan and 100 MW Solar PV project in year 2021 at the Raghanesda Solar Park. GIPCL has also successfully commissioned 112.40 MW wind farms at different location of Gujarat.

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





The Company intends to award Biennial Rate Contract for Civil & Structural works and Repair & Maintenance at Surat Lignite Power Plant and also at associated Mines Infrastructure, Solar Plants & River Intake-Well Pump House for two years of contract period for GIPCL's Surat Lignite Power Plant (SLPP) and is therefore inviting open online tender offers from experienced & resourceful contractors.

2. SCOPE OF WORK

- 2.1 The scope of work in general comprises all type of general & specialized Civil & Structural works, fabrication & erection, Civil & structural repair & maintenance works like dismantling, excavation, concrete, masonry, carpentry & furniture, aluminum & wood work, painting, sanitary & plumbing, roads, specialized civil structure repairs & grouting, waterproofing, maintenance, fabrication, erection with structural steel members, fencing, roof sheeting & wall cladding etc... at various locations of Power Plant (SLPP), outside Plant area like but not limited to ELHS, Raw Water Pipeline, Intake-well premises & Pump house at Village Bodhan & Patna, various Mines area (Vastan, Mangrol & Valia), 05MW & 01MW Solar Plant areas and also SLPP colony as per requirements of GIPCL.

The detail scope of work is mentioned in clause no. 1 of enclosed Section-D (Special Conditions of Contract) and brief technical specifications as per enclosed detail SoR (Schedule of Rates).

- 2.2 Quantum of job mentioned against all items in the Schedule of Rate (SoR) under Section-E of this document is indicative only & may vary as per site requirements and not to be construed as maximum or guaranteed quantity. The quantities shown in the schedule of rate (Section-E) are approximate quantities for the contract period and they may vary to any extent as per job requirements. Some of the items provided in SoR for any unexpected/uncertain requirement/s and same may be utilized or even may not be utilized or partly utilized. However, overall contract limit shall be within SoR awarded contract price. The technical activity estimate sheet is given in enclosed Section-E.
- 2.3 The bid submitted by the bidder not covering the total scope of work and services as detailed out in the tender document shall be liable for rejection.
- 2.4 All the miscellaneous activities pertaining to specific work to be executed for satisfactory performance is in the scope of contractor in his offered rates.

For detailed scope of work, please refer clause no.1 of Special Conditions of Contract (Section-D) & item nomenclature of SoR (Section-E).

3. GENERAL INSTRUCTIONS

- 3.1 The Bidders who are interested in participating in the tender must read and comply with the instructions and the Terms & Conditions contained in the tender documents.
- 3.2 The Bids shall be filled in by the Bidders clearly, neatly and accurately. Any alteration, erasures or overwriting 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.
- 3.3 The Bidders are requested to make themselves fully conversant with the General Conditions of Contract, Special Conditions of Contract, Technical



Specifications, Site conditions, Safety & Health Aspects and Norms to be observed etc. before submitting their bids so that no ambiguity arises in these respects subsequent to submission of the Bids.

- 3.4 Before quoting the bid, the Bidder must visit site and should go through the specifications, scope of work etc. and get himself/herself fully conversant with them. The Bid should include cost of mobilization and cost to adhere to all Safety Norms as described in the tender. No relaxation or request for revision of quoted/accepted rates shall be entertained subsequent to the opening of Bid on account of mobilization or Safety costs.
- 3.5 Bidder has to 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.
- 3.6 The Bids shall be submitted within the time frames set out in the Notice Inviting Tender ('NIT') and Bids submitted thereafter shall not be accepted and considered.
- 3.7 The tender documents shall not be transferable.
- 3.8 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 if required.
- 3.9 Conditional offers shall not be considered and liable to be rejected.
- 3.10 The Company reserves the right to extend the deadlines for submission of the Bids by giving amendments.
- 3.11 During evaluation of Bids the Company may, at its discretion ask the Bidder (s) for clarification of their Bid. The request for clarification and the response shall be in writing and no change in prices or substance of the Bid shall be sought, offered or permitted.
- 3.12 The Company reserves the right to amend/ modify the Bidding documents at any time prior to the deadline for submission of Bids, either at its own discretion or in response to the clarification requested by a prospective Bidder. In such case, the Company may in its discretion extend the deadline for submission of Bids in order to facilitate the prospective Bidders for incorporating the effect of the amendment in their Bids.
- 3.13 The Bidders shall bear all costs and expenses associated with the preparation and submission of their respective Bids, to attend meetings or conferences, if any, including any pre award discussion with the successful Bidder, technical and other presentations etc. and the Company shall not be liable for any expense thereof.
- 3.14 If the successful Bidder is consortium/joint deed of undertaking of company, the Consortium leader/Bidder shall accept joint and several responsibilities and liabilities for all obligations under the Contract.
- 3.15 Timely and satisfactory completion of the work and strict adherence to the allotted time frames for jobs shall be the essence of the contract.
- 3.16 The Company reserves the right to qualify/disqualify any applicant without assigning any reason.
- 3.17 The Bidder shall be disqualified if any untrue statement or misrepresentation is made in the Bid forms, attachments and other supporting documents submitted by the Bidder.



4. PLANT VISIT

It is perquisite and necessary for all interested bidders to visit the site/plant after downloading the tender copy to understand the actual working conditions, compliance related to labour, safety etc. before submitting their offer. Failing which, any consequential liabilities arising will be to bidder's account. The bidders shall examine the site of works and its surroundings at his own responsibility.

The bidders shall collect information that may be necessary for preparing the bid and entering into a contract. All costs and liabilities arising out of the site visit shall be at bidder's account.

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

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

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

BIDDER shall inspect the site, examine and obtain all information required and satisfy himself regarding matters such as access to site, communication, transport, working condition including constraint of work place, various working locations & its distance, confined area, quantum of dusting, temperature, running equipment, importance of work, round the clock working conditions, height of various buildings & structures, available access & approaches, safety requirements, work permit system, 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 & facilities required for the satisfactory completion of work, the quantity of various items of the work, the availability of local labour, availability & rates of material, local working conditions, uncertainties of weather, obstructions & hindrances that may arise, etc which may affect the work or cost thereof, etc... 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/offered shall not be entertained nor considered by the GIPCL.



The rate 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 GIPCL Engineer.

It is also desirable to study tender documents thoroughly before site visit. Also, considering prevailing nationwide COVID-19 epidemic, site visit will be carried out with advance intimation by fulfilling & maintaining COVID doctrine.

5. **ELIGIBILITY CRITERIA**

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

- 5.1** Bidder should possess minimum **Three years** of experience **during last five years** in similar nature of jobs (like ARC civil & structure repair & maintenance or various type of civil & infrastructural jobs, general civil works etc...) in Power Plant, Process Industries, Corporations, Corporate, Institutes, colony and should enclose proof of the same. Bidder shall submit necessary evidence for the same like self-attested copies of work orders/Work Execution/Work Completion certificates from clients. The work completion certificate shall comprise of Order value & Executed value. Bidders should have executed the work directly. The work executed as a sub-contractor or subletting agency shall not be taken in to consideration.
- 5.2** Bidder should produce **evidence of having successfully completed similar works (as per above clause no. 5.1) during last five years ending last day of the month previous to the one in which tender is invited**, satisfactory progress of ongoing works etc... secured from clients along with self-attested copies of documentary evidence preferably photo copies of work experience. The experience should be either of the following:
- a. **One similar completed/executed work each costing not less than the amount equal to Rs.64,95,930/-.**
 - OR**
 - b. **Two similar completed/executed works each costing not less than the amount equal to Rs.38,97,558/-.**
 - OR**
 - c. **Three similar completed/executed works each costing not less than the amount equal to Rs.25,98,372/-.**

Note: For evaluation of the bid the executed value mentioned in the work completion/work in progress certificate will be considered.

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

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

- 5.3** **Tender fee:** The tender fee shall be submitted **through RTGS or through online payment only** as per details provided in clause no. 7 hereinafter. Demand Draft will not be accepted for Tender Fee.
- 5.4** **EMD:** The EMD shall be submitted in the form of DD/RTGS/online or irrevocable Bank Guarantee given by Bank as described in subsequent clause no. 7.



- 5.5 Bidder should have separate Employees Provident Fund code number towards registration of firm with RPF commissioner, as applicable.
- 5.6 Attested copies of relevant documents duly signed & seal on each & every page shall be submitted. GIPCL may verify the documents, experience certificates issued by concern authority. After opening of technical Bid, if any required attested documents found missing in the Technical Bid submitted by the Bidder, the tender inviting authority may inform to that Bidder by E-mail to submit the missing required documents within stipulated time limit. If Bidder/Bidders fail to submit within stipulated time, their Bid will be declared technically disqualified and no further correspondence will be entertained.
- 5.7 Bidder should have average annual turnover of **Rs.38,97,558** during last three financial years (**average of financial years of 2023-24, 2022-23 & 2021-22**). Bidder shall furnish annual audited financial statement duly certified by Chartered Accountant for the last three financial years as above to demonstrate the financial healthiness of the company. The balance Sheet and Profit & Loss Account must be in the name of the company. Any type of MOU for this purpose will not be entertained.
Note: In case, the annual turnover is less than the statutory guideline which does not require audit, the bidder shall submit the turnover certificate from Chartered Accountant.
- 5.8 The Bidder has to submit INCOME TAX Permanent Account Number (PAN) and GST registration number. Copies of the same shall be submitted.
- 5.9 **The net worth of the bidder should be positive** as evidenced from audited accounts of **last financial year (2023-24)**, audited (or where, as per extant laws of the land, audit is not applicable, certified) by a qualified Chartered Accountant who should be a member of the Institute of Chartered Accountants of India.
- 5.10 In case Bidder is a Consortium/Joint deed of undertaking of company, the above requirements/credential of consortium leader/bidder shall be considered unless otherwise specifically mentioned in the tender.
- 5.11 If Bidder or its Partner(s) or Director(s) is /are/was Black Listed / Deregistered / Stopped or banned from dealing in the past by any Govt. of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations, Bid of that party may be liable to be rejected. Bidder agrees and undertakes to accept decision of GIPCL in this regards as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage. Bidder shall have to submit “Declaration for Contractual Litigations” as amended in Annexure-H in Section-F / Form attached.
- 5.12 Bidder shall have to submit the “Declaration-cum-Undertaking for Compliance of Safety Laws and Regulations” on his company letter head as amended in Annexure-G in Section-F / Form attached.
 - If any Major Violation of any safety law(s) / Rule(s) is / are found during the preceding Three (3) years, Bid of that party will be liable to be rejected. Bidder agrees and undertakes to accept decision of GIPCL in this regard as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage.
 - If any of the details submitted in the prescribed Annexure-G & H in Section-F / Form to the Bid is/are found to be false, incorrect at any time in future, then the Contract awarded to that Bidder / Contractor shall be liable to be terminated forthwith without any notice / correspondence and Bidder agrees and undertakes to accept decision of GIPCL in this regards as final and binding on the Bidder without any demur and that no further correspondence shall be done in this regard at any stage.



Further, Performance / Security Deposit will also be liable to be forfeited. Any dues to GIPCL from the Bidder / Contractor shall be recovered from the pending bills or any other dues payable to the Bidder / Contractor, if any or otherwise through any other recourse available under the Laws.

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

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

6. LANGUAGE OF BID

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

7. EARNEST MONEY DEPOSIT (EMD) AND TENDER FEE

- 7.1** An EMD of **Rs.1,66,000/-** (Rupees One Lakh Sixty-Six Thousand only) and nonrefundable Tender fee of **Rs.2,950/-** (Rupees Two Thousand Nine Hundred Fifty only), inclusive of applicable GST shall accompany with Bid. **Tender fee shall be submitted through RTGS / online mode of payment only.**
- 7.2** The EMD shall be submitted in the form of DD/irrevocable Bank Guarantee in favor of Gujarat Industries Power Company Limited from all Nationalized Banks or Axis Bank, ICICI Bank, HDFC Bank, Kotak Mahindra Bank, IndusInd Bank, Federal Bank, Bandhan Bank, IDBI Bank and Karur Vysya Bank as per Performa of BG enclosed with this tender document under Section-F (Annexure-C).

Bank for EMD DD

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

Payable at :

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

Alternatively, EMD & Tender Fee may also be submitted through RTGS mode of payment by the bidders as per the details given below:-

RTGS detail:

1. BANK NAME:- **State Bank of India**
2. BRANCH:- **Nani Naroli**
3. IFSC CODE:- **SBIN0013423**
4. BENEFICIARY NAME: **Gujarat Industries Power Company Limited**
5. A/C No.- **33514692834**



Also, EMD & Tender fee may be submitted through online payment gateway of company's website: www.gipcl.com (online Payment Form) as per detail provided in Section-F (Annexure-J) herein under.

- 7.3 In case EMD is paid in the form of irrevocable BG, the same shall be valid for a period of 180 days after the due date for submission of the bid
- 7.4 The EMD of the successful bidder will be returned after payment of Security Deposit or submission of irrevocable PBG by successful bidder. Alternatively EMD will be converted into SD and successful bidder shall submit SD or performance bank guarantee for the balance amount.
- 7.5 The earnest money deposit will be refunded to the unsuccessful/disqualified BIDDER after the tender is finalized and after award of LOI/Work Order.
- 7.6 Any bid not accompanied with EMD and Tender fee will be rejected. Tender fees and EMD should be submitted to GIPCL.
- 7.7 No interest shall be payable on EMD.
- 7.8 The EMD will be forfeited if the BIDDER (i) withdraws his tender after acceptance or (ii) withdraws his tender before the expiry of the validity date of the tender.

7.9 SCHEDULE OF EMD, TENDER FEE & OTHER SUPPORTING DOCUMENTS

Details/receipts of EMD & Tender fee paid by RTGS/online or EMD in physical form by way of DD/BG (as applicable) with other documents duly self-attested are to be submitted in physical form in sealed cover as per details mentioned in NIT. Bid No. shall be mentioned at the top of cover/envelope.	<p>Address for Submission: -</p> <p>Addl. General Manager (O&M) - SLPP GUJARAT INDUSTRIES POWER CO. LTD., (Surat Lignite Power Plant) Village: Nani Naroli, Taluka: Motamiya-Mangrol, District: Surat. PIN: 394 112, Gujarat.</p> <p>Phone : 02629-261063 E-Mail: khmistry@gipcl.com & dtsuthar@gipcl.com</p>
--	---

8. SUBMISSION OF BIDS

A: MODE OF SUBMISSION

The bids shall be submitted online through website: <https://tender.nprocure.com> or <https://gipcltender.nprocure.com> within the dates specified in the NIT along with the details of tender fees, EMD in two parts as under:

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

Further briefing of above Part (a) and (b) are as under;

(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-F in Section-F) Technical as well as commercial, if any.
3. Qualification & experience of Supervisors/Engineers.
4. List of available equipments, tools & tackles which are required to perform the scope of works as specified in this tender.

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

1. The tender documents duly signed in all pages without price bid along with techno-commercial deviations, if any.
2. Proof of experience meeting the minimum eligibility criteria as mentioned in tender document.
3. Performance certificate issued by clients.
4. Previous work order copies.
5. Details of present work order (if any).
6. Turn over for the last three years, audited annual accounts/financial statements i.e. profit & loss account and balance sheet and net worth certificate for last financial year duly certified by a practicing CA will be required as specified in clause nos. 5.7& 5.9 above.
7. P.F. Number and Allotment Letter.
8. PAN Number.
9. Goods & Service tax registration number/certificate copy
10. Declaration-cum-Undertaking for Compliance of Safety Laws & Regulations and Contractual Disputes / Litigations as per Performa Annexure-G & Annexure-H under Section-F.
11. Bidder should submit duly filled **Annexure-E** provided under Section-F of Tender document.
12. **Bidders should provide his User ID for e-Reverse auction on website: <https://e-auction.nprocure.com>**

(b) Price Bid:

1. Percentage Rate Price Bid shall be submitted only in soft form through e-portal system.

Note: Estimate includes cost of all manpower, experienced supervisors, experienced Civil Engineer, tools & tackles, equipments, hiring costs of specific job work related equipments & outsourcing of specific experienced agencies, all materials (except specifically specified free issue materials under respective item of SoR in Section-E like cement, steel, etc...) consumables, fuel, maintenance, spares, transportation, loading-unloading, mobilization-demobilization, supervision, insurance, Safety, Legal & Statutory compliance, all taxes & duties (other than GST). Bidder shall quote applicable GST % separately in online price bid.

2. Goods & Service tax shall be paid extra at actual as per prevailing rates as declared by Central Government on submission of documentary evidence. **Bidder shall quote applicable GST separately in online price bid.**
3. Bidder shall have to quote the rates in the form of %age. i.e. “At Estimated Value OR _____%age below the estimated value OR _____%age above the estimated value”.



4. The quantities shown in the SoR (Section-E) are approximate for the contract period and may vary as per job requirement.
5. The Bidder shall fill the Bid documents with utmost care in consonance with the instructions contained in the Bid documents.
6. Rates will remain firm throughout the contract period and any extension thereof, if required, to complete entire scope of work and shall not be subject to any escalation in price, idle charges for labour, machinery, overhead expenses etc... There will not be any escalation/compensation to the contractor against any revision and/or change in rate of materials, fuels, MWR (Minimum Wage Rates), etc... whatsoever.

B: METHOD OF TENDERING/SIGNATURE ON BIDS

- (i) The Bid must contain the postal address like name, residence & place of business of the person/persons submitting the Bid and must be signed & sealed by the Bidder with his/her 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 authorized partners or other authorized 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 authorized to Bid on behalf of such Corporation/Company. A certified copy of the board resolution/power of attorney authorizing such partner or representative shall also be submitted.
- (iv) The Bidder's name stated on the proposal shall be the exact legal name of the firm.
- (v) Erasures or other changes in the Bid Documents shall be initialed by the person signing the Bid.
- (vi) Bids not conforming to the above requirements of signing shall be disqualified.

9. MODIFICATION AND WITHDRAWAL OF BIDS

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

10. POLICY FOR BIDS UNDER CONSIDERATION

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



11. EFFECT AND VALIDITY OF THE BID

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

12. OPENING OF BIDS

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

12.2 Preliminary Examination:

12.2.1 The Company will examine the Bids for any computational errors, for sureties furnished by bidder, for authentication of documents submitted and completeness of the Bids.

12.2.2 Arithmetical errors will be rectified on the following basis:

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

13. EVALUATION & COMPARISON OF BIDS

- 13.1 GIPCL shall evaluate the Bids received and accepted by it to ascertain the lowest evaluated Bid in conformity with the specifications of the tender documents.
- 13.2 The Technical Bids will be examined for minor matters regarding qualification of bids. Subsequent to correspondence with the respective bidders, the decision of Tender Committee will be final.
- 13.3 All responses to requests for clarifications shall be in writing and shall be presented to the Company through e-mail or in a sealed envelope on or before the given date requested by the Company. If the Technical clarifications sought by the Company do not reach the Company on or before due date, the Bid will be rejected.
- 13.4 The comparison of all the Bids shall be carried out with reference to the scope of work as per the technical specification. Any deviation/omission shall be evaluated at highest quoted price of the deviation/omission quoted by any of the Bidder. In case a separate price (for omission) is not given by any other Bidder, a reasonable price of the same shall be taken & the same shall be binding to the Bidders.



- 13.5 The commercial deviation, if any, shall be loaded to bring all the Bids at par. The loading shall be carried out at an interest rate of 2% above PLR of SBI.
- 13.6 A Bid to be substantially responsive shall be one which on evaluation confirms to all the terms, conditions and specifications of the Bid documents without any material deviation or reservation.
- 13.7 For the above referred purpose, a 'material deviation' shall be one which:
 - (a) Which affects in any substantial way the scope, quality or performance of the contract, or
 - (b) Which limits in any substantial way and in a manner inconsistent with the Bid documents, GIPCL's right or the Bidder's obligations, under the contract, or
 - (c) Whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

14. RIGHT OF REJECTION OF TENDERS

- 14.1 GIPCL reserves the right to accept or reject any Bid or to cancel the Bidding process and reject all Bids at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders regarding the same.
- 14.2 Any Tender without EMD and Tender fee will be treated as non responsive and shall be rejected at the outset & no further correspondence shall be entertained regarding this.
- 14.3 GIPCL reserves the right to debar any Bidder from participation in future Bids if such Bidder has quoted an abnormally low rate in the Bid document/price Bid.

15. AWARD OF CONTRACT

- 15.1 GIPCL will award the contract to that bidder whose quotation has been determined to be substantially responsive and evaluated as the lowest quotation in conformity with the requirements of the specifications and documents contained herein, provided further that the bidder is determined and evaluated to be qualified to perform the contract satisfactorily.
- 15.2 The successful bidder shall be intimated of his/her selection through the Letter of Intent or Letter of Award/ Work Order which shall be sent to him/her through e-mail, courier, fax or registered mail.
- 15.3 GIPCL reserves the right to cancel/short close the contract during the contract period without assigning any reason.
- 15.4 GIPCL reserves the right to split the contract quantity between vendors.

16. CONTRACT PERIOD

- 16.1 The contract will be for a period of 02 (two) years from the date of actual commencement of operation of the contract as stated in the Work Order ('Contract Period').
- 16.2 GIPCL reserves the right to extend the Contract Period up to further 03 (Three) months at the same rates, terms & conditions without any price escalation and without entering into any new contract.
- 16.3 The said Contract Period can be extended if mutually agreed upon by both the parties up to one year and in such a case a revised work order shall be issued at the same rates, terms & condition or at negotiated rates acceptable by both parties i.e. the Company & the Contractor.



17. ASSIGNMENT AND SUB-LETTING

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

18. CONTRACTOR'S OBLIGATIONS

A: DEPLOYMENT & RESPONSIBILITY OF MANPOWER

- (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 separately to properly complete the job in given/scheduled time.
- (iii) The Contractor shall depute its own workmen/labour with proper identification to enter the plant premises after ensuring that the jobs are scheduled.
- (iv) At the time of deploying manpower, the Contractor shall strictly comply all the applicable labour laws/Acts norms including but not restricted to the age of the workers, women workers and shall also ensure that a police verification, security check, pre-employment medical fitness check-ups & induction safety training for all the workmen/labour engaged at the GIPCL site is done and necessary documents regarding the same shall be submitted to the GIPCL's authorized representative/officer-in-charge. Any default in complying with the same or any misrepresentation regarding compliance of the same shall compel GIPCL to initiate appropriate civil or criminal proceedings regarding the same.
- (v) The Contractor shall also comply with the safety requirements and provide his workmen/labor with safety equipment like helmets, masks, gum boots and other necessary PPEs for properly undertaking the operations involved under this contract. Following are also to be issued by contractor
 - a) Safety shoes (standard approved ISI make)
 - b) Safety helmet (standard approved ISI make in yellow colour only)
 - c) Safety Goggles / face shield.
 - d) Ear plug / Ear muff.
 - e) Hand gloves like electrical hand gloves / cotton hand gloves / Chemical hand gloves.
- (vi) Contractor shall nominate /authorize senior experienced person in writing as site-in-charge to co-ordinate with GIPCL engineer / operation team and who shall bear overall responsibility for performance of the contract. Such person shall remain available at site during execution of scope of work. Contractor has to submit the authority letter and documentary proof for the same.
- (vii) The Contractor shall appoint minimum required site supervisors who shall co-ordinate with GIPCL's Engineer-in-Charge for daily entrusted jobs. They have to maintain daily records duly signed for the works carried out and duly certified by concern Engineer-in-Charge. The Contractor in co-ordination with the Engineer-in-Charge shall ensure the availability of adequate manpower, consumables, materials, tools & tackles, etc... to carry out the job satisfactorily as per GIPCL's requirements as directed by Engineer-in-charge. As per the instruction of Engineer-in-Charge, they have to allot the work and execute the same in specified time limit.
- (viii) During execution of the works, one or more jobs may be required to be done simultaneously and the Contractor shall mobilize additional resources accordingly.
- (ix) During emergency or similar situations the Contractor shall be required to mobilize resources as per need within the period of 04 (four) hours or even earlier of that, depending upon criticality and also during odd hours, as directed



by GIPCL. If the contractor fails to mobilize sufficient manpower to complete the job in time, GIPCL will execute the job through other agency at the risk and cost of the contractor with 10% supervision charges, including GST & the same will be recovered from the Contractor's bill.

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 & tractors will be viewed very seriously and will invite appropriate punitive measures as decided by competent authority.

- (x) 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.
- (xi) 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 supervisor as per site necessity. Payment will be made on item rate basis only under respective section. The work during the overhauling period is to be carried out round the clock as per instructions of Engineer-in-charge. Contractor should mobilize sufficient number of manpower with other required equipment/resources and execute the work in all shifts with independent manpower after receipt of such instructions. Contractor should not continue the same manpower for more than 12 hours.

B: TOOLS & TACKLES:

- (i) All standard tools & tackles, equipments, consumables, materials, etc... to execute the contract are in the scope of the contractor (except specified free issue materials like cement & steel as mentioned in SoR). The contractor should ensure that all such tools & tackles/equipments/vehicle 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, vehicle, equipments and/or required consumables/materials then 25% of the total job cost including GST will be levied as a penalty for each and every instance.

- (ii) For proper execution of the work as per the scope, the contractor is required to maintain sufficient quantity of tools & tackles, equipments, etc... in good working condition at site as per day to day work load and emergency situations to complete the work in stipulated time.
- (iii) In case of breakdown of equipment, the contractor should work round the clock for putting back the area in service immediately within minimum time. In case of any emergency arising during night hours the contractor should be in a position to mobilize the manpower immediately within minimum time.
- (iv) 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 halogen lamp for other area ensuring safety at work place.



- (v) 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.

19. CLARIFICATION OF BIDDING DOCUMENTS

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

20. TIME SCHEDULE

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

21. UNDERSTANDING AND CLARIFICATION ON DOCUMENTS AND SPECIFICATIONS

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

22. PAYMENTS

All the payments against the work order shall be in Indian currency and payable through cheque or RTGS (online payment) system only based on submission of required documents like bank mandate form with original cancelled cheque.

23. POINTS TO BE CONSIDERED DURING QUOTING ONLINE PRICE BID

- a. The schedule of rates (Section-E) 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 (Section-E) are estimated and payment will be made as per actual work carried out as per the rates of work order.
- c. The method of measurement of completed work for payment shall be in accordance with the method of measurement specified in the Tender in Section-D.
- 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 contractor.

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

24. QUANTITIES

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



Quantities of individual items may be revised during the course of contract period based on plant operational & maintenance requirements. Contractor shall not be entitled for any compensation on ground of such alteration in given estimated quantities within overall limits of awarded contract price.

GIPCL reserves the right to operate or increase/decrease quantities in each item or omit any item included in Schedule of Quantity at its discretion. Contractor shall have no claim, whatsoever, on grounds of loss of anticipated profit etc. on account of the same. After commencement of the work, GIPCL, for any reason may not require to be carried out the whole/part of the work as specified in the tender, the ENGINEER-in-charge shall inform the fact for thereof to the CONTRACTOR and contractor shall have no claim for any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the full amount of the work not having been carried out nor shall he have any claim for compensation by reason of any change having been made in the original specifications and instructions which shall involve any curtailment of the work as originally contemplated.



SECTION-B

INSTRUCTIONS TO BIDDERS FOR ONLINE TENDERING & E-REVERSE AUCTION

SR. NO.	DESCRIPTION
1.	Tender documents are available only in electronic format and same can be downloaded from the website: https://tender.nprocure.com or https://gipcltender.nprocure.com and It can also be viewed from Company's website www.gipcl.com
2.	Price bid should be submitted online through the website https://tender.nprocure.com or https://gipcltender.nprocure.com only. No physical submission of price bid will be entertained as it should be furnished on-line only
3.	Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n)code solutions- a division of GNFC Limited, who are licensed Certifying Authority by Government of India
4.	All bids should be digitally signed. The bidders are required to contact at the below mentioned address for detailed training on on-line tendering and also for requirement. (n) Code Solutions - A division of GNFC Ltd. 403, GNFC Info tower, S.G Road, Bodakdev, Ahmedabad – 380054 (Gujarat, India). Toll Free: 7359021663 Tel: 079-26857315/316/317 E-mail: nprocure@ncode.in , website: https://tender.nprocure.com

Interested bidders are requested to submit the online tender at least two days in advance from the due date set for online submission of bid in order to avoid non-participation in case of any technical issues (website and/or network) at last moments.

E-REVERSE AUCTION:

- i. GIPCL reserves the right to conduct E-Reverse auction through (n) Procure platform.
- ii. E-Reverse auction shall be conducted amongst (a) the lowest 50% eligible bidders (rounded to the next higher whole number) from the total bids received OR (b) Minimum three (03) lowest bidders, whichever is higher, shall be invited for participation in e-Reverse Auction through n-procure platform.
- iii. Opening Price (including GST), Decrement value and duration for the e-Reverse Auction shall be informed to the qualified bidders before start of e-Reverse Auction.



- iv. After e-Reverse Auction process, L1 bidder shall be decided on Lowest Total Contract Price (including GST).
- v. To participate in e-Reverse Auction, Bidders have to create e-Auction USER ID on website: <https://e-auction.nprocure.com> that the bidder shall be allowed to participate the e-Reverse Auction.
- vi. In case of any further information regarding online bidding or if a Bidder needs any assistance in accessing/ submission of online bid/ clarification or if training is required for participating in online e-reverse bidding, then the Bidder can contact the following office for assistance or training:

(n) Procure Cell, (n) code solutions-A division of GNFC Ltd.,
403, GNFC Info tower, S.G. Road,
Bodakdev Ahmedabad – 380054 (Gujarat)
Toll Free: **7359021663**
Phone No. 079-26857315 / 316 / 317,
Fax: 079-26857321 / 40007533, Email: nprocure@ncode.in

Bidder may visit <https://tender.nprocure.com> for information regarding e-tendering registration process.



SECTION-C

GENERAL CONDITIONS OF CONTRACT

1. CONTRACT SECURITY DEPOSIT/ PERFORMANCE BANK GUARANTEE

As a Contract Security/Performance Bank Guarantee, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Bank Guarantee (PBG)/Contract security deposit (SD) in favour of Gujarat Industries Power Company Limited for an equivalent amount of ten percent (**10%**) of the “Annual Contract Price excluding taxes and duties” from all Nationalized Banks or Axis Bank, ICICI Bank, HDFC Bank, Kotak Mahindra Bank, IndusInd Bank, Federal Bank, Bandhan Bank, IDBI Bank and Karur Vysya Bank in the in the format attached in **SECTION-F**, and it shall guarantee the faithful performance of the 'Contract' in accordance with the terms and conditions specified in these documents and specifications. Contract security deposit/PBG shall be submitted strictly within twenty-one days from the date of LOI or work order, whichever is earlier. The PBG/ Security Deposit shall be valid up to retention period of 04 (four) months after the contract completion/expiry date. The Contract security/Guarantee amount shall be payable to the Company in Bidder's home currency without any condition whatsoever.

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

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

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

2. RECOVERY CLAUSE

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

3. DEDUCTIONS FROM CONTRACT PRICE

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



4. TERMINATION OF CONTRACT BY GIPCL

Contractor shall be responsible to complete the jobs within agreed time schedule and in case contractor fail to complete the job, GIPCL shall recover from his bill, Security Deposit and / or whatsoever for expenses incurred to complete the job with additional 10% overhead charges, including GST.

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

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

- i. Contractor is adjudged as insolvent.
- ii. Contractor has abandoned the contract.
- iii. Contractor fails to proceed with the work with due diligence as per requirements of the contract.
- iv. Contractor has neglected or failed persistently to observe or perform any of the acts, matters or things, which as per the contract are to be observed and performed by the contractor.
- v. Contractor repetitively violating the safety norms for more than three incidents.
- vi. Any major contradiction of applicable labour laws.
- vii. Any major deviations from contractual terms and conditions including quality of job.
- viii. GIPCL reserves the right to terminate the contract without giving any reason whatsoever and forfeit the PBG.

5. FAILURE & TERMINATION

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

If the contractor fails to execute the work or fails to mobilize the resources and equipments as per directions of GIPCL / ENGINEER within the time frame given and/or violating the GIPCL's safety rules & regulations, ENGINEER/ GIPCL shall get the work done by third party at the risk & cost of the CONTRACTOR with additional 10% overhead charges of GIPCL, including GST and all costs incurred in connection therewith shall be recoverable from the CONTRACTOR by the GIPCL /ENGINEER as a debt or may be deducted by him from any money due or to become due to the CONTRACTOR.



6. SETTLEMENT OF DISPUTES

- a. Any disputes or difference of opinion between parties arising out of the contract to the extent possible shall be settled amicably between the parties. If amicable settlement cannot be reached all the disputed issues shall be resolved through arbitration before a Sole Arbitrator appointed by Managing Director, GIPCL according to the provisions of The Arbitration And Conciliation (Amendment) Act, 2019, as amended from time to time. The place of arbitration shall be at Vadodara/ Surat or any other place within state of Gujarat.
- b. Work under the contract shall be continued by the contractor during arbitration proceedings unless GIPCL shall order suspension thereof or any part thereof in writing or unless the matter in such work cannot possibly be continued unless the decision of the Arbitration proceedings is obtained.

7. INTERPRETATION OF CLAUSE

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

8. EMPLOYEE'S COMPENSATION INSURANCE

Contractor shall take all risk Insurance Policy to cover all his workmen/employees, staff applicable under the Employee Compensation Act 1923 or any amendment thereof from time to time 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. 23 herein under.

9. STATUTORY REQUIREMENTS

a. COMPLIANCE OF LABOUR LAWS

The contractor shall at his own cost comply with the provision of labour 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 the followings.

1. Contractor shall be solely responsible and shall fully comply with all the provisions of all the labour laws applicable such as the Minimum Wages Act, 1948, Contract Labour (Regulation & Abolition) Act 1970, Factories Act, 1948, Payment of Bonus Act 1965, Employees Provident Fund and Miscellaneous Provision Act 1952, Industrial Dispute Act 1947, Workmen Compensation Act 1923, Payment of Gratuity 1972, Interstate Migrant Workmen Act 1979, Equal Remuneration Act with Rules, Order and Notifications issued/made there under and as amended from time to time.



2. All other Acts, Rules/Bye-Laws, Orders, Notifications etc. present or future applicable to the contractor from time to time for performing the contract job.
- 2.1. The Contractor shall provide and be responsible for payment of Wages, Salaries, Bonus, Social charges, Insurance, Food, Accommodation, Transport, Medical and Canteen facilities and other statutory privileges and facilities to his personnel as per law/rules/regulations and orders of the Central Government, State Government, Local Authorities or other authorities as are in force from time to time. All employees of the Contractor shall be employee of the Contractor.
- 2.2. The contractor shall have a valid license obtained from Licensing Authority under the Contract Labour (Regulation & Abolition) Act, 1970 as amended from time to time at the time of execution of the contract covering all his employees working at SLPP site and furnish the same failing which GIPCL may terminate the contract at its sole discretion.
- 2.3. The Contractor shall at the time of execution of the contract have a EPF Code Number obtained from the Authorities concerned under the Employees Provident & Miscellaneous Provisions Act, 1952, as amended from time to time and remit contributions in respect of the employees employed by him at SLPP Site to the P.F office concerned every month failing which GIPCL will recover from the outstanding payment to the contractor from GIPCL.PF code of Gujarat region should be taken.
- 2.4. The Contractor shall maintain all records/registers required to be maintained by him under various labour laws mentioned above and produce the same before the Statutory Authorities whenever required.
- 2.5. The Contractor shall also submit periodical reports / returns to the various statutory authorities such as those under the Contract Labour (Regulation & Abolition) Act-1970, Employees Provident Fund Act, as amended from time to time, etc., under intimation to HR & Admn. Dept.
- 2.6. The Contractor shall not pay less than the Minimum Wages notified by the Government from time to time to his employees of corresponding categories.
- 2.7. The Contractor shall be responsible for payment of overtime wages to his workmen, if any, in case they are required to work beyond the prescribed hours under law as per applicable rates.
- 2.8. The contractor shall take Workmen Compensation Insurance Policy for all his employees working at GIPCL. The contractor shall indemnify the company against any liability due to any work injury or accident to any of its employees.
- 2.9. The Contractor shall in the event any of his workmen / employee sustains any injury or disablement due to an accident arising out of and in the course of his employment, provide necessary medical treatment and pay compensation as applicable, required under the Workmen's Compensation Act, 1923 as amended from time to time.
- 2.10. If any of the persons engaged by the Contractor misbehave with any of the officials or the Company or commit any misconduct with regard to the property of the Company or suffer from any serious communicable disease, the Contractor shall replace them immediately.
- 2.11. The Contractor shall not engage / employ persons below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- 2.12. GIPCL will have right to deduct and disburse the claims of the individual / parties being a principal employer on any account whatsoever in relation to their employment with the contractor. The Security deposit will be released to the contractor at the end of the contractual tenure subject to an undertaking by the contractor that in the event any of his workmen or the heirs of workmen puts up a claim for recovery of money due to him from the contractor before the appropriate authority under the I.D.Act 1947 or under any other labour laws or for



compensation under the Workmen’s Compensation Act, 1923 as amended from time to time and the appropriate authority has given a direction for making payment the contractor will meet the same or indemnify GIPCL if in the event GIPCL pays it as Principal Employer.

- 2.13. The contractor shall make payment of wages to his employees on fixed date within the period specified under the applicable Law, in presence of representative of the company. He will submit a true copy of wage sheet, attendance register and P.F. remitted challans on monthly basis to HR&A dept. for verification and record.
- 2.14. The Contractor shall provide Safety items/kits to his employees such as safety shoes, goggle, ear plug, hand gloves, safety belt etc, if any, required under law.
- 2.15. The contractor shall conduct pre-induction and periodic medical checkup of his workmen as per applicable laws.
- 2.16. The contractor shall be solely responsible for any accident caused to his workers and should adhere to all rules / regulations as per labour laws of Government and other statutory laws as applicable.
- 2.17. The contractor should register himself under the Contract Labour Act, Employee Compensation Act and PF Act, as amended from time to time (Code no. to be mentioned) and submit the copy of registration certificate and should possess the same from the date of commencement of work, failing which the contract is liable to be cancelled. The E.C. Policy copy should be submitted to the GIPCL before commencement of the work and Labour License should be obtained within one week from the date of issue of form-V. Contractor should apply for Form-V immediately after receipt of LOI. A copy of Labour License shall be submitted to GIPCL, HR & A Department.
- 2.18. Contractor shall have to insure his workmen /supervisors etc. under Group Insurance scheme.
- 2.19. The Contractor shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of ‘Wages Act’, Minimum Wages Act’, Provident Fund Act, All Labour Laws Act, as amended from time to time in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulation, Acts, GIPCL reserves the right to recover the same from the running bill of the contract.
- 2.20. Documentary evidence of deposit of PF paid shall have to be produced by the contractor along with the next bill.
- 2.21. Records as per the provisions of various statutory Acts will have to be maintained by the contractor and submitted as and when required.
- 2.22. All employees of contractor should maintain due discipline and respect local sentiments. GIPCL reserves the right to direct the contractor to remove any such person who does not comply with it.
- 2.23. The list is indicative in nature and not an exhaustive one. Any amendment/alteration/Notifications or addition to the existing Law or a new statute shall automatically and immediately become applicable.
- 2.24. All laws, rules, regulations, notifications, etc. stated in this tender document shall be applicable as amended from time to time. Where applicable self-certified true copies of the required documents to be furnished, unless stated otherwise explicitly.



b. LEGAL ASPECTS

1. Contractor shall maintain all register required under the Labour Laws and make the payment as per the Minimum Wages Act, as amended from time to time to the workers employed by him/her.
2. Contractor shall obtain requisite license to carry out this contract under the provisions of Contract Labour Act, 1970, as amended from time to time 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, as amended from time to time 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, as amended from time to time, etc.
6. Contractor shall issue an appointment order to each casual labourer stating therein the nature of job to be performed by him/her 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/her for above work; however, GIPCL reserves the right to deduct any amount legally justified towards any liability not fulfilled.
8. Contractor shall indemnify GIPCL from any liabilities arising out of the employment of the manpower.
9. If the contractor fails to complete the allocated job within specified time frame, GIPCL shall get the work done by third party at the risk and cost of contractor.

10. PAYMENT OF WAGES

Contractor shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, Payment of Bonus Act, Labour Law Act, maternity benefit act, as amended from time to time 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/her to his employees/agencies 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.

11. ACCIDENT TO WORKMEN

Contractor shall be fully responsible for injury or death of any of your or third party workmen due to any act omission / indiscretion on contractor 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 contractor part.



12. **LIGHTING**

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

13. **NIGHT/SUNDAY/HOLIDAY SHIFT**

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

14. **SAFETY ASPECT**

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

When contractor moves his/her lifting tools and tackles to the plant area, required test certificates as per the Factories Act 1948, as amended from time to time and the state factories rules has to be submitted to safety Dept. Safety Dept. 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 Dept. Security Dept. will inform to Safety Dept., 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/her to safety Dept. Safety Dept. will check for quantity and quality of the safety gears and then allowed permission of work. Poor quality material will not be allowed to take inside the Plant. If quantity of required safety equipments is not satisfactory, contractor will not be allowed to carry out the work using such safety gears inside the Plant for the work.

15. **GENERAL SAFETY CLAUSES**

1. The Contractor shall observe and comply, with regard to his workmen working at the SLPP site, the safety norms as per the safety operating standards.
2. The Contractor shall ensure that his workmen are informed and trained regarding the safety standards to be adopted while operating within the SLPP Plant & Mines premises and the Contractor shall brief them regarding the same and use of the Personal Protective Equipment ('PPE').
3. The Contractor shall issue safety shoes and safety helmet of IS standard to all his workmen immediately on execution of the work and the contractor shall ensure that his workmen wears the protective equipments at all times during the work operation. Following brand of the safety shoes and helmet shall be issued to contract workmen. Contractor shall issue safety shoes every year.

Helmet :

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



Safety shoes :

SR. No.	Name of Manufacturer	Model
1	Acme Fabrik Plast Co.	SSTEELE (Strom) – Double Density
2	Acme Fabrik Plast Co.	TRIMAX(Adjacent) – Double Density
3	Favourite Safety Products.	Waves Nile D/D
4	Favourite Safety Products.	FSP Nile DD

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 registers 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, including GST.
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, as amended from time to time shall be submitted every year before using such tools and tackles. In case of purchase of new lifting tools and tackles, form no. 10 as per the said rules shall be submitted before they are taken into use. All lifting tools and tackles shall be of reputed make having International manufacturing standard and shall be maintained in proper and workable condition.
10. The Contractor shall nominate one Safety Officer with required qualification for supervising the daily job/ shutdown jobs for observing and maintaining the safety aspects at site. He is solely responsible for any safety measures during maintenance work. He has to ensure that all the workmen working at site are equipped with essential PPE's and proper safety arrangement is made at the SLPP site.
11. After mobilization of any tools & tackles to site, which includes chain pulley blocks, D-shackles, wire ropes, winch machines, Mobile crane, Hydra etc. shall be offered for inspection with all above statutory test certificate before using at site for any work. They should use all tools and tackles only after certification by GIPCL representative/safety officer.
12. When working at height, working on ceiling or roof covered with fragile materials, full body harness safety belt, ladders and crawling boards, fall arrester, etc. 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 amperes on welding machine and all portable power tools.
 17. The contractor shall fill – up Incident notification form (S-I), Incident Investigation form (S-II) and near miss report within time limit as specified in forms, if any accident, Incident, near miss occurred while working at SLPP site.
 18. Major AMC / ARC contractor (Where the man power strength is more than 50 and above) should appoint / nominate one qualified safety officer and he shall be responsible for addressing all the safety related aspects of execution of contract jobs and he will in close co ordination with safety officer of SLPP and attend all safety related meeting such as safety committee, on job safety training etc. Where the contractual man power is less than 50, the site incharge of the contractor will act as a safety officer and he will perform all the duties of safety officer as mentioned above.
 19. No loose connection / joints allowed in electrical cables during performance of any kind of job.
 20. Safety shoes to be issued to female employees also.
 21. All the vehicles shall be fit as per RTO guidelines and valid fitness certificate is required as per RTO guidelines.
 22. The Contractor's nominated safety officer shall be imparted regular on-job safety training like tool-box talk etc. and submit a record of such training in safety dept, respective dept and HR&A dept.
 23. The Contractor shall comply all the new requirements related with safety as informed by the HOD / Safety department from time to time.
 24. Penalty to be imposed for Violation of safety norms is proposed as follows:-

The Contractor & Contract workmen shall strictly adhere to Safety standards / Guidelines as per practices. The list provided below is an indicative list to explain the principles behind safety practice.

If the contract workmen fail to comply with safety standards as per category A, B & C below, penalty shall be levied on the contractor as per the table mentioned below:



Category	Classification	Examples / Cases	Penalty
A	PPEs Related	Working without helmet, shoes, safety belt, gloves etc.	Rs.100 /- per instant.
B	WI Related	<p>Failure to adhere to HSE guidelines/plans, careless attitude in material handling, Machine being used with damaged machine guard, unsafe electrical work - workout plug top/improper electrical joints/cables lying on ground, electrical equipment working without proper earthing, machine being used without machine guard, Welding machine without ELCB / RCCB of proper rating, Gas cylinder without test certificate, Cylinder cap, NRV / Flash back arrester, Cylinder trolley etc.</p> <p>Unsafe working practices at height more than 3 meters</p> <p>Working without permit or non-compliance with permit conditions like hot work, height work etc. as applicable, lifting tools and tackles being used without third party inspection certificates in form no. 9/10 as per Factories 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/contract with GIPCL-SLPP.
C	Unsafe Practices	Breach of safe practices by a particular person repeatedly for three times.	<p>Suspend the entry gate pass for one week.</p> <p>After two suspensions his gate pass will be cancelled.</p>

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

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



15.1 GENERAL ELECTRICAL SAFETY RULES & REGULATIONS

Electrical safety

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



- r. Cable between welding machine to GIPCL power supply point should have cable TOP plug towards GIPCL power supply point of Make BALS having rating as 63 Amp.

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

16. 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's Engr./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.

17. GENERAL TERMS AND CONDITIONS

- a. All tools & tackles, labours, supervisors, materials **(except specifically specified free issue materials under respective items of SoR in Section-E like cement, steel, etc...)**, consumable items, equipments, 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 depute full time independent experienced site-in-charge and independent site supervisors/Engineer at site. They shall co-ordinate with GIPCL engineer and shall bear overall responsibility of contract including taking daily work instructions, work permits, gate-pass, receipt of MIV & specified free issue material from GIPCL store, site executions, maintaining records of work, material, inward challans, gate-pass, joint measurement recording, billing etc... Such person shall function from site office of contractor at SLPP.
- e. Contractor shall also nominate one safety supervisor at site and shall submit nomination of safety supervisor in writing before commencement of contract. Safety supervisor shall arrange small safety talk on every day morning or whenever required with all workers working under this contract. He shall coordinate with concern department's Engineer-in-charge on daily basis and report daily



observations, tool-box talk records etc. The work shall not be allowed without deploying safety supervisor and a penalty equal to Rs.1,000/- per day absent of safety supervisor shall be levied from Contractor.

- f. Contractor shall strictly follow the existing work permit system of the GIPCL and any future revisions.
- g. The contractor has to take EC insurance policy for their workmen. The contractor has to submit labour license (if applicable) and PF account number to the Engineer-in-charge before start the work.
- h. 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 10% overhead charges.
- i. 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 10% overhead charges including GST.
- j. Contractor should mobilize all resources for efficient & smooth execution of contract within seven to fifteen days from the date of issue of Letter of Intent/Work Order.
- k. The prices / item rates quoted (based on quoted % above/equal or below SoR) shall remain firm till completion of the contract and any agreed extensions thereafter and shall not be subject to any escalation, idle charges for labour, 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/Engineer, 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.
- l. 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, safety hand gloves, safety belts, fall arrestors, other required safety tools, 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 above clause no. 15) and/or termination of contract.
- m. One or more jobs may be required to be done simultaneously and contractor shall mobilize additional resources accordingly.
- n. 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.
- o. 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.
- p. The contractor has to submit daily reports / information of work carried out with details of available manpower, equipments / material etc... as directed by Engineer-in-charge.



- q. 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.
- r. 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, as amended from time to time. 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.
- s. 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.
- t. GIPCL is an ISO 9001-2015 (Quality), ISO 14001-2015 (Environment), 45001-2018 (OH&S) and 50001-2018 (EnMS) certified company, and GIPCL gives extreme importance to maintain these global standards. Contractor shall be required to observe these standards as amended time to time while working with GIPCL. Contractor should ensure that his workmen/labour work in accordance with them.

18. CONTRACTOR'S SUPERVISION

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

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

The CONTRACTOR shall employ in or about execution of the work only such persons as area careful, skilled and experienced in their respective trades, and the GIPCL shall be at liberty to object to and require the CONTRACTOR to remove any person employed by the CONTRACTOR in or about execution of works who in the opinion of the ENGINEER misconducts himself or is incompetent or negligent in the proper performance of his duties and all such persons shall not again be employed upon the works without the prior permission of the GIPCL. Neither the CONTRACTOR and the PURCHASER nor the ENGINEER shall hire or employ any employee of the other party except by mutual consent.



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

All loose materials, wastage, packing materials, empty paint drums, 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 & remove scaffolding materials 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.

20. FACILITIES TO BE PROVIDED BY GIPCL

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

- a. Electricity & water at nearest available one point. Further distribution to be done by contractor at their cost.
- b. Quarter/room & food for supervisors/engineers on chargeable basis in GIPCL's township as available. Food on chargeable basis at GIPCL's Industrial Canteen as available. If not available, contractor to make his own arrangement for lodging and boarding locally or as appropriate at his cost.
- c. Workshop facility as available at site only. However contractor may visit the workshop to ensure the existing facility. For the facilities other than available, contractor has to carry out the job outside at their own cost.
- d. GIPCL may also provide free hydra (based on availability) only for shifting of heavy structural plates, beams, etc... and also erection of heavy structures, etc... on discretion & directives of Engineer-in charge of GIPCL.
- e. Space for contractor's office & store as decided by GIPCL based on availability.
- f. First aid facilities as available on chargeable basis. If not available contractor to make his own arrangement for the same locally or as appropriate at his cost.

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.

21. WORK CERTIFICATION

- a. The work to be performed being a specialized nature, the contractor should be fully conversant with modern practices and should be able to carry out works independently of large thermal power plant. The contractor shall therefore be required to engage qualified/ experienced personnel to undertake the work as per specifications and requirement.
- b. Contractor should maintain one computer with printer for keeping daily records and maintain the data.



- c. All the work measurements shall be jointly recorded in a measurement sheet/register/relevant documents by the contractor / authorized representative of the contractor and the Engineer-in-charge.
- d. The measurements shall be clearly written indicating date of measurement, location, reference to drawings, if any and jointly signed.
- e. The Contractor shall be required to furnish satisfactory job completion report to GIPCL. The submission of report should be on daily basis for executed works. The monthly bill payment shall be released based on the certified reports of the works.
- f. Inspection of work will be done by Engineer in Charge or his authorized representative. If the work is not found satisfactory engineer in charge reserves the right to take suitable action and shall be binding to the contractor.

22. 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.

23. 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.

24. 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.

25. 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.

26. 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.

- 27.** 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 or variance.



SECTION-D

SPECIAL CONDITIONS OF CONTRACT

1. DETAIL SCOPE OF WORK

1.1 PART-A TO K (CIVIL WORKS)

The scope of work covered in general comprises Civil works, maintenance & repairing works like dismantling, excavation, concreting, bar bending & fixing, shuttering, roads, Industrial building maintenance works, Industrial civil maintenance & repairing jobs, plumbing & sanitary works, furniture works & maintenance, doors, windows, painting works, water proofing, specialized structure repairs, acid resistance lining, etc... at various locations of Power Plant (SLPP), outside Plant area like but not limited to ELHS, Raw Water Pipeline, Intake-well premises & Pump house at Village Bodhan & Patna, various Mines area (Vastan, Mangrol & Valia), 05MW & 01MW Solar Plant areas and also SLPP colony as per requirements of GIPCL, as per specifications, nomenclature of Schedule of Rates (Section-E) and as directed by Engineer-in-charge.

GENERAL SPECIFICATIONS FOR CIVIL WORKS

A. DISMANTLING WORK.

1. Dismantling work shall be carried out on controlled manner as directed by Engineer-in-charge.
2. Before starting of any dismantling work, Contractor shall take permission from Engineer-in charge.
3. In case of emergency work of dismantling, Contractor shall arrange compressor with breaker within 24 hours' time. No additional payment shall be made for dismantling done using breaker, except if breaker supply is required.
4. The rate of dismantling is including cost of labour, material, tools & tackles, breaker, disposal of debris to outside designated locations etc... complete.

B. EARTHWORK, FILLING, DRESSING

1. The scope of work for earth work, filling, dressing is as per item nomenclature.
2. The rate of earth work, filling, and dressing is including cost of labour, material, tools & tackles, auger, JCB, etc.
3. Contractor shall take prior permit to start any excavation work to avoid damage of cable & safety of person working.
4. Due to negligence of Contractor, if any damage found in cable/pipe, the repairing/replacement charges shall be recovered from the contractor's bills.
5. Contractor shall maintain level record for measurement of excavation in case of major excavation as required by Engineer-in-charge.
6. Surplus excavated stuff shall be disposed outside premises.

C. FOUNDATION & CONCRETE WORK

1. The scope of work for foundation & concrete works at various locations is as per item nomenclature.
2. The rate of foundation & concrete work is including cost of all labour, materials (except free issue of cement & steel), tools & tackles, equipment, etc.



3. Contractor shall get approval of sample of material from Engineer-in-charge before actual supply at site for work.
4. Contractor shall maintain their equipment in running condition with standby arrangement.
5. Contractor shall prepare pour card and get sign from GIPCL engineer before pouring of any major / important concrete work.
6. Contractor shall keep required equipment/testing apparatus at site for quality check of materials & concrete.
7. Chairs provided in RCC work shall be considered only for reconciliation purpose.

D. BRICK WORK, RR MASONRY PLASTER, FLOORING

1. The scope of work for brick work, RR masonry, plaster, flooring work at various locations is as per item nomenclature. Contractor shall arrange required skilled mason for tiling works at various area of Plant. Contractor shall arrange skilled mason for tiling works on as & when required basis (maximum within 07 days from the date of intimation).
2. The rate of brick work, RR masonry, plaster, flooring etc., is including cost of all labour, materials (except free issue of cement), tools & tackles, equipment, etc.
3. Contractor shall arrange required quantity material for given job.
4. Contractor shall get approval of sample of material from Engineer-in-charge before actual supply at site for work.
5. Contractor shall use standard approved brand material only in work.

E&F. DOOR, WINDOWS, FURNITURE, PARTITION, ROLLING SHUTTER, CEILING, ETC...

1. The scope of work for category E and F for work at various locations shall be as per item nomenclature. Contractor shall arrange furniture carpenter / outsourced specialized agency on as & when required basis (maximum within 03 days from the date of intimation).
2. The rates of work are including cost of all labour, materials (except for labour rate items), tools, Tackles, equipment, etc., and as per item nomenclature.
3. In case of replacement of existing doors, windows, the contractor shall dismantle the same and handover to GIPCL or dispose to scrap yard.
4. Contractor shall get approval of the sample of all materials from Engineer-in-charge before actual supply at site for work.
5. Contractor shall provide only branded standard fixtures & fasteners duly approved by GIPCL prior to implementing

G. PAINTING

1. The scope of work for painting work at various locations is as per item nomenclature.
2. The rate of painting work is including cost of all labour, all materials (except for specific items for which paint materials will be issued by GIPCL), tools, Tackles, equipment, etc... which also includes separate items with free issue of paint from GIPCL.
3. Contractor shall maintain record of surface preparation & each coat of painting.
4. Contractor shall get approval of sample of material from Engineer-in-charge before actual supply at site for work.
5. Contractor shall use standard approved brand material only in work.



H. WATER SUPPLY AND SANITARY WORKS

1. The scope of work for Water Supply and Sanitary Works at various locations is as per item nomenclature. Contractor shall arrange Plumber on as & when required basis for need based specific requirements (within maximum 03 days from the date of intimation). Contractor shall also mobilize a plumber for day to day requirements.
2. The rate of Water Supply and Sanitary Works is including cost of all labour, materials (except specifically mentioned free issue of material in item nomenclature), tools, Tackles, equipment, etc.
3. In case of replacement of existing material etc..., contractor shall remove the same and handover to GIPCL or dispose to scrap yard.
4. Contractor shall get approval of sample of material from Engineer-in-charge before actual supply at site for work.
5. Contractor shall use standard approved brand material only in work.

I. ROAD WORKS

1. The scope of work for Road Works at various locations is as per item nomenclature.
2. The rate of Road Works is including cost of all labour, materials, bitumen, tools, Tackles, equipment, etc.
3. In case of repairing of existing road, contractor shall remove the damaged surface and dispose off the debris outside the plant premises.
4. Contractor shall arrange required manpower & equipment including road roller to carry out the road work.
5. Contractor shall use standard approved brand bitumen in work.

J. SPECIALIZED STRUCTURE REPAIRS/ WATER PROOFING TREATMENT

1. The scope of work for specialized Civil structure repairs, grouting & repair of equipment base/foundation/RCC wall/Expansion joints, waterproofing treatment at various locations, etc... is as per item nomenclature.
2. The rates are including cost of all labour, materials, chemicals, tools, tackles, equipment, etc.
3. Contractor shall carry out such repairing through specialized experienced & proven applicators with standard specified materials only as per technical specifications and as per manufacturer's recommendations.
4. Contractor shall arrange required manpower & equipment to carry out the work.

K. MISCELLANEOUS WORK

1. The scope of work for misc. works at various locations is as per item nomenclature.
2. The rate of misc. work is including cost of all labour, materials, tools, tackles, equipment, etc.
3. Contractor shall arrange required manpower & equipment to carry out the misc. works.



4. Contractor shall use standard approved brand material in work. The necessary approval shall be taken from Engineer-in-charge before supply of same.

1.2 PART-M (STRUCTURAL STEEL WORKS)

The scope of work covered in general comprises various structural maintenance & repairing works and/or fabrication & erection works from steel members made out with rolled steel section and/or plates conforming to IS 2062 or using members fabricated from M.S. square members confirming to IS 4923 for various work in power plant, Mines, solar plant, Pump house, etc... The scope of work includes providing, supplying, detailing, fabrication, transporting to site and erecting in position at all height/elevation including all operation such as cutting, straightening, grinding, welding, fixing in line & level at all elevation, providing erection / permanent bolts, nuts, washers etc. complete, including preparation / cleaning of surfaces with wire brush / mechanical means and providing a shop coat of red oxide, zinc chromate, primer, final painting after erection as per detail specifications.

The other scope of work for GI/Galvalume sheeting and other misc. work as per detailed description given in item nomenclature of SoR. Work also includes dismantling of existing structure as per detail specifications. Supply of all material including structure steel, GI sheet, Galvalume sheet, acrylic sheet (except specifically mentioned free issue materials in particular item) & paint materials are in the scope of contractors. Supply of consumables like welding rods of approved quality, gas cylinders, DA cylinders, paints & primers, J hooks, nut, washers, bolts, anchor bolts, accessories, fasteners and related tools & tackles shall be in the scope of contractor as per detail item specifications. The addition / deletion to scope of work depend on requirement of work and work performance of contractor.

1.3 GENERAL SCOPE OF WORK:

All the works should be carried out on item rate basis as per specifications & detail item description of SoR (Section-E).

Contractor shall carryout the work as given in tender documents within provided time period for particular job and the works shall conform to high standards of engineering, design, workmanship, quality, proper line, level and as directed by Engineer-in-charge. Contractor should keep mobilized his manpower & resources to attend day to day maintenance requirements, apart from specific mobilization on need basis for specific job works, special repairs works, etc...

Contractor shall nominate independent supervisors to receive day to day civil maintenance and other civil work requirements from Engineer-in-charge. Supervisors will coordinate with user department to ascertain their exact requirement and location of work, issuing daily work permits etc. They will be responsible for mobilization of manpower, materials, tools & tackles and other required resources to carry out the work as per requirement and also responsible to take field measurements, mentioning SoR item no. & exact work location, jointly with supervisor of GIPCL in measurement register (Annexure-K in Section-F of Tender) on daily basis and shall submit the register to the Engineer-in-charge for their verification on daily basis.



Note: All materials supplied by contractor under this contract shall be of standard manufacturer and of standard quality. The sample of materials shall have to be approved by engineer-in-charge before supply at site.

It is not the intent to specify herein all the works in the scope of all above works of this contract. The scope also includes all works necessary, which are not specifically mentioned here but required, for effective execution of entire scope of work in all respect within time bound periods and are deemed to be included in the scope of the CONTRACTOR. All works shall conform to the specifications, safety norms, legal & statutory requirements.

Contractor shall also keep & maintain at site all the required statutory documents of all his provided equipments, operators & drivers, valid legal documents like copies of RC book, PUC certificate, Vehicle insurance policy, Vehicle fitness certificate (as applicable), valid driving license etc... and shall produce the same whenever demanded by Engineer-in-charge. The RTO passing of vehicles with trailers & hydraulic trolleys shall not be more than six years.

1.4 FREE ISSUE MATERIALS BY GIPCL & RECONCILIATION

The rates are with specified free issued materials by GIPCL (as mentioned in specific items of SoR in Section-E of this Tender document) like reinforcement steel, cement, structural steel, plumbing & sanitary items, carpentry items/spares, roof sheets, Fly ash/Bed ash or Bed material, Rubble stones, etc... unless otherwise specified in the items. Providing safe storage for such GIPCL's free issued items/materials shall be in the scope of contractor.

Contractor should cooperate with GIPCL in case of any intermittent delay in issuing of such free issued materials due to unavailability of desired item/material with GIPCL for any instance. Contractor should follow instructions of Engineer-in-charge to continue given scope of works as per directives of GIPCL.

All specific free issue materials shall be given either from GIPCL store or storage area or silo area on specific request by contractor. Necessary loading, unloading, transportation & safe storage of free issue materials is in the scope of contractor (Bed material will be provided at suitable location near work site within Plant premises).

However, GIPCL will arrange transportation of GIPCL's issued materials for works to be carried out at Intake-Well Pump house & Raw Water Pipeline, based on availability and GIPCL shall not be responsible for any interruptions, idle labour etc... due to delay in making such arrangement. Contractor shall make his own arrangements for loading & unloading of material and contractor shall be responsible for safety of the material during transportation & handling and safe storage at site.

Free issued materials/items from GIPCL store shall be issued through MIV (Material Issue Voucher) and excess or returnable items shall be returned through MRV (Material Return Voucher). Contractor shall submit official nomination & authorization of his person/s in writing for collection of MIV/MRV from Civil department and for receipt of materials from store. If there any change in MIV quantity & actual issued quantity, such authorized person should inform to concern Engineer-in-charge immediately.



Also, the authorized person of contractor should maintain the records of GIPCL's free issued materials/items in proper register stating date of issue, purpose & location, date of utilization, utilized quantity and balance stock on regular basis as directed by Engineer-in-charge and submit the same, duly authorized, to Engineer-in-charge whenever demanded.

Reinforcement steel & Structural steel shall be issued on weight basis and cement shall be issued in no. of 50 kg bags from GIPCL store. The reconciliation of free issue materials shall be done as under:-

- i. The contractor shall keep an up to date record of the materials issued by GIPCL and consumed on the work, in daily register. The contractor shall also submit weekly statements for actual consumption of such materials and stock position with him as required by Engineer-in-charge. The actual consumption shall be calculated based on theoretical quantities worked out from drawing issued by engineer and/or as jointly recorded measurements on site.
- ii. In case of any differences is observed in consumed quantity & stock position against issued quantity during any point of time, GIPCL may propose to hold / retain the amount at prevailing market rate of such material from respective RA bill of contractor and same shall be regularized/adjusted during final reconciliation.
- iii. Contractor shall utilize entire steel issued to them by providing necessary splices / lapping. The un-avoidable cut balance up to 03% of consumed quantity shall be returned to GIPCL store by weight basis and for this no amount will be recovered.
- iv. Final recovery of unaccounted quantities of free issued steel & cement will be done at the time of processing of final bill. The recovery of balance/unaccounted quantity of steel above 3% will be made @ Rs.67,000/- per MT or at prevailing market rate, whichever will be higher. For cement, the recovery shall be affected at the rate of Rs.360/- per bag or at prevailing market rate, whichever will be higher for quantities above theoretical consumption.
- v. No unaccountable wastage will be allowed. No allowance shall be given for rolling tolerance, burning, due to cutting. Contractor shall give account for entire quantity of steel issued to him i.e. no invisible wastage will be considered / allowed.
- vi. Reconciliation of free issued cement will be made based on following item wise cement consumption factors which are indicative and the final decision of Engineer-in-charge will be binding to the Contractor.

SR. NO.	Item Description	Unit	Cement consumption in Kg per unit
1	Rubble pointing in 1:4	cum	4.00
2	PCC 1:4:8	cum	170.00
3	PCC 1:2:4	cum	340.00
4	RCC M20	cum	370.00 or Design Mix
5	RCC M25	cum	400.00 or Design Mix
6	Bolt grout	no.	2.50



SR. NO.	Item Description	Unit	Cement consumption in Kg per unit
7	RCC M30	cum	420.00 or Design Mix
8	1:4 Screed Concrete	Sqm	30.00
9	Rubble masonry in 1:6	cum	115.00
10	Brickwork 1:5	cum	77.50
11	Brickwork 1:5	sqm	11.00
12	13mm plaster	sqm	6.00
13	6mm plaster	sqm	3.50
14	20mm plaster	sqm	9.50
15	Pointing 1:3	Sqm	3.50
16	Vata 100x100 triangular 1:2	RM	5.00
17	Brick flooring	Sqm	10.50
18	40mm IPS 1:2:6	sqm	16.50
19	Tiles fixing	sqm	6.00
20	Kota stone flooring	Sqm	10.00
21	Vata less than above size	RM	2.50
22	Fencing pole grout	No.	21.00
23	Closing holes	No.	10.00
24	RCC hume pipe laying	RM	12.50
25	Curb stone fixing	RM	5.00
26	Crack repairing	RM	5.00

NOTE FOR RECONCILIATION OF GIPCL'S FREE ISSUED MATERIALS:

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

1.5 SPECIFIC REQUIREMENT

Contractor shall possess sufficient nos. of all required good quality standard machineries/equipments and tools & tackles for Civil & structural constructions & fabrications, repairs & maintenance like but not limited to Tractor with trolley, Concrete mixer machine, weigh batcher, Concrete vibrators (needle as well as surface vibrators of required size), compactor, dewatering pumps, Concrete breaker machines, Welding machines, Gas cutting set, Welding rods, Mechanical grinders, plumbing kit, carpentry kit, hand cart/trolley for internal shifting of tools, lifting tools & tackles like ropes, chain pulley, field test apparatus, etc. and same will be deployed for this work exclusively during the contract period.

The contractor shall submit list of available machineries, equipments and tools & tackles at site on monthly basis or as required by Engineer-in-charge.



In case of those shortfall, which may affect the quality & progress of work, GIPCL reserve the rights to impose penalty / recovery / retention from RA bills as decided by Engineer-in-charge in line with quantum of works being affected.

To fulfil day to day requirements of various works under this contract, the contractor is also required to maintain a set of tools & tackles in good working condition at site. The tentative list of such tools & tackles is listed herein under which is not exhaustive.

LIST OF REQUIRED EQUIPMENTS, TOOLS & TACKLES

Sr. No.	Description	Probable Quantity
1.	Concrete Mixer Machine	1 no.
2.	Electronic Concrete vibrator	2 no.
3.	Vibrator needles (60 mm)	2 no.
4.	Vibrator needles (40 mm)	1 no.
5.	Shuttering material	150 sqm
6.	Staging & Scaffolding material	As per requirement
7.	Dewatering pump with hose pipe	1 no.
8.	Concrete cube mould	6 nos.
9.	Concrete drill machine	1 no.
10.	Tractor with trolley	1 no.
11.	Hand trolley / Hand cart	2 nos.
12.	Complete tool kit for plumbing work	1 set
13.	Complete tool kit for carpentry work	1 set
14.	Diamond cutter / Tool kit for glass work	1 set
15.	Hand lamp with holder & 100 Meter four core cable	2 set
16.	Road roller / JCB	As per requirement
17.	Plate vibrator	1 no.
18.	Concrete breaker machine	1 no.
19.	Earth compactor	1 no.
20.	Auto level with staff	1 set
21.	Ladder up to 10 meter	1 no.
22.	Welding Machine with flash back arrestor	2 nos.
23.	Power supply cable	100 RM
24.	Gas cutting set	2 nos.
25.	Mechanical grinder	2 no.

NOTE:- The Contractor shall note that above list is not exhaustive and if any additional tools & tackles or equipment, machinery etc., are required for proper performance of the contract, the contractor shall also arrange the same immediately without any extra cost to GIPCL.

1.6 FAILURE DURING EMERGENCY

During any emergencies, contractor shall have to carry out given works by deploying additional resources within four-hour notice period failing which GIPCL reserves the right to carry out this work by engaging other party or may impose appropriate penalty in lieu of any direct or indirect losses occurred.



The expenditure occurred due to such situations, the Contractor will be held responsible and the same will be recovered from the Contractor's monthly bill / any other pending bills/available dues along with 10% overhead charges with GST.

For repetitive failure in completion of specific works in specific time line for more than three 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.

1.7 SPILLAGE OF MATERIAL

Contractor shall take due care to avoid any spillage of material while loading / transporting / handling. To avoid spillage of material, overloading / heaping shall be avoided by the contractors. Trolleys/trailers/Transport carrier shall be in good condition & leak proof to avoid any leakage of materials.

In case of any spillage, contractor shall have to remove such carriers immediately from site and contractor shall be responsible to clean up that area at their cost otherwise GIPCL shall get the work done by other agency at contractor's risk and cost with additional 10% overhead charges with GST.

1.8 DISPOSAL OF MATERIAL

Contractor shall be responsible for removal and disposal of surplus material, debris, excavated stuff, disposable scrap, etc... outside premises or at designated locations as per prevailing GPCB norms. GIPCL will not be held responsible for any subsequent consequences regarding improper disposal of material.

Other scrap shall be disposed in GIPCL's scrap yard as directed by Engineer-in-charge (record of such scrap disposal should be maintained duly authorized by GIPCL in standard format).

Contractor shall be required to submit written undertaking along with the final bill that all the material is disposed off at outside plant premises or at designated location as per prevailing Government guideline and contractor shall indemnify, keep harmless the GIPCL against any future liabilities or consequences in this regard. Contractor's final bill shall be processed only after receipt of letter of undertaking by the contractor.

1.9 SCOPE OF CONTRACTOR

1. All tools & tackles, materials (except specified free issue materials for specific items of SoR), manpower, equipments etc to execute the contract will be in the scope of the contractor. The contractor should ensure for healthiness/working conditions of tools, tackles & equipments.
2. All approved consumable items like cloth, cotton waste, kerosene, gas, diesel, petrol, lubricants, welding electrodes, fixtures, fasteners, spares, etc will be in the scope of the contractor.
3. All safety/PPEs required during work at site are to be arranged by the contractor.
4. The Contractor shall have to provide necessary facilities including accommodation for their labour at their own cost.



5. Contractor has to depute their full time experienced site-in-charge & independent supervisors/Engineers for work execution as per specifications and for day to day work planning & coordination with concern Engineer-in-charge, to obtain day to day Location wise work permits, to receive MIVs & materials issued by GIPCL as per scope & availability, to get daily location wise work supervision, to record Location wise joint work done reports/measurements, to prepare bills, to prepare & apply manpower gate pass, to maintain statutory & legal compliance records, etc...

1.10 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.

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

1.11 DAILY DIARY AND PROGRESS REPORT

A daily progress shall be provided to Engineer-in-charge. The CONTRACTOR will supply general information every day at 9:00 hours for the day preceding. Day to day instructions will be conveyed by GIPCL concern Engineer-in-charge to contractor's authorized site-in-charge / supervisor/s and contractor shall acknowledge same and submit compliance on it as per requirement.

A work instruction book may be maintained by contractor for proper accounting & follow-ups. The CONTRACTOR'S representative shall report every day to see these instructions and acknowledge them. Such instructions / reports may also be executed / maintained digitally if desired.

The CONTRACTOR shall supply all information regarding availability of manpower, equipments, tools, etc... and progress of work, as is required by the ENGINEER for compiling the ongoing progress of work.

2. PRICE & RATES

This is SoR based tender and final item rates will be derived based on final offered lowest price received through e-Reverse Auction on gross total price (including GST). Pro-rata reduction will be applied in the quoted price for all the items of SoR after price discovery through e-Reverse Auction. The item rates so derived shall be inclusive of cost of skilled and/or unskilled labour, supervisors, Engineers, safety supervisor, insurance, safety PPEs & site safety arrangements, standard approved safety equipments, all tools & tackles, equipments & machineries, spares & maintenance, staging, shuttering & scaffolding materials, hiring costs of specific job work related equipments & outsourcing of specific experienced agencies, all materials (except specifically specified free issue materials under respective item of



SoR in Section-E like cement, steel, etc...), survey works, visits at specific locations for work identification, transportation, communication, mobilization-demobilization, loading-unloading & proper safe storage of all the items, security & safety, fuel & consumables, idle charges of labours, operators, drivers, machineries, equipments whatsoever during unavailability of work front or holding of work permit or due to unavoidable circumstances or any other reasons whatsoever, all taxes & duties (applicable GST shall be quoted separately in online price bid), Royalties, Rents, Excise duty, Sales Tax, Stamp Duties, Central or State Government or Local body or Municipal Taxes or Duties, Turn over Tax, Work Contract Tax, VAT, Octroi duty and / or any other duty / tax levied by the Central, State Government or other Public bodies etc... and such other costs that are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work.

The whole item rates shall be deemed to include for everything mentioned in the specification, all leads & lifts, contractor's overheads & profits for due performance of the work under this contract and such other costs that are not specifically mentioned herein but will be incurred by the contractor for the satisfactory and timely completion of the work. The rates shall also include cost for mobilization / demobilization of manpower, equipments, materials, etc... as per work requirement.

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

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

Contractor shall at his expense comply with all labour and industrial laws and such other acts and statutes as amended from time to time as may be applicable to this contract in respect to pay etc. On account of any default in respect of all liabilities and in case of non compliance of the above, the company can withhold their payments till all legal liabilities are discharged.

The offer price shall be considering mobilization of all required manpower, tools & tackles, materials, equipment, vehicles, consumables, etc... for timely and satisfactory completion of all scope of work.

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

3. CONTRACT PERIOD

- 3.1 Contract period will two years from the date of commencement (mobilization period will be about 07 to 15 days from the date of issue of Lol or Work Order whichever earlier).



- 3.2 GIPCL reserves the right to extend the Contract Period up to further 03 (Three) months at the same rates, terms & conditions without any price escalation and without entering into any new contract.
- 3.3 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, terms & condition or at negotiated rates acceptable by both parties i.e. the Company & the Contractor.
- 3.4 GIPCL reserve the right to short close the contract any time by giving one month notice period without assigning any reason whatsoever.

4. TERMS OF PAYMENT

A. Conditions of Payment:

The contractor shall raise the running invoices on monthly/quarterly basis or at least when completed work done value (including all taxes) reaches up to Rs.15/- Lakh in duplicate, one original in physical form and soft copy in MS Excel format (soft copy of measurement sheets & bill abstract with original joint measurement records shall be submitted one week prior to submission of bill/invoice) as directed by Engineer-in-charge in respect of the work performed or completed along with the documents as mentioned hereinafter & in subsequent clauses.

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) Contract Security deposit/irrevocable PBG at 10% of annual contract value (excluding GST) shall be submitted as per clause no.: 1 of Section-C.
- (iii) GST shall be paid along with bills after fulfillment of following terms.
 - (a) Submission of copy of registration certificate issued by GST Authority (to be furnished only once).
 - (b) Citing the GST Registration no., HSN/SAC Code and the date of issue of registration certificate on invoices.
 - (c) Citing GIPCL's GST no. along with contractor's GST registration no. and the date of issue of registration certificate on invoices.
 - (d) Claim of GST amount with percentage (%) separately shown on the invoices.
 - (e) The contractor shall be required to submit the proof of payment of GST of previous month/quarter, as may be applicable as & when demanded by GIPCL/Owner/company.
 - (f) Contractor shall inform the GIPCL in the event of its registration certificate is cancelled or discontinued for whatsoever reason.
 - (g) The contractor shall also mention on their invoice the HSN/SAC code as applicable under the GST laws under which GST is levied and a self-certified authentic third-party evidence (www.cbic-gst.gov.in) shall be adduced to that effect by the contractor.
- (iv) At the time of submission of the first RA Bill, the Contractor shall submit a certificate from Engineer-in-charge regarding availability of tools & tackles,



equipments, vehicles, etc at site as per requirement of contract. The Contractor shall also furnish the checklist as per **ANNEXURE-A** enclosed with the Section-F of tender document along with the RA bill of respective month as applicable.

- (v) While making running account payment, the following deductions may be made by GIPCL, if applicable:
 - a. Cost of materials issued, if any, by GIPCL and to the extent consumed in the work.
 - b. Security deposit recoverable if any.
 - c. Advance on materials / work progress advance payments, if any.
 - d. LD/Penalty for delayed delivery, penalty for delayed execution of work, recovery of charges for the work done by other contractor due to delay or any other reason, if applicable
 - e. Any other dues recoverable by GIPCL from the contractor under the contract.
- (vi) The contractor, along with monthly RA/final bill shall submit copy of P.F. Challan, wages register, attendance sheet & ECR statement indicating the employee and employer's P.F contribution with respect of employees employed by him for the contract at GIPCL site along with format for submission of these documents provided in Section-F (Annexure-I).
- (vii) The Contractor shall submit his Final Bill within a period of four months of the expiration or earlier termination of the contract or any extensions that may be granted by GIPCL to the Contractor. GIPCL shall not entertain any bill for any work item after expiration of period of four months. After the final bill amount is certified by GIPCL for payment and the same is made known to the contractor by GIPCL & accepted by contractor, "No claim - No arbitration certificate" to be submitted to GIPCL to release the Final Bill.
- (viii) The Contractor shall include all his claims in the Final Bill submitted by him and accordingly the final bill submitted by the Contractor shall be deemed to be inclusive of all and whatsoever the claims that the Contractor may have from GIPCL. The Contractor shall not be entitled to claim any amounts which are not mentioned in the Final Bill and the Contractor shall be deemed to have waived any claims not mentioned in the Final Bill and shall not be entitled to recover the same from GIPCL subsequent to the submission of the Final Bill on any account and GIPCL shall stand absolved of all its liabilities in respect of any such claims not raised by the Contractor in his Final Bill.

B. Validity and Uniformity of Rates

The rates shall be valid and shall remain unaltered and firm for the Contract Period and for any agreed extension thereof.

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 (JMR) & bill abstract** duly signed by authorized representative of contractor and GIPCL Engineer in **standard format as per sample Performa provided as Annexure-K in Section-F**.



- (ii) Material gate entry pass duly signed and stamped by gate security of plant for major materials supplied by contractor as directed by Engineer-in-charge.
- (iii) Material receipt statements for GIPCL's free issued Cement & steel.
- (iv) Material test reports, field test reports etc... as per GIPCL's approved quality plan for specific major works or as directed by Engineer-in-charge.
- (v) Any other required documents and/or records in support of claim made by contractor in his bill as directed by Engineer-in-charge.

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

6. SUBMISSION OF STATUTORY COMPLIANCES WITH EACH BILL

Contractor shall submit the bill/s 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, TRRN confirmation by EPFO/Bank, Bank statement, etc... along wage certificate pertaining to respective bill period / previous month/s of bill period with Annexure-I provided in Section-F.
- (ii) Notarized Indemnity Bond in case of Final bill.
- (iii) No claim - No arbitration certificate as per Performa (Annexure-D in Section-F), after the final bill amount is certified by GIPCL for payment and the same is made known to the contractor by GIPCL & accepted by the contractor.
- (iv) Final material reconciliations for free supplied Cement, reinforcement steel and structural steel with final bill.

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

7. MEASUREMENT & DAILY REPORTS

All the items shall be measured as finished work as per the item nomenclature of SoR and accordance with IS practice.

The contractor shall be required to furnish satisfactory job completion report and joint record of measurements to GIPCL. Joint measurement recording shall be done immediately on completion of specific work of specific item of SoR. In the bills, payment shall be released, based on the joint measurement records (JMR) of the works. Standard format for Joint Measurement Record (JMR) is provided as Annexure-K in Section-F of this document. On receipt of Lol/Work Order, Contractor shall be required to arrange at his own cost preprinted serially numbered duplicate measurement books as per this format for joint measurement recording purpose. Original Joint Measurement Record (JMR) shall be submitted with the bill/s. Reference of JMR Book No. & Page No. shall be mentioned against each measurement mentioned in the excel measurement sheet.

To derive weight of final fabricated structure as well as reinforcement steel, the standard theoretical unit weight will be considered without any rolling tolerance.

For timely compilation of measurements and billing;

- 7.1 Contractor should maintain one computer with printer for keeping daily records and to maintain the data/records.



- 7.2 Contractor shall be required to furnish job completion/measurement report to GIPCL whenever required. The monthly/RA bill payment shall be released based on the certified measurement reports of the works.
- 7.3 Inspection of work will be done by Engineer-in-charge or his authorized representative. If the work is not found satisfactory, Engineer-in-charge reserves the right to take suitable action and shall be binding to the contractor.

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

8. MOBILIZATION AND EXECUTION

- a) Contractor shall mobilize the resources at site within 24 hours from the time the intimation given by GIPCL for general requirements.
- b) Contractor shall provide sufficient nos. of supervisors/Engineer who will be responsible for supervision and execution of job in specified time as per technical specifications. The supervisors shall coordinate with the Engineer-in-charge of GIPCL for proper execution of the job & daily work certification from concern area representatives of GIPCL.
- c) The resources required for execution of above jobs will vary from time to time, hence contractor shall mobilize the resources accordingly.
- d) Contractor shall provide accommodation for the persons deployed by him for the work at his own cost.

9. QUANTITY OF WORK

The 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 plant operational & maintenance requirements. Contractor shall not be entitled for any compensation on ground of such alteration in given estimated quantities within overall limits of awarded contract price. GIPCL reserves the right to operate or increase/decrease quantities in each item or omit any item included in Schedule of Quantity at its discretion. Contractor shall have no claim, whatsoever, on grounds of loss of anticipated profit etc. on account of the same.

Contractors shall engage suitable manpower/workers of required nos. (skilled / semi skilled / unskilled as per scope of work) along with required tools & tackle, consumables, materials as per work load and emergency situations throughout the contract period to perform his contractual duties/scope up to the full satisfaction of Engineer-in-charge.

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



10. ANNUAL HEALTH CHECK-UP

As per Statutory requirement Contractor has to inform workmen deployed at Site for Annual health check-up as per schedule prepared by HR&A Dept .

- The Contractor shall be responsible for payment of overtime wages to his workmen, if any, in case they are required to work beyond the prescribed hours under the applicable law as per applicable rates.
- The Contractor shall not engage workmen below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- The contractor shall conduct pre-employment medical check-up and periodic medical check-up of his workmen employed by him as per applicable laws. The list is indicative in nature and not an exhaustive one. Any amendment / alteration / Notifications or addition to the existing Law or a new statute shall automatically and immediately become applicable.

11. 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 RATE & PRICE BID

(Bidder's offer in % to be quoted online only through website:

<https://tender.nprocure.com>)

SoR Item No.	BRIEF ITEM DESCRIPTION	Estimated Quantity	UNIT	Estimated Item Rate without GST (Rs.)	Estimated Amount (Rs.)
1	A. DISMANTLING WORK: Dismantling work shall include working at all heights and depth including storing and stacking the serviceable and depth including storing and stacking the serviceable material and disposing of the debris and unserviceable material outside Plant premises or scrap yard in Plant as directed by Engineer for following works of Part-A. P.C.C. of any mix	50.000	M3	1,061.30	53,065.00
2	Same as above item but for total executed gross work done quantity less than or equal to 0.15 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	2.000	No.	160.25	320.50
3	R.C.C. of any mix	25.000	M3	2,966.83	74,170.75
4	Same as above item but for total executed gross work done quantity less than or equal to 0.15 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	50.000	No.	448.00	22,400.00
5	Brick masonry work in Cement mortar with plaster	140.000	M3	436.51	61,111.40
6	Same as above item but for total executed gross work done quantity less than or equal to 0.15 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	4.000	No.	65.91	263.64



7	Dismantling of minor quantity of PCC/RCC/Brick wall etc through Pneumatic Breaker machine with tractor mounted air compressor, driver & operator for all elevations as directed by Engineer-in-charge.	40.000	M3	4,796.82	1,91,872.80
8	Chipping of cement plaster of any mix	700.000	M2	105.53	73,871.00
9	All types of brick flooring / paver block flooring	700.000	M2	105.53	73,871.00
10	Removal of doors, windows (Steel, PVC or wooden), Rolling shutters, etc. with or without frame as directed by Engineer-in-charge for repairing, modification or discarding.	150.000	M2	359.76	53,964.00
11	All type of floor/dado like ceramic / glazed / vitrified tiles / kota stone / marble / granite etc.	700.000	M2	105.53	73,871.00
12	Wooden / Aluminum partitions fully paneled / partly glazed / double skin, Alum. Doors, Windows, etc. as directed by Engineer-in-charge for repairing, modification or discarding.	100.000	M2	161.89	16,189.00
13	False ceiling including removing of Aluminum grid work nova teak/ gypsum board tiles, Aluminum strips G.I. hangers, hooks, etc. as per site requirement as directed by Engineer-in-charge.	350.000	M2	116.08	40,628.00
14	Removing floor spring of Alum. doors	7.000	No.	161.89	1,133.23
15	Removing of various pipe lines (excavation and backfilling, jari cutting, etc. shall be paid separately under relevant items) (a) GI pipe up to & incl. 50 mm dia.	300.000	RM	62.36	18,708.00
16	(b) GI, CI, SW, AC, pipelines more than 50mm dia. & incl. 150 mm dia.	150.000	RM	105.53	15,829.50
17	(c) PVC/UPVC/CPVC pipe up to 150mm dia.	75.000	RM	55.37	4,152.75
18	Indian or European W.C., Urinals, Wash basins, Nahni trap & similar fittings.	30.000	NO.	530.05	15,901.50
19	Road cutting (including seal coat, carpet, semi grouting, & rubble soling).	70.000	M3	624.79	43,735.30
20	Removing of rubble soling, rubble pitching of floor/wall/drain wall, WBM, WMM, etc. up to 300mm depth as per requirement.	2.000	M2	179.88	359.76
21	Removing of glass panels from aluminum partition, doors, windows, etc. and refixing the same as per requirement after necessary beading as directed, as required.	9.000	M2	161.89	1,457.01



22	Cutting zari up to avg. 50mm x 50mm with cutting machine / manually in brick masonry wall for piping work.	12.000	RM	80.35	964.20
23	Providing grooves in existing wall for laying of various conduits etc. up to avg. 100mm deep and 100mm wide or less than this size as per site requirement in perfect line and shape.	7.000	RM	105.53	738.71
24	Same as above but for flooring.	10.000	RM	161.89	1,618.90
25	Conditional scaffolding charges for all above works of Part-A as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding for work height more than and equal to 4.00M where, according to GIPCL, no other option to execute the work without scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing approved scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason.	100.000	M2	172.27	17,227.00
26	B. EARTHWORK, FILLING, DRESSING: Earthwork in excavation below ground level in foundation, trenches, pits, drains, chambers, etc. in all class of soil except hard rock including dewatering, shoring, strutting, if necessary, dressing of the sides and bottom, stacking of useful materials as required, back filling with selected excavated materials, compacting the back filling, removing of surplus earth after back filling outside premises at suitable location within lead of 3.0 kms. etc. complete as directed by Engr.(a) 0.0 m to and including 1.5 m (avg.)	800.000	M3	200.00	1,60,000.00
27	(b) Below 1.5 m & up to 3.0 m (avg.)	60.000	M3	235.00	14,100.00
28	(c) same as above but excavation with JCB up to 5M depth (avg.)	150.000	M3	250.00	37,500.00
29	(d) Excavation with 300mm dia. auger boring UP TO <u>3M depth</u>	150.000	RM	572.96	85,944.00



30	Same as above item no. 26 to 29 but for total executed gross work done quantity less than or equal to 0.50 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	50.000	No.	123.05	6,152.50
31	Earth work in excavation (area grading) in all type of soil up to grade level/required level as directed by Engineer-in charge and transportation and disposal of excavated material to the dump sites within the lead up to 03 (three) kms. Including maximum lift of 1.0 meter.	30.000	M3	111.53	3,345.90
32	Back filling to proper grade & level with selected available earth within the premises area including re-excavating the deposited earth earlier, breaking clods, laying at all depths and height in layers of avg. 15 cm loose thickness, watering and ramming to compaction, dressing, etc. for general site grading & plinth filling etc. Complete	100.000	M3	124.72	12,472.00
33	Carting of surplus earth & debris including re-excavating the earth deposited earlier, transportation with tractor, loading & unloading, dumping, with all leads & lifts, etc, complete. The contractor shall make his own arrangement for disposing the debris / earth outside premises area up to 3KM lead (one side).	15.000	TRIP	659.56	9,893.40
34	Surface dressing of the ground in ordinary soil including removing vegetation, pebbles, aggregates and stacking as directed, excavation / filling up to avg. 150mm thickness, disposal of rubbish and excavated materials to a lead of 1 Km. as directed or outside premises at suitable location, dressing, levelling to required gradient, compacting, etc. complete.	500.000	M2	14.76	7,380.00
35	Filling fly ash/bed ash under floors, in foundations, plinths, roads etc. including spreading in layers of avg. 20 cm loose thickness at all depths, watering, consolidation, dressing and levelling, etc. complete. (Fly ash of required quantity shall be supplied at work site on specific request and the remained/unused quantity of fly ash shall be removed from site.)	100.000	M3	124.72	12,472.00



36	Same as above but Fly ash/bed ash will be issued from fly ash silos. Necessary transportation by fully covered dumper/truck shall be in the scope of contractor.	30.000	M3	261.43	7,842.90
37	C. FOUNDATION & CONCRETE WORKS: Supplying & laying to proper level and slope rubble soling in any thickness as sub base for pavements, floor slabs, etc. including hand packing, wedging, binding using bed material, watering, ramming, manually compacting, dressing, etc. with all materials, labours, etc. complete. (Bed material of required quantity shall be supplied at work site on specific request and the remained/unused quantity of bed material shall be removed).	50.000	M3	1,695.68	84,784.00
38	Providing avg. 230mm thick rubble soling (Required quantity of rubble available at JNT-13 of power plant) and filling voids with bed material in line and level including all labour charges, tools and tackles required for completing the work satisfactorily as instructed by Engr-in-charge to the line and level Inc. Transportation of sand from site and rubble from JNT-13 (conveyor belt) location to work site. Segregation of suitable stone/breaking to required size will be in the scope of contractor only. (Bed material of required quantity shall be supplied at work site on specific request and the remained/unused quantity of bed material shall be removed).	300.000	M3	750.00	2,25,000.00
39	Same as above item but pointing with cement mortar 1:4	15.000	M3	800.00	12,000.00



40	Dressing and levelling and compacting of soil in base & side slope for construction of drain with rubble soling (Required quantity of rubble available at JNT-13 of power plant) to proper line and level for base and side slope of drain with rubble soling in thickness of average 230 mm as base and side slope for drain including bedding with average 20 mm thick cement sand mortar (1:5), hand packing, wedging, binding, filling with cement-sand mortar (1:6) material, watering, ramming, manually compacting, dressing, dewatering, (if required) and pointing with cement-sand (1:2) mortar, curing with all materials (except rubble), labours, etc. complete.. Rate is Inc. Transportation of rubble from JNT-13 (conveyor belt) location to work site. Segregation of suitable stone/breaking to required size will be in the scope of contractor only.	400.000	M2	300.00	1,20,000.00
41	Providing & laying plain cement concrete 1:4:8 with 20 mm downgraded stone aggregates in foundations, floors, etc. including tamping, curing, shuttering the edges, at all dept & thickness etc. complete.	80.000	M3	3,131.12	2,50,489.60
42	Post Anti-termite treatment like creating a chemical barrier at junction of wall and floor along the periphery of building, outside periphery, expansion joints, periphery of wood works, wood furniture, etc. with approved emulsifiable insecticides at the rates and concentrations as per IS 6313 (Part-II) including drilling of holes minimum 200 mm deep -12mm dia. at @ 300 mm c/c, filling with cement after completion of treatment, etc. complete as directed by Engr.	250.000	M2	110.33	27,582.50
43	Providing & laying plain cement concrete 1:2:4 with 20 mm downgraded stone aggregate in flooring, plinth pavements, walkways, etc. including laying in alternate panels, tamping, curing, finishing top surface as required, shuttering, etc. Complete.	75.000	M3	3,470.50	2,60,287.50



44	Providing & laying reinforced cement concrete of Grade either M20 or M25 grade with 20 mm downgraded stone aggregates in foundations or super structures for footing, columns, beams, walls, slab, lintels, chajjas, rafts, staircase, facias, coping, auger bore or any other places including leaving pockets, openings, vibrating, curing, etc. complete (excluding cost of shuttering, cement & reinforcement) for the following: (a) For work below Ground level (i) 0.00m. to 1.5m.	200.000	M3	3,613.21	7,22,642.00
45	(ii) 1.5m. to 3.0m.	15.000	M3	3,692.35	55,385.25
46	(b) For work above Ground level (i) 0.00m. to 5.0m.	50.000	M3	3,613.21	1,80,660.50
47	(ii) Above 5.0m. & up to 10.0m.	5.000	M3	3,728.41	18,642.05
48	(iii) Above 10.0m. & above	25.000	M3	3,999.12	99,978.00
49	Same as above item nos. 43 to 48 but for total executed gross work done quantity less than or equal to 0.50 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	100.000	No.	1,738.00	1,73,800.00
50	Providing & Laying reinforced cement concrete M30 grade with 20mm downgraded stone aggregates confirming to IS 456 in correct line & level and finishing the surface of placed concrete by poker vibration and surface vibrator, adding of Fosroc make Nito floor hardener at the rate of 1.0 Kg/sq.mt at top of finished surface, making of construction joint for size about 10mm wide and 50mm deep (average) at 5mx4m interval in longitudinal and transverse direction respectively or as appropriately site suitable as directed by Engineer-in-charge (by cutting groove in hardened concrete by cutter machine and filling bitumen mixed with sand in cut groove) curing etc. complete for all lead & lift as directed by Engineer in charge. The rate shall be including cost of all the construction materials (except Cement & Reinforcement steel), labours, supervision, materials, equipments and tools & tackles. Shuttering, side channels shall be paid extra under respective item (Cement shall be issued at free of cost from GIPCL store but necessary loading, shifting from store, unloading, reconciliation etc shall be in the scope of contractor).	30.000	M3	3,999.12	1,19,973.60



51	Providing and laying cement concrete 1:2:4 nominal mix in layers not exceeding of average depth 150 mm, well consolidated in foundations and steel I beams encasing or Electric pole encasing including surface cleaning of I beams/poles, preparing and ramming the base before placing the concrete and curing, watering, compacting, dewatering (if required) etc. all complete excluding cost of formwork as directed by Engineer-in-charge including cost of all labours, supervision, materials (except free issue of cement), equipments, tools & tackles.	100.000	M3	3,965.77	3,96,577.00
52	Providing, erecting & removing form work of concrete works at all elevation below or above grade level and for all shapes including scaffolding, centering, bracing, providing, openings/ cut-outs/ pockets, etc. complete as per specifications and as directed by Engineer.a) Form work to give medium smooth finish using plain swan & wrought timber boards for foundations, rafts, pedestals, grade beams, columns, etc. upto G.L.	500.000	M2	300.00	1,50,000.00
53	b) Form work to give fair & smooth finish for exposed concrete surface using sheeting formed from tongued and grooved boards/plywood steel sheets for column, beams, chajjas, slabs, walls, coping, facias, fins, staircase, etc. (i) For height up to 5.0 m	300.000	M2	315.00	94,500.00
54	(ii) For height above 5.0 m	100.000	M2	330.00	33,000.00
55	Providing and erecting / fixing at position scaffolding work for any height above 3.0 meter. level and removal after completion of specific given work including all materials & labour for two-layer standard scaffolding as per specific work requirement of GIPCL and keeping scaffolding fixed for minimum week period.	70.000	M2	182.28	12,759.60
56	Same as above but keeping scaffolding fixed beyond week period for additional each day as per GIPCL's requirement only or due to unavoidable circumstances, unavailability of work front.	10.000	M2	12.30	123.00



57	Labour charges for fixing of TMT/HYSD bar reinforcement for Reinforced cement concrete works including transportation, loading, unloading, shifting, straightening, handling, cutting, bending, binding, placing and tying in position as per approved drawings or as directed by Engineer-in-charge with the using of cover blocks of same grade of concrete in all RCC items of work including cost of GI binding wire 18SWG double knot, cost of all required labours, supervision, materials, equipments, tools & tackles, etc. complete as directed by Engineer in charge. (Reinforcement shall be free issued at free of cost from GIPCL store but necessary loading, shifting from store, unloading, reconciliation, etc shall be in the scope of contractor).	12.000	MT	13,191.26	1,58,295.12
58	Grouting of M.S. inserts like pipes, angles, channels, etc. including shuttering, scaffolding, etc. at all heights. with cement concrete, etc. complete as directed. Rate is for per no. insert. Concrete will be paid separately in respective item.	15.000	No	155.90	2,338.50
59	RCC Grade M30 with 20mm downgraded stone aggregates for RCC precast slabs of required size to be fixed on various cable trenches and drain trenches in various locations including heavy duty hooks for lifting purpose, necessary fixed type side shuttering with 3mm thick MS flats (will be issued by GIPCL at free of cost from store and fabrication will be paid under respective item) with applying 1 coat red oxide primer & 2 coat synthetic enamel, fixing by welding of MS bars (will be issued from GIPCL store and fabrication will be paid under respective item), bottom form work/platform for smooth finishing, compaction with surface vibrator, curing for minimum seven days, lifting, shifting, transporting & placing at desired locations carefully to avoid damages, which includes necessary existing trench groove chipping if required for proper fitting of pre cast on trench, etc... all complete as per the specifications with all labour, materials (except free issue of cement from GIPCL store), equipments, tools & tackles. Work also includes removing of old damaged pre cast and shifting to Mines dump yard within seven KM lead with truck or dumpers etc. complete but excluding reinforcement charges. (a) For unit weight up to 200 Kg.	30.000	M3	13,191.26	3,95,737.80



60	(b) For unit weight above 200 Kg. & up to 500 Kg.	1.000	M3	14,390.46	14,390.46
61	Providing and laying 1:4 cement, sand with 10mm aggregate screeding average thickness of 60mm over RCC surface including cleaning the surface, making rough & applying approved bonding agent over existing concrete, placing, curing, shuttering etc. complete as directed. Cement will be issued free of cost from GIPCL store.	12.000	M2	256.63	3,079.56
62	Conditional scaffolding charges for all above works of Part-C as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding for work height more than and equal to 4.00M where, according to GIPCL, no other option to execute the work without scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing approved scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason.	100.000	M2	172.27	17,227.00
63	D. BRICK WORK, RR MASONRY PLASTER, FLOORING: Providing & laying uncoursed random rubble masonry in cement mortar 1:6 using approved quality locally available stones of good quality for wall footings etc., including scaffolding wherever necessary, curing, raking joints, dewatering wherever necessary etc. complete for work below ground/grade level at all depth and above grade level up to plinth as per specifications and drawings.	5.000	M3	2,478.76	12,393.80
64	Providing & laying brick masonry of 230/345 mm thick and above in cement mortar 1:5 using approved quality locally available bricks, including scaffolding wherever necessary, curing, raking joints, etc. complete as per specifications and drawings: a) In foundations and in works below plinth/grade level.	100.000	M3	3,537.66	3,53,766.00



65	b) 0.00m. to 5.0m.	80.000	M3	3,612.01	2,88,960.80
66	c) Above 5.0m. & up to 15.0m.	10.000	M3	3,792.61	37,926.10
67	d) Above 15.0m.	10.000	M3	3,892.00	38,920.00
68	Same as above item nos. 64 to 67 but for total executed gross work done quantity less than or equal to 0.50 M3 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	40.000	No.	1,772.00	70,880.00
69	Same as above item no. 64 but brick masonry by using ISI marked standard red bricks. a) In foundations and in works below plinth/grade level.	15.000	M3	5,000.00	75,000.00
70	b) 0.00m. to 5.0m.	10.000	M3	5,200.00	52,000.00
71	c) Above 5.0m. & up to 15.0m.	1.000	M3	5,400.00	5,400.00
72	d) Above 15.0m.	1.000	M3	5,600.00	5,600.00
73	Providing & laying 115 mm thick brick masonry walls in cement mortar 1:5 including providing RCC mullions and transoms as shown on the drawings or as specified using approved quality locally available bricks, including scaffolding wherever necessary, curing, raking joints, etc. complete (reinforcement, shuttering and concrete of transoms and mullions will be measured and paid for separately). a) 0.00m. to 5.0m.	70.000	M2	510.86	35,760.20
74	b) Above 5.0m. & up to 10.0m.	5.000	M2	536.40	2,682.00
75	c) Above 10.0m. & up to 15.0m.	2.000	M2	563.23	1,126.46
76	d) Above 15.0m.	4.000	M2	591.39	2,365.56
77	Same as above item nos. 73 to 76 but for total executed gross work done quantity less than or equal to 0.50 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	5.000	No.	256.00	1,280.00
78	Same as above item no. 73 but brick masonry by using ISI marked standard red bricks. a) 0.00m. to 5.0m.	1.000	M2	798.67	798.67
79	b) Above 5.0m. & up to 10.0m.	1.000	M2	838.60	838.60
80	c) Above 10.0m. & up to 15.0m.	1.000	M2	880.54	880.54
81	d) Above 15.0m.	1.000	M2	924.56	924.56



82	Providing smooth cement plaster avg. 13 mm thick in cement mortar 1:4 for RCC, brick work including scaffolding, curing, etc., complete as per specifications. a) 0.00m. to 5.0m.	1,500.000	M2	189.00	2,83,500.00
83	b) Above 5.0m. & up to 10.0m.	100.000	M2	200.00	20,000.00
84	c) Above 10.0m. & up to 15.0m.	30.000	M2	210.00	6,300.00
85	d) Above 15.0m.	50.000	M2	220.00	11,000.00
86	Same as above item nos. 82 to 85 but for total executed gross work done quantity less than or equal to 0.50 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	15.000	No.	108.00	1,620.00
87	Same as above item nos. 82 to 85 but including providing chicken mesh at all level. Measurement of chicken mesh will be applicable for payment of plaster with chicken mesh in this item.	5.000	M2	211.00	1,055.00
88	Providing avg. 6 mm thick cement plaster to ceiling in cement mortar 1:3 including scaffolding, curing, etc. complete.	15.000	M2	150.00	2,250.00
89	Providing exterior sand faced cement plaster avg. 20 mm thick in 2 layers (first layer of 14 mm and second layer of 6mm thickness) in cement mortar 1:4 using approved quality sand for second layer finished on RCC, brick work, including scaffolding, curing, etc. complete as per specifications. a) 0.00m. to 5.0m.	270.000	M2	221.00	59,670.00
90	b) Above 5.0m. & up to 10.0m.	15.000	M2	265.68	3,985.20
91	c) Above 10.0m. & up to 15.0m.	5.000	M2	307.62	1,538.10
92	d) Above 15.0m.	5.000	M2	369.15	1,845.75
93	Prov.& making avg. 12 mm x 12 mm grooves in plaster	30.000	RMT	50.37	1,511.10
94	Providing vata (approx. 100 x 100 mm in triangular shape) in CM 1:2 including finishing with cement slurry, chipping, curing, scaffolding, if required, etc. complete. If other size, same will be paid on prorata basis as directed by Engr-in-charge.	800.000	RM	93.54	74,832.00
95	Providing & laying brick on edge flooring in cement mortar 1:6 including preparation of sub-base in proper grade & camber, compacting, laying in approved pattern, pointing, watering, curing etc. complete as directed by Engineer with locally available bricks.	2.000	M2	510.86	1,021.72



96	Providing & laying avg. 40 mm thick (1:2:4) Indian Patent Stone flooring with cement concrete 1:2:4 using 10 mm downgraded black trap aggregates at various elevations, in alternate panels including preparation of base, finishing to line levels & camber, rounding junctions and corners, curing, edge shuttering etc., complete as per specifications and as directed by Engineer.	125.000	M2	329.78	41,222.50
97	Providing & laying approved make approved quality glazed tiles of required size having conforming to IS:777 in floors & dado over avg. up to 25mm thick cement mortar 1:3 bedding as per site requirement directed by Engr.-in-charge including pointing the joints, cleaning, washing, etc. complete as per specification (Basic Rate of tiles shall be Rs. 700/- per M2).	300.000	M2	1,230.50	3,69,150.00
98	Same as above item, but for colored / pattern glazed tiles of required size.	150.000	M2	1,353.54	2,03,031.00
99	Same as above item nos. 97 & 98 but for total executed gross work done quantity less than or equal to 0.50 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	5.000	No.	616.00	3,080.00
100	Providing & laying in required size tiles of NITCO/SPARTEK/BELL /KAJARIA CERAMIC' or its equivalent quality of approved plain shade in floor/ dado over avg. 25mm thick bedding of 1:6 cement mortar, cutting chase in walls as required including pointing of the joints with white cement mixed with colour pigment to match, curing, etc. complete in floors (Basic Rate of tiles shall be Rs.700/- per M2).	50.000	M2	1,250.00	62,500.00
101	Same as above item no. 100 but for total executed gross work done quantity less than or equal to 0.50 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	5.000	No.	657.76	3,288.80
102	Same as above item no. 100 but for approved make, size & shade vitrified tiles (Basic rate of tiles Rs. 750/- per M2).	70.000	M2	1,350.00	94,500.00



103	Same as above item no. 100 but for ceramic tiles (basic rate of tiles Rs. 600 per sq. metre)	10.000	M2	1,319.13	13,191.30
104	Providing & laying Machine cut avg. 20 mm thick polished Kota stone in flooring, dado, skirting, etc. laid on avg. 20 mm thick cement mortar 1:4 mix in proper line & level including machine polishing to the satisfaction of Engr. etc. complete as directed by Engr in charge.	35.000	M2	1,043.31	36,515.85
105	Same as above item no. 104 but for risers, treads, platform patti, etc...	5.000	M2	1,232.78	6,163.90
106	Same as above item no. 104 but for machine cut, double polished for partitions, selves in cupboard, etc.	1.000	M2	1,291.54	1,291.54
107	Acid brick lining works Supplying & fixing A R bricks with following specifications: a) Cleaning the surface with wire brush & broom b) Applying One coat of Bituminous primer @ 0.250 gm per m2 of Acid Resistant grade confirming to IS 158 c) Laying 6 to 8 mm th. Acid Resistant grade Mastic lining confirming to IS 9510 over the primed surface d) Laying of A R bricks of size 230*115*38 mm class –I as per IS 4860 bedding with potassium Silicate Mortar 6 to 8 mm th. As per IS 4832 part-I e) Filling the joints of A R brick 4 to 6 mm wide & 15 to 20 mm depth with Furan based mortar as per IS 4832 part-II	25.000	M2	4,528.20	1,13,205.00
108	Do as above but Acid Resistant brick shall be of size 230mm X 115mm X 75mm thick Class–I as per IS 4860.	1.000	M2	5,235.73	5,235.73
109	Supplying & fixing Acid Resistant bricks with following specifications: a) Cleaning the surface with wire brush & broom brush. b) Applying One coat of Bituminous primer @ 0.250 gm per M2 of Acid Resistant grade confirming to IS 158 c) Laying 6 to 8 mm thick Acid Resistant grade Mastic lining confirming to IS 9510 over the primed surface. d) Laying of Acid Resistant bricks of size 230mm X 115mm X 38mm class–I as per IS 4860 bedding with 4 to 5 mm thick and jointing with 3 to 4 mm thick Furan based mortar as per IS 4832 part -II.	160.000	M2	6,014.01	9,62,241.60



110	<p>Do as above but Acid Resistant brick shall be of size 230mm X 115mm X 75mm thick Class-I as per IS 4860</p> <p><u>OR (as per directive of GIPCL)</u></p> <p>Providing & applying chemical resistant (H₂SO₄ with 98% concentrate) epoxy lining on sound RCC surface after necessary surface preparation like removing dust, dirt, loose mortar, paint, algae, fungus or any other foreign material then applying epoxy primer "Fosroc" make Nitoprime 25, applying touching putty at required places with "Fosroc" make Nitocote VF epoxy putty then mixing & applying first coat of "Fosroc" make Nitocote EN901 - High chemical resistant protective lining (when lining is wet, apply 360 GSM glass fiber cloth which shall be pressed & smooth out with roller & allow the same to dry), application of second coat of "Fosroc" make Nitocote EN901, both coat as per specified standard coverage, etc complete as per manufacturer's specifications with all materials, labour, tools & tackles and as directed by Engineer-in-charge for which 50% of actual physical measurements will be considered for payment purpose.</p>	50.000	M2	7,499.83	3,74,991.50
111	<p>Providing & laying black/green granite of approved quality including cutting, placing in line and level on avg. 20mm thk. CM 1:3 bedding and cement paste, filling the joints with approved colour cement, cleaning, finishing in all respect, etc. complete as directed by Engr. in charge. (Basic rate of granite Rs.150 / Sq.ft.)</p>	5.000	M2	2,896.08	14,480.40
112	<p>Labour charges for laying floor tiles & dado including cement mortar bedding, filling joints with white cement colour filler, curing, etc. complete (only Tiles shall be issued free of cost by GIPCL at stores).</p>	70.000	M2	442.97	31,007.90



113	Conditional scaffolding charges for all above works of Part-D as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding for work height more than and equal to 4.00M where, according to GIPCL, no other option to execute the work without scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing approved scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason.	200.000	M2	172.27	34,454.00
114	E. DOORS, WINDOWS, PARTITION, WOOD WORK, ROLLING SHUTTER, CEILING, ETC.: Providing & fixing Malaysian sal wood frame from 125mmx65mm size sections for door along with 30mm thick commercial flush door shutters including providing 6 Nos. of hold fasts fixed in concrete block (M-15) for make heavy duty hinges, Iron oxidized fixtures like handles, aldrops stoppers, pagstays, etc. including teakwood edge lipping, etc. with two or more coats of synthetic enamel paint of approved make and shade over a coat of primer, etc. complete as per design or approved make laminate on both sides as per design.	4.000	M2	6,066.78	24,267.12
115	Providing & fixing standard 30mm thick commercial flush door shutters with existing door frame including providing 6 Nos. of hold fasts fixed in concrete block (M-15) for make heavy duty hinges, Iron oxidized fixtures like handles, aldrops stoppers, pagstays, etc. including teakwood edge lipping, etc. with two or more coats of synthetic enamel paint of approved make and shade over a coat of primer, etc. complete as per design or approved make laminate on both sides as per design.	12.000	M2	4,278.76	51,345.12



116	Supplying & fixing standard steel 'Z' section openable windows / ventilators as per detail drawing with 12mm Sq. M. S. safety bars at 100 mm c/c including 5.5 mm wired / plain glass fixed with glazing pins & special metal filler putty, holdfast embedded in concrete (1:2:4) blocks, fixing Iron oxidized fixtures, like handles, peg stays, aldrops, etc. with one coat of zinc chromate primer & two coats of oil paint of approved shade and make, etc. complete.	10.000	M2	5,414.41	54,144.10
117	Providing and fixing M.S. rolling shutters fabricated from 18-gauge steel laths with side guides, bottom rail, brackets, door suspension shaft, housing box at the top including one coat of zinc chromate primer and two coats of oil paint.	1.000	M2	6,261.05	6,261.05
118	Same as above item but for gear operated rolling shutter	40.000	M2	7,436.27	2,97,450.80
119	Providing and fixing in position powder coated aluminum windows having sections of Jindal, Narmada, Banco or equivalent make having section with two track section 61.85 mm x 31.75 mm (weight 0.695 kg/meter) shutter framing size 40mm x 18mm (weight 0.464 kg/meter.) mounted on bearing to slide on tracks including 5 mm clear plain sheet glass, PVC track gasket, EPDM rubber gasket on glass of weather tightening along with locks, handle including sealing gap with existing wall faces with silicon sealants making it water proof in all manner, etc. complete at all floor levels. For other than above section as per site requirements & directed, payment will be on prorata basis as informed by Engineer-in-charge. a) Fixed type	1.000	M2	5,764.58	5,764.58
120	b) Sliding type	25.000	M2	6,181.90	1,54,547.50
121	c) Openable shutter type	5.000	M2	6,181.90	30,909.50
122	Same as above item nos. 119 to 121 but for providing and fixing 4mm thick plain glass "Modi" or equivalent brand in existing glazed windows or doors or ventilators including removal of damaged existing glass with do care.	12.000	M2	1,728.05	20,736.60
123	Same as above but for cupboard shutters with frame and both side laminated 12mm thick Nova pan paneling in place of glass.	2.000	M2	1,630.92	3,261.84



124	Providing & fixing in position fully glazed aluminum door size and shape as per details by using extruded section fabricated by standard manufacturer with outer frame of size 101.5x44.5x2.0mm door shutter with top rail of size 44.5x47.5x2mm & lock and bottom rail of size 114x44.5x2mm or with equivalent alum. sections with 15-micron silver/colour anodizing with 5 mm plain glass including all necessary standard approved fixtures like locks, hinges, contact tower bolt, PVC gasket and weathering, aluminum screws, beadings, etc. complete as directed (excluding floor spring / door closure). For other than above section as per site requirements & directed, payment will be on prorata basis as informed by Engineer-in-charge.	5.000	M2	8,612.69	43,063.45
125	Providing & fixing in position aluminum partition as per size and shape as per details by using extruded anodized sections fabricated by standard manufacturer with top & vertical members of size 63.5x38x2.0mm thick and middle & bottom members of 100x38x2mm thick with 15 micron silver/colour anodizing. All the sections are to be filled with timber for better fitment of the screws. The bottom panel shall be fitted with 12mm thick Bhutan prelaminated boards and 5.5mm thick plain glass in top panel including all slandered accessories like screwless beading, PVC gasket, etc. complete as directed. For other than above section as per site requirements & directed, payment will be on prorata basis as informed by Engineer-in-charge.	2.000	M2	7,084.90	14,169.80
126	Providing and fixing Sintex or similar approved brand PVC door and windows with frame as per manufacturers specifications including necessary hinges, aldrops, stoppers, handles. etc. complete.	8.000	M2	3,261.84	26,094.72
127	Providing & fixing wood work for doors, windows, partition frames, ceiling frames, etc, including finishing, grinding with sand paper applying one coat of wood primer and cost of all labour, material, etc. complete for First class Deodar/Chill wood.	0.100	M3	95,248.08	9,524.81



128	Providing & fixing Monarch or its equivalent quality water proof ply wood for partition, ceiling, walls, cupboard shelves, doors, etc, including necessary hardware, etc. complete as directed. a) 6 mm thick	1.000	M2	1,630.92	1,630.92
129	b) 12 mm thick	2.000	M2	2,713.80	5,427.60
130	Providing, supplying & applying standard 1.5mm thick single piece "Greenlam" or other equivalent approved make, colour & shade laminate of basic rate Rs. 490/- per M2 on table, partition, shutter, which includes removing the doors/partitions, cleaning & necessary roughening the surface for proper bonding of new laminate, fixing the full-size single piece laminate with approved adhesive, ensuring zero air entrapping, refixing the door/partition in proper alignment for smooth operation with new fasteners, new SS hinges, including removing & refixing door closures, name plates, door stoppers, etc... whichever necessary.	2.000	M2	2,609.47	5,218.94
131	Providing & fixing water proof block board standard 19 mm thick of approved quality for partition wall, cupboard, display boards, shelves, etc. including necessary hardware.	5.000	M2	2,738.98	13,694.90
132	Providing, supplying & fixing SS Body "Godrej" or approved equivalent make mortise door lock with handle & key, including removing existing locks. Basic Rate Rs. 3000/- per No.	5.000	No.	4,306.74	21,533.70
133	Supplying & fixing in position false ceiling with alum. Grid work 35x25x1.5mm bulb tee in main & 25x25x1.5mm tee of approved quality, including making provision for electrical and air conditioning fittings, flush with ceiling, providing & fixing GI hooks, 8 SWG GI wire suspension, fixing aluminum grid work to R.C.C. slab and 25 x 25 x 1.5mm angle to walls, etc. with necessary hardware, drilling of holes and supplying and fixing 12mm thick 600x600mm size plain Gypsum boards in alum. frame work, etc. complete.	100.000	M2	1,388.68	1,38,868.00
134	Providing & Fixing "Armstrong-Classic lite" or equivalent approved make false ceiling of approved colour and textures including standard "Armstrong" grids, channels as per detailed manufacturer's specifications as directed by Engineer-in-charge.	10.000	M2	1,582.95	15,829.50



135	Providing & fixing average 10 to 13mm thick cement board (USG Boral Durock or approved equivalent make) false ceiling system with standard screws fixed at 200mm centers on exterior side of 92mm studs (0.90mm wall thickness) having maximum spacing of 406mm. Screws to be fixed on periphery, openings, cut edges at 150mm centers. Shorter edges/joints must be staggered to avoid continuous joint. All joints shall be taped and finished with base coat as per manufacturer's recommendations. Entire exterior surface shall be finished with 2-3mm thick base coat as per manufacturer's specifications/recommendations. Exterior paint shall be applied over monolithic finished surface as per manufacturer's recommendations. rate includes providing necessary cut-outs for lights or other fixtures/service ducts with good finishing, necessary scaffolding, hanger supports from ceiling/top roof, etc... complete.	1.000	M2	2,201.74	2,201.74
136	Specific requirement of cutting of part area of existing gypsum board false ceiling and re-fixing in part or whole as per GIPCL requirement for size up to 1M2. Refixing shall be done properly with flushing in line & level with adjoining edges/surfaces/fixtures with necessary standard sealant/jointing for smooth aesthetic finishing, colour touch up as per site requirements.	15.000	No.	1,199.21	17,988.15
137	Providing, supplying & fixing SS Body "Godrej" make door keyless locks (baby latch) with handle for toilet doors including removing existing locks. Basic Rate Rs. 1500/- per No.	1.000	No.	2,494.35	2,494.35
138	Providing and fixing standard 5mm thick aluminum grills (opening 50mm x 60mm) to the windows and ventilators, as per site requirement with necessary fasteners, fixtures, bolting, drilling in walls/marble etc. complete as directed by Engineer-in-charge including providing outer frame of "F" channel regular section 1" X 1/2" plain anodized and internal support at 750mm spacing (or as per site suitable as directed by GIPCL) with "H" channel of regular section 2" X 1/2" plain anodized and finishing etc complete.	1.000	M2	3,718.74	3,718.74



139	Providing & fixing aluminum grills with frame & intermediate supports having grill size 25mm X 13mm openings, made out of 16 gauge thick aluminum section on the existing windows with outer frame made of 38mm X 38mm anodized aluminum section "Jindal" or approved make and intermediate support with "L" angle made of 18mm X 18mm anodized aluminum section with necessary fasteners, fixtures, bolting, drilling in walls etc. complete as directed by Engineer-in-charge including providing outer frame of "F" channel regular section 1" X 1/2" plain anodized and internal support at 750mm spacing (or as per site suitable as directed by GIPCL) with "H" channel of regular section 2" X 1/2" plain anodized.	1.000	M2	3,718.74	3,718.74
140	Repairing of existing false ceiling with providing and fixing & anchoring in true horizontal line and level suspended Gypboard false ceiling by fixing with all required 12.5mm thick Gypboard material & as required accessories like G.I. Perimeter channels, screw, rawl plug, GI intermediate channel with MS flat, GI cleat, expansion fasteners, connection clip etc. complete to match with in line and level of existing false ceiling and also including putty finishing and applying two coats of flat oil paint over coat of primer etc. complete. as directed by Engineer-in-charge.	50.000	M2	1,006.13	50,306.50
141	Labour charges for fixing door lock supplied by GIPCL.	5.000	No	313.77	1,568.85
142	Providing heavy duty Iron oxidized fixtures to doors / windows including fixing with nuts, bolts, screws, etc. complete. Carpenter supply will be paid separately under following subsequent item on prorata basis as certified by Engineer-in-charge. Contractor shall require to ensure completion of jobs once the carpenter provided for the day.a) Aldrop - 250mm long	15.000	No	246.10	3,691.50
143	b) Handle, latch, etc...	5.000	No	172.27	861.35
144	c) Stopper 150mm	20.000	No	147.66	2,953.20
145	Same as above item but for heavy duty Aluminum Aldrop - 250mm long	10.000	No	246.10	2,461.00
146	Carpenter supply on prorata basis for above item nos. 142 to 145.	20.000	per day	706.33	14,126.60



147	Providing & fixing in position GODREJ MAKE- HYDRAULIC DOOR CLOSER-H.D. with adjustable spanners and screws including all fixtures, materials, labours, etc. complete.	1.000	No	3,300.21	3,300.21
148	Same as above item but for labour charges only (door closure shall be supplied free of cost by GIPCL).	20.000	No	317.79	6,355.80
149	Providing & fixing vertical venetian blind "VISTA or approved equivalent make" with approved colour fabrics, mechanized guide rail, Nylon chord, etc. complete with standard fixtures as per manufacturer's instructions.	20.000	M2	1,538.12	30,762.40
150	Same as above but for single window curtain of size up to 1.50M X 1.20M for specific requirement as confirmed by Engineer-in-charge.	1.000	No	2,998.01	2,998.01
151	Supply of various spares & parts for servicing/repairing of existing venetian blinds. Carpenter supply will be paid under rate of item no. 146, considering the rate as per day visit charges on prorata basis. a) Vertical blind code	1.000	Meter	24.61	24.61
152	b) Vertical hanging chain	1.000	Meter	123.05	123.05
153	c) Chain pulley	1.000	No.	442.97	442.97
154	d) Bottom weight	1.000	No.	61.52	61.52
155	e) Side lock	1.000	No.	190.72	190.72
156	f) Runner	1.000	No.	49.22	49.22
157	g) Head rail	6.000	Feet	258.40	1,550.40
158	h) End control unit	1.000	No.	442.97	442.97
159	i) Tilt rod	1.000	No.	258.40	258.40
160	j) Tilter chain	1.000	Meter	123.05	123.05
161	k) Installation bracket	1.000	No.	123.05	123.05
162	l) Cord weight	1.000	No.	123.05	123.05
163	m) Fabric blind/strip	1.000	Feet	49.22	49.22
164	n) Fabric strip dry cleaning	1.000	Feet	6.15	6.15
165	Supplying & fixing floor spring of Everite or equivalent quality including removing of existing floor spring, fixing new unit with all materials & labour etc. complete. (I) Small size	1.000	No	5,218.94	5,218.94
166	(II) Big Size	1.000	No	7,305.56	7,305.56
167	Labour charges for repairing of alum. Door/window shutter and servicing floor spring/channels/rollers as per instruction including changing of oil, setting, fitting of any loose sections of door etc complete. The payment of parts will be made in respective item for supply of parts.	250.000	No	1,273.56	3,18,390.00



168	Supplying and fixing item/parts required for repairing of aluminum doors/windows. Carpenter supply will be paid under rate of above item no. 146, considering the rate as per day visit charges on prorata basis if these works not executed with item no. 167 above. a. Piston	1.000	No	717.12	717.12
169	b. Cam	1.000	No	495.27	495.27
170	c. Bearing	1.000	No	482.08	482.08
171	d. U-rod spring	1.000	No	495.27	495.27
172	e. Roller bearing for sliding window	100.000	No	104.33	10,433.00
173	f. Pivot	5.000	No	586.41	2,932.05
174	g. Alum. Self-locking handles for alum. windows	50.000	No	73.84	3,692.00
175	h. Alum. Handle for Door	4.000	No	79.99	319.96
176	i. S.S. Hinges up to 100 mm	30.000	No	79.99	2,399.70
177	j. Alum. latch / L angles	200.000	No	83.94	16,788.00
178	k. Heavy duty Aluminum foot stopper-with two legs	4.000	No	129.51	518.04
179	l. Heavy duty brass foot stopper	1.000	No	83.94	83.94
180	m. PVC beading	500.000	R.mtr.	83.94	41,970.00
181	n. Aluminum Panel patti for glass/wooden paneling	20.000	R.mtr.	57.56	1,151.20
182	o. Lock for Aluminum door	4.000	No.	781.88	3,127.52
183	Providing and fixing Netlon or approved make mosquito net to the existing MS or wooden or Aluminum windows, ventilators, doors etc with necessary framing/fitting including drilling in wall, bolting etc as per site requirement with all material, labour, tools & tackles.	10.000	M2	175.08	1,750.80
184	Same as above but standard SS wire mesh	1.000	M2	1,076.89	1,076.89
185	Providing and applying Sun control film "Gareware" make approved colour & shade for ordered quantity less than 1.00 sqm by Engineer-in-charge.	1.000	No.	599.60	599.60
186	Same as above but ordered quantity more than or equal to 1.00 sqm.	50.000	M2	599.60	29,980.00
187	Charges of applicator with tools & tackles and to & fro transportation cost for above item nos. 185 & 186. Also, as per item no. 183, if material (netlon or alum. Grating/mesh) issued by GIPCL at free of cost, the applicator charges (necessary tools & tackles, fixtures/fasteners, etc... in the scope of contractor) will be paid in this item on prorata basis.	2.000	No.	636.78	1,273.56



188	F. Maintenance of Modular office Furniture: Providing and fixing "FGV" or equivalent make hinges - Half Overlay for shutters. Rate includes removal of existing. Carpenter supply will be paid in separate item on prorata basis.	5.000	No.	73.84	369.20
189	Providing and fixing "Demco" or equivalent make multi program lock 18mm dia. Rate includes removal of existing. Carpenter supply will be paid in separate item on prorata basis.	5.000	No.	141.51	707.55
190	Providing and fixing "Demco" or equivalent make Telescopic channel for drawer units, size 12", 14", 20" . Rate includes removal of existing. Carpenter supply will be paid in separate item on prorata basis.	200.000	Inch	13.54	2,708.00
191	Visit charges of carpenter with tools & tackles including to & fro transportation for executing & completing above works under item nos. 188 to 190 in case of daily given work quantity is less than 10 nos. Also, in case of above material issued by GIPCL from store at free of cost, payment of carpenter for fixing of GIPCL's material shall be paid under this item on prorata basis.	24.000	No.	750.61	18,014.64
192	G. PAINTING: Visit charges of painter with tools & tackles for following items of Part-G in case of paint/primer issued by GIPCL at free of cost. Also, in case of GIPCL's specific requirement of works having total value of work requirement less than Rs.2000/- for any specific instance, the supply charges for applicator will be paid on prorata basis only after advance intimation & confirmation from GIPCL.	20.000	No.	619.99	12,399.80
193	Providing and painting interior surfaces with two coats of approved first quality Acrylic Distemper paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust, old paint, filling cracks with approved crack filler, filling undulations with POP/approved paint putty for making uniform surface (at required place only), scaffolding etc. complete at all elevation with all materials, labour, tools & tackles, safety tools & tackles, including shifting of racks, cupboards, tables etc. for painting of wall and repositioning of the same after completing the work, etc... all complete as directed by Engineer-in-charge	500.000	Sqm	68.94	34,470.00



194	Providing and painting MS window of Z section with MS square bar with one coat of minimum 40 micron DFT High Build ZP Primer and two coats of Synthetic Enamel paint, each coat of minimum 25 micron DFT, including cleaning of existing painted surface, removing all rust, dirt, dust, loose paint, providing required scaffolding, with all materials, labour, tools & tackles, safety tools & tackles at all height including cost of scaffolding, etc. all complete as per instructions of Engineer-in-charge. Area shall be measured for finished opening size on one side i.e. if size of window opening is 2.80x1.50 and painted on both side, payment will be made considering one side only.	10.000	Sqm	93.51	935.10
195	Providing and painting MS Door, Rolling shutter, Wooden door or any other MS surface etc... with one coat of minimum 40 micron DFT High Build ZP Primer and two coats of Synthetic Enamel paint, each coat of minimum 25 micron DFT, with required synthetic thinner including cleaning of existing painted surface, removing all rust, dust, dirt, loose paint, providing required scaffolding, with all materials, labour, tools & tackles, safety tools & tackles at all height including cost of scaffolding, etc. all complete as per instructions of Engineer-in-charge. Rate is including painting of frames. Payment shall be made on measurement of out to out frame of door i.e. area payable for one doors/rolling shutters of 2.06 x 0.9 sqm opening size is 2x2.06x0.9 sqm for painting inside and outside face of door/rolling shutter.	530.000	Sqm	110.75	58,697.50
196	Same as above item but painting includes first one coat of average 25 micron Epilux-610 or approved equivalent epoxy red oxide primer and then two successive coats of approved Epoxy enamel paint.	200.000	Sqm	299.80	59,960.00
197	Same as above Item but outer painting of 50mm dia. MS pipe railing. Length of painted pipe will be considered for measurement.	500.000	RM	66.45	33,225.00
198	Same as above Item but required quantity of primer and paint materials with thinner will be issued by GIPCL from store at free of cost. Necessary transportation, safe storage, optimum utilization as per standard coverage area, reconciliation, returning empty paint drums, etc... will be in the scope of contractor.	5.000	Sqm	51.69	258.45



199	Labour charges for applying one coat of average 25 micron red oxide zinc phosphate primer to the steel structure including preparation of surface by thoroughly cleaning of oil, dirt, dust, rust and scale by wire brushing, power tool cleaning, applying one coat of primer. Primer & thinner shall be issued from GIPCL store at free of cost. Necessary transportation, safe storage, optimum utilization as per standard coverage area, reconciliation, returning empty paint drums, etc... will be in the scope of contractor.	5.000	Sqm	28.30	141.50
200	Providing and painting interior/exterior surfaces with two coats of first quality approved Oil paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust, old paint, filling cracks with approved crack filler, filling undulations with POP/approved paint putty for making uniform surface (at required place only), scaffolding etc. complete at all elevation with all materials, labour, tools & tackles, safety tools & tackles, including shifting of racks, cupboards, tables etc. for painting of wall and repositioning of the same after completing the work etc... all complete as directed by Engineer-in-charge .	30.000	Sqm	111.24	3,337.20
201	Providing and applying to exterior surfaces two coats of first quality approved exterior emulsion paint of "Berger - Walmasta" or "Asian" make "ACE" exterior emulsion paint of approved colour and shade over a coat of exterior sealer on existing painted surfaces as per manufacturer's recommendations including cleaning of existing surface using wire brush, removing all dirt, dust, filling of cracks with approved crack filler, preparing surface for applying painting evenly, scaffolding etc. complete at all elevation as directed by Engineer-in-charge with all materials, labour, tools & tackles, safety tools & tackles etc... all complete.	100.000	Sqm	98.72	9,872.00
202	Providing and applying two coats white washing (lime paint) of approved manufacture with mixing of "Fevicol" or equivalent approved adhesive @ 200gm per 10kg lime, on existing painted surfaces including cleaning of existing surface using wire brush, removing all dirt and dust, preparing surface for applying painting evenly, scaffolding at all elevation with all materials, labour, tools & tackles, safety tools & tackles etc... all complete as directed by Engineer-in-charge.	50.000	Sqm	22.15	1,107.50



203	Same as above item but applying two coats Geru & lime on tree stem for bottom up to 1.50M height as directed by Engineer-in-charge.	450.000	No.	26.65	11,992.50
204	Providing and painting interior surface with two coats of "Berger - Silky Luxury Emulsion" or "Asian - Royal Luxury Emulsion" paint of approved colour and shade as per manufacturer's recommendation including cleaning of existing painted surface, removing dirt, dust, old paint, filling cracks with approved crack filler, filling undulation with POP/approved paint putty for making uniform surface (at required place only), applying approved primer as per manufacturer's recommendations with tools, tackles, safety tools & tackles, scaffolding etc. complete at all elevation as directed by Engineer-in-charge. (Rates are including shifting of racks/cupboard tables etc. for painting wall and resifting to the same location after completing the work).	40.000	Sqm	149.90	5,996.00
205	Providing and applying to exterior surfaces two coats of "Asian - Apex Weather proof exterior emulsion" or "Berger - Weather coat" exterior emulsion paint of approved colour and shade over a coat of exterior sealer on existing painted surfaces as per manufacturer's recommendations, including cleaning of existing surface using wire brush, removing all dirt and dust, filling cracks with approved crack filler, preparing surface for applying painting evenly, scaffolding etc. complete at all elevation as directed by Engineer-in-charge with all materials, labour, tools and tackles, safety tools & tackles etc... all complete.	100.000	Sqm	115.96	11,596.00
206	Providing and painting surface with two coats of first quality approved oil paint for road side concrete curb blocks in two alternate black and white colour including surface cleaning with wire brush.	1,000.000	RM	61.52	61,520.00
207	Providing and painting interior surface with two coats of first quality approved acrylic emulsion paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust loose paint, filling cracks with crack filler, filling undulation with POP/approved paint putty for making uniform surface (at required place only), tools, tackles, safety tools and tackles, scaffolding etc. complete at all elevation as directed by Engineer-in-charge. (Rates are including shifting of racks/cupboard tables etc. for painting wall and resifting to the same location after completing the work).	100.000	Sqm	111.24	11,124.00
208	Above painting works but with first one coat of suitable primer as per manufacturer recommendations.	50.000	Sqm	38.37	1,918.50



209	Providing & painting interior surface of MS CST tank with one coat of Epilux 610 primer and two coats of Epilux-4 Epoxy paint (including cost of necessary Thinner 844, MS scaffolding, tools & tackles, surface preparation, removing existing damaged paint, etc... during limited available shutdown period of about 3-5 days as directed by Engineer-in-charge.	50.000	Sqm	479.68	23,984.00
210	Providing & applying approved Melamine polish on the wooden members/ veneers including preparation of surfaces, filling of putty wherever required & applying smooth uniform polish to the satisfaction of Engineer-in-charge.	5.000	Sqm	766.60	3,833.00
211	Providing & applying two coat of chlorinated rubber based acid/ alkali resistant paint of approved manufacturers specification on structural steel works/concrete works, etc. including preparation of surfaces, etc. complete.	50.000	M2	212.26	10,613.00
212	Letter writing on office and stores furniture including capital items. a) For letter size 1/4"	500.000	Per letter	0.61	305.00
213	b) For letter size 1"	40,000.000	Per letter	0.90	36,000.00
214	c) For letter size 2"	400.000	Per letter	1.80	720.00
215	d) For letter size 3"	30.000	Per letter	1.80	54.00
216	Painting of posters (safety posters)	170.000	Sq.ft.	45.57	7,746.90
217	Writing names on buildings, structures and offices.	200.000	Sq.ft.	45.57	9,114.00
218	Scrapping, cleaning and repainting of existing boards / hoardings. a) Within a radius of 25 kms from our site.	800.000	Sq.ft.	45.57	36,456.00
219	b) At our site / colony	1,000.000	Sq.ft.	41.97	41,970.00
220	c) At our Mines site	5,000.000	Sq.ft.	41.97	2,09,850.00
221	Art work like Logo / emploum painting, figure painting	3.000	Sq.ft.	41.97	125.91
222	Two coats of enamel paints on the backside of hoarding board/safety poster.	300.000	Sq.ft.	18.46	5,538.00



223	Providing and painting existing Jumbo size MS safety boards with enamel paints, including two coats of red oxide primer then, after drying, two coats of synthetic enamel paint and finally writing of safety slogans with boarder as directed. Rate is inclusive of all necessary arrangements for working at height, scrapping and cleaning of existing boards, painting evenly with using of good quality brushes and other tools-tackles including providing and fixing of safe scaffolding for painting at any height, providing all required approved brand and shade paints, all consumables, skilled-unskilled labour, supervision, lighting, safety equipments, all required materials, tools, tackles, loading, unloading, shifting, transporting, storing of all necessary materials, equipments, tools at suitable location, disposing of residual material and empty drums of paint after completion of work to outside of plant etc., all complete as directed by Engineer-in-charge or Officer concern.	500.000	Sq.ft.	55.37	27,685.00
224	Engineering Grade reflective sticker (L.G. Company Reflective supply and fixing (MS/GI Board is in GIPCL scope).	1.000	Sq.ft.	369.15	369.15
225	H. WATER SUPPLY AND SANITARY WORKS: Supply charges of plumber with tools & tackles on prorata basis for fixing of following items no. 226 to 263 on prorata basis for total daily given work quantity up to 2 Units or in case of main sanitary/plumbing material issued by GIPCL at free of cost.	40.000	No.	599.60	23,984.00
226	Providing & fixing in position 'HINDUSTAN' 'CERA' or its equivalent first quality white glazed vitreous china clay WC pan with 'P' or 'S' trap as required including cutting the wall, floor, if required and making good the same, jointing inlet & outlet connections, etc. complete as directed by Engr for the following: a) ORISSA' pattern WC pan of 508 mm size (Basic rate Rs. 2,000/-)	10.000	No.	3,568.45	35,684.50
227	b) EUROPEAN' type WC pan-508 mm size with plastic seat cover floor or wall mounted (Basic Rate Rs. 5,400/-)	10.000	No.	7,734.87	77,348.70



228	Providing & fixing white glazed vitreous China clay HINDUSTAN' 'CERA' or its equivalent first quality wash hand basin of 550mm x 400mm size with CI brackets including grouting the C.I. bracket in wall with cement concrete, jointing inlet & outlet connections, etc. complete as directed. Basic rate of wash basin Rs. 1,500/-	4.000	No.	3,103.54	12,414.16
229	Same as above but for Oval shape wash hand basin of size 600 mm for basic rate Rs. 1,700/-	1.000	No.	3,445.40	3,445.40
230	Providing & fixing white glazed flat back urinals HINDUSTAN' 'CERA' or its equivalent first quality of 465 x 365 x 265 mm size including CI brackets, fixing with screws in wall, inlet, outlet connections, etc. completed. Basic rate of Urinal Rs.1,000/-	5.000	No.	2,214.90	11,074.50
231	Same as above item but for flat back half stall type urinal of size 610 x 410 x 380 mm. Basic rate of Urinal Rs. 1,900/-	1.000	No.	3,937.59	3,937.59
232	Providing & fixing mirror of Gold fish, Atul Modi or equivalent quality mirror glass of size nearly too 550 x 400 x 5 mm thick with 6 mm thick marine plywood/ pvc sheet / cement sheet back including or without PVC frame, hook for fixing on wall, with necessary rawal plugs, screws, etc. complete with all labour and materials. In case of other than rectangular shape, long dimension should be nearly matched. Basic cost of mirror shall be Rs. 950/-.	10.000	No.	1,353.54	13,535.40
233	Providing & fixing superior quality stainless steel soap dispenser (500ml) with high quality ABS pump & CP brass screws, etc. complete. Basic rate Rs.2,000/-. Make should be either CHILLY or other approved equivalent only.	1.000	No.	2,645.45	2,645.45
234	Providing & fixing CP brass L&K, crown, prince or equivalent quality fixtures of 1/2" dia. (15 mm) including fixing of new fittings with Teflon or hold tight, removing of existing fixtures, etc. complete for the following: a) Bib Tap (Basic rate Rs. 550/-)	10.000	No.	879.81	8,798.10
235	b) Stop cock (Basic rate Rs. 400/-)	2.000	No.	676.77	1,353.54
236	c) Angle cock (Basic rate Rs. 400/-)	1.000	No.	676.77	676.77
237	d) Reinforced PVC inlet pipe up to 600mm long (Basic rate Rs. 85/-)	2.000	No.	184.57	369.14
238	e) C. P. Shower (Basic rate Rs. 900/-)	1.000	No.	1,328.94	1,328.94



239	Labour charges for servicing/ repairing of flushing tanks including removing of existing fittings, repairing & refixing the same, changing of washers, etc. complete.	15.000	No	200.27	3,004.05
240	Providing & fixing PVC flushing tank 10 Liter capacity of champion or its equivalent quality with necessary fittings, etc. complete (basic price Rs.900/-).	20.000	No.	1,353.54	27,070.80
241	Providing & fixing approved heavy CI Nanhi trap with stainless steel grating including cutting the walls & floors & making inlet & outlet connections, etc. complete (basic price Rs. 260/-).	1.000	No.	504.51	504.51
242	Providing & fixing 150 mm square heavy-duty stainless steel jali of approved quality on floor trap including removing of existing jali, chipping and making good the same, etc. complete. Basic price Rs. 250/-.	10.000	No.	344.54	3,445.40
243	Providing & fixing Hindware or equivalent approved CP brass waste coupling for wash basins and sinks (heavy duty) 32 mm dia including removing old coupling, etc. complete. (Basic price Rs. 250/-)	5.000	No.	430.67	2,153.35
244	Providing & fixing PVC spiral pipe with PVC socket for urinal / wash basin outlet. (Basic price Rs. 250/-)	5.000	No.	430.67	2,153.35
245	Providing & fixing approved quality heavy duty 40 mm dia. Rigid PVC pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing, testing, etc. complete. a) Pipes (Basic price Rs. 80/- per M)	5.000	RM	184.57	922.85
246	b) Fittings such as elbow, tee, coupling, reducer, etc. (Basic price Rs. 70/-)	5.000	No.	123.05	615.25
247	c) Nahni trap (Basic price Rs. 200/-)	10.000	No.	430.67	4,306.70
248	Supplying, laying & fixing 'B' class Swastik or Jindal make G.I. pipe for water in trenches, floors, walls including embedding, jointing with holdtight, or white lead and fine hamp yarn with socket & screw joints including bends, tees, reducers, sockets, unions & other specials, fixing wall hooks in wooden plugs or embedding in walls, floors & applying bituminous paint, plastic wrapping, etc. for concealed work, excavation & backfilling wherever required & disposal of surplus spoil as directed, cutting pipes to required length, making connections, threading, cutting chases or holes in walls/ floors, etc. and making good the same including testing, etc. complete for (A) concealed and Underground work: More than 40 mm & up to 50 mm dia (Basic price Rs. 360/- per M)	6.000	RM	727.22	4,363.32



249	Providing & Fixing CPVC pipes SDR-13.5 confirming to IS:15778 of Prince/Supreme/Astral make for domestic water supply including cutting, making threads at all floor levels including fixtures like bends, tees, shoe, elbow, union, nipple etc joined with IPS WELD ON solvent cement or equivalent resin of approved brand & manufacture etc. complete for (A) concealed and Underground work: More than 15 mm & up to 25 mm dia (Basic rate Rs. 150/- per M)	6.000	RM	351.92	2,111.52
250	(B) Same as above item but for opened piping: 1) Up to 15 mm dia (Basic rate Rs. 70/- per M)	6.000	RM	151.35	908.10
251	2) Up to 25 mm dia (Basic rate Rs. 150/- per M)	6.000	RM	327.31	1,963.86
252	Providing & Fixing UPVC pipes SCH 40 as per ASTM D 1785 and ASTM D -2466 of Prince/Supreme/Astral make for domestic water supply including cutting, making threads at all floor levels including fixtures like bends, tees, shoe, elbow, union, nipple etc joined with IPS WELD ON solvent cement or equivalent resin of approved brand & manufacture etc. complete for (A) concealed and Underground work: 1) Up to 15 mm dia (Basic price Rs. 60/- per M)	70.000		221.49	15,504.30
253	2) Up to 25 mm dia (Basic price Rs. 100/- per M)	100.000	RM	238.71	23,871.00
254	3) Up to 40 mm dia (Basic price Rs. 140/- per M)	6.000	RM	270.71	1,624.26
255	4) Up to 50 mm dia (Basic price Rs. 185/- per M)	6.000	RM	332.24	1,993.44
256	5) Up to 75 mm dia (Basic price Rs. 390/- per M)	6.000	RM	756.76	4,540.56
257	(B) Same as above item but for opened piping: 1) Up to 15 mm dia (Basic price Rs. 60/- per M)	12.000	RM	123.05	1,476.60
258	2) Up to 25 mm dia (Basic price Rs.100/- per M)	12.000	RM	141.51	1,698.12
259	3) Up to 50 mm dia (Basic price Rs. 185/- per M)	6.000	RM	344.54	2,067.24
260	4) Up to 75 mm dia (Basic price Rs. 390/- per M)	6.000	RM	695.23	4,171.38



261	Same as above but providing and fixing SWR Grey colour UPVC pipes (Type-"B") of Prince/Supreme/Astral make 160mm OD (outer diameter) for roof rain water down-take pipe works including all necessary specials like shoes, bends, tees, Y or any other specials required to suit site conditions, etc... complete and waterproof jointed & connections with roof gutter with wavin cement & lubricants, fixing with necessary heavy duty approved MS clamps 35x5mm, MS brackets, bolts & nuts at required spacing as directed by Engineer-in-charge (Basic price Rs.430/- per M)	6.000	RM	875.42	5,252.52
262	Providing & fixing approved quality ISI mark GI plumbing fixtures & fittings like but not limited to union, elbow, Tee, bends, nipples, coupling, reducer, etc... as per plumbing & sanitary maintenance requirements as directed by Engineer-in-charge. Up to 15 mm dia	5.000	No.	195.47	977.35
263	Providing & fixing a pair of C.I./M.S. bracket for wash basin, flushing tank, etc. including removing existing bracket & repairing the wall as per original, etc. complete.	4.000	No.	179.88	719.52
264	Construction of manhole in 230 mm thick brick masonry in cement mortar 1:4, 75 mm thick cement concrete 1:2:4 at bottom, 15 mm- trial smooth cement plaster to inside surfaces, chamfering /vata at bottom, NECO make heavy duty CI cover including necessary excavation, backfilling, curing, pipe connections, etc. complete as per specifications & drawing. a) For 300 x 300 mm size chamber with a gully trap	2.000	No.	1,919.58	3,839.16
265	b) For size 450 x 450 & depth up to 600 mm	25.000	No.	3,199.30	79,982.50
266	c) For size 600 x 600 & depth up to 750 mm	10.000	No.	3,814.54	38,145.40
267	d) For 750 x 750 mm & depth 1000 mm	5.000	No.	7,629.09	38,145.45
268	Supplying and fixing in position ISI mark PVC/UPVC/CPVC fittings of different varieties like tee, bend, union, coupling, elbow, reducer, nipple, etc. 1) Up to 15 mm dia	10.000	No.	70.75	707.50
269	2) Up to 25 mm dia	10.000	No.	123.05	1,230.50
270	3) Up to 50 mm dia	2.000	No.	258.40	516.80



271	Attending of continuous water flow of flush valves of toilet block in power plant, solar plant, mines offices etc.	2.000	No.	124.72	249.44
272	Attending overflow problem by replacing ball/rod for ball codes provided in overhead tanks / sintex tanks / water coolers.	6.000	No.	209.86	1,259.16
273	Removing water from overhead tank, cleaning and drying the pipe, applying M-Seal and making leak proof and refixing ball cock.	1.000	No.	320.19	320.19
274	Attending leakage/chock up and refixing of wash hand basin/sink/urinal and similar sanitary items as directed by Engineer-in-charge.	30.000	No.	215.86	6,475.80
275	Labour charges for fixing of water cooler and its attachments in plant/ mines.	6.000	No.	512.06	3,072.36
276	Removal of chock up from toilet blocks of power plant & mines.	1.000	No.	313.77	313.77
277	Attending/repairing of flush/flush cistern/flush tank in toilet blocks of various buildings.	10.000	No.	359.76	3,597.60
278	Attending water complaint and removing and cleaning of ball cock and refixing the same and solving water problem in power plant & mines.	2.000	No.	239.84	479.68
279	Removal of connection from the overhead sintex tank from pantry of site office building or from other building of power plant.	2.000	No.	190.67	381.34
280	Labour charges for fixing of various plumbing fittings such as pillar cock / Bib cock / stop cock / angle cock / stop cock / health faucet, Urinal spreader / PVC Inlet / PVC waste pipe / liquid soap dispenser, etc... or repairing of the same as directed by Engineer-in-charge.	300.000	No.	209.86	62,958.00
281	Labour charges for fixing of new G.I. or PVC Pipe Line in power plant or mines up to 3" dia.	700.000	R.mtr.	190.67	1,33,469.00
282	Labour charges for fixing of new wash basin with necessary connection & fittings in power plant or mines	6.000	No.	419.72	2,518.32
283	Making opening in wall and grouting pipe up to 150mm dia.	3.000	No.	190.67	572.01
284	Making opening in brick wall	12.000	No.	124.72	1,496.64
285	Visit charges of plumber with tools & tackles including to & fro transportation on prorata basis for restricted total daily given sanitary quantity less than or equal to 5 units as decided by Engineer-in-charge.	35.000	Visit	430.67	15,073.45



286	Supply of plumber with tools & tackles for miscellaneous plumbing & sanitary related requirements in Plant, Mines, Solar, ELHS, Bodhan & Patna pump house etc... which includes day to day assistance in various complaints for identification of problem in water supply, identification of plumbing & sanitary related local issues in various toilet blocks, toilet block water supply, drinking water supply, overhead water tanks, survey for material requirements for maintenance & modification jobs, identification of leakages in water supply lines, plumbing connections, sanitary lines and selection of materials/spares with quantity of requirements, etc... as well as to attend any emergency plumbing, sanitary & water supply related complaints during odd hours/off days as per day to day requirements, AOH & shutdown requirements, etc... as directed by Engineer-in-charge.	720.000	Man-day	550.00	3,96,000.00
287	I. ROAD WORKS: Providing & laying compacted avg. 230 mm thick boulder soling using rubble available at JNT-13(conveyor belt) including transportation of same at location to work with interstices filled with smaller pieces, using murrum as binding material including watering, properly compacted with power roller to correct line and level and slope as per specifications.	5.000	M3	750.00	3,750.00
288	Providing & Laying 37.50mm average consolidated thick dense bitumen premix carpet using 20mm and 10mm downgraded black trap aggregates (Proportion shall be decided by Engineer-in charge) and using bitumen 60/70 grade as binder at 56 kg/m ³ of aggregates (3.70% bitumen by weight of total mix of mix) including applying tack coat over semi grouting surface at rate of 0.50 kg/m ² , including mixing by Drum mix plant, transporting, spreading and levelling by paver at the specified line, level and camber, rolling with heavy duty vibro roller and also cleaning of surface using brush etc complete all as per detailed technical specifications and as directed by Engineer-in-charge etc. Contractor shall carry out weight of empty dumper and loaded dumper or tractor trolley and shall produce weigh bridge slip for measurement purpose. Material to be used at various random locations inside plant or colony as per this item description.	50.000	MT	3,322.35	1,66,117.50



289	Providing & laying average 25mm consolidated thick Bituminous concrete (BC) using black trap crushed stone aggregates as per required gradation and using emulsion (Rapid Setting) asphalt as a tack coat @ 2 Kg per 10 M2 and the 60/70 VG-30 grade asphalt at 5% (i.e. 50 Kg per MT) by total weight of mix hot laid process using drum mix plant including heating and mixing asphalt & materials by drum mix process, transporting the mix and laying by paver finisher including consolidation with vibratory roller, etc... all complete as per specifications and instructions of Engineer-in-charge.	100.000	M2	204.26	20,426.00
290	Same as above item but quantity on weight basis supplied by dumper. Contractor shall carry out weight of empty dumper and loaded dumper or tractor trolley and shall produce weigh bridge slip for measurement purpose. Material to be used at various random locations inside plant or colony as per above item description.	25.000	MT	3,833.01	95,825.25
291	Providing & laying RCC Hume pipe conforming to class NP2 including cutting of roads wherever necessary excavation, laying in position, bedding, jointing, grouting, backfilling, testing, etc. complete as per specification. a) 600 mm dia	25.000	RM	2,171.83	54,295.75
292	b) 300 mm dia	10.000	RM	1,021.32	10,213.20
293	Repairing of Road patches including removing damaged portion, cleaning & disposal of loose materials, Providing & Laying built up spray grout base course, carpet, seal coat layer, painting with bitumen and make the patches perfectly in order and match with existing road surface.	10.000	M2	1,107.45	11,074.50



294	Providing, Laying, spreading and compacting graded stone aggregate to wet mix macadam (WMM) at average thickness of 100mm thick (Compacted thickness) and including marking of pegs for setting out as per detailed specification, premixing the material with water at OMC (Optimum Moisture Content) in mechanical mix plant carriage of suitable mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density and as directed by Engineer-in-charge.	25.000	M3	1,230.50	30,762.50
295	Asphalt painting on road surface with bitumen 60/70 grade @ 7.5 Kg per 10 M2 including heating the asphalt and spraying the same then spreading approved sand over the treated surfaces at the rate of 0.5 M3 per 100 M2 and also cleaning of surface using brush & disposal of dust/waste outside the premises etc... all as per specifications and instruction of Engineer-in-charge.	500.000	M2	55.37	27,685.00
296	Filling of dry fly ash up to required level including watering, compacting, levelling, shifting & transportation (if required) etc., complete as directed by E-I-C. (Fly ash of required quantity shall be supplied at nearest possible location on specific request and the remained unused quantity shall be removed from site).	50.000	M3	190.72	9,536.00
297	Providing and laying of hot applied thermoplastic compound average 2.5 mm thick including reflectorizing glass beads @ 250 gms per sqm area, thickness of average 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes all complete as per Technical specifications of MORTH Clause no. 803 for Lane, center line, edge, directional arrows and letters, etc. as directed by the Engineer-in-charge.	20.000	M2	479.90	9,598.00



298	Providing and filling expansion joints in concrete road by 25 mm thickness SILFEX pre moulded compressible filler board in black colour, of approved make (Supreme industries or equivalent) confirming MORTH specification (Clause 1015), having minimum density of 95 Kg/ Cum, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per the specifications and filling with bitumen tar and sand mixture to finish the top surface including all material, labour, transportation, tools & tackles etc complete as directed by Engineer-in-charge.	4.000	M2	3,154.03	12,616.12
299	Supply of following material at SLPP site including transportation, taxes & duties etc complete. (I) Stone Aggregate of 20 mm down	10.000	MT	975.00	9,750.00
300	(II) Stone Aggregate of 40 mm down	10.000	MT	720.00	7,200.00
301	(III) Stone Aggregate of 40 to 63 mm down	50.000	MT	720.00	36,000.00
302	(IV) Supply of Red Muram	10.000	MT	315.00	3,150.00
303	(V) Supply of quarry dust material	10.000	MT	540.00	5,400.00
304	(VI) Supply of Fine Sand (Narmada)	10.000	MT	750.00	7,500.00
305	(VII) Supply of Ash Bricks	1.000	Per 1000 Nos.	4,000.00	4,000.00
306	J. ROOF COVERING, WATER PROOFING TREATMENT, STRUCTURE REPAIRS: Supply charges of skilled & experienced applicator along with tools & tackles including to & fro transportation on prorata basis for application of all the following items of Part-J in case of material issued by GIPCL at free of cost from GIPCL store for eight-hour duty per day. For less than or more than eight hours, payment will be made on prorata basis. Also, in case of GIPCL's specific requirement of works having total value of work requirement less than Rs.10000/- for any specific instance, the supply charges for applicator will be paid at 50% per day only after advance intimation & confirmation from GIPCL.	10.000	Day	1,353.55	13,535.50



307	Removing of existing Tarfelt or APP (Atactic Polypropylene Polymer) waterproofing membrane up to bare level slab and cleaning the surface. All loose particles to be removed with the brush or any means and disposal of the same outside the plant premises at any authorized location as per prevailing GPCB norms for all leads & lifts, etc. complete as directed by Engineer-in-charge and as per detail scope of work.	100.000	M2	40.77	4,077.00
308	Providing, supplying & applying/fixing of average 03mm thick APP (Atactic Polypropylene Polymer) modified and reinforced with Polyester matt (about 160 Gram/M2) waterproofing membrane (Min. 3.50 Kg/M2) of approved makes which consisting of a coat of approved low viscous bituminous primer (maximum 0.20% water content) at about 250 gms per sqm of approved make. Over the primer coat, the membrane shall be laid using torch and sealing all joints with minimum side overlap of 100mm & minimum end lap shall be 150mm (as site suitable) and preparing the surface etc... including providing, supplying & applying two coats of Ultra Violet (UV) resistance approved make bitumen based aluminum finish anti corrosive premium quality protective coating with paint brush above the APP membrane for the UV protection and for the longer life of membrane after proper cleaning of surface etc... complete as per manufacturer's specifications for all such locations as directed by Engineer-in-charge.	100.000	M2	524.00	52,400.00
309	Same as above item but for total executed gross work done quantity less than or equal to 10 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	1.000	M2	676.35	676.35
310	Applying pressure Grouting work by using grouting pump, including drilling holes at required portion up to 4", fixing nozzles by using rapid setting instant plug material, sealing of cracks with material and injecting cement slurry grout with pressure etc. complete as directed by the manufacturer and EIC.	100.000	No.	540.84	54,084.00



311	Supplying & applying PU injection grouting including drilling holes fixing non-returnable aluminum packers and injecting the PU grout material polyurethane aqua reactive form first time and applying NITOFIL UR 63 FOSROC (or equivalent approved) make for second time through the same packers by using high efficient electrical PU grouting pump etc. complete as directed by the manufacturer.	90.000	No.	3,925.00	3,53,250.00
312	Providing and applying approved Polysulphide sealant into expansion joints of average size 25mm X 25mm including, cleaning of groove, providing necessary PU backer roll into groove, priming of adjacent sides with Primer etc. complete as directed & manufacturer specification. In case of size other than 25mm X 25mm, payment will be made on pro-rata basis as per actual average size.	10.000	RM	785.06	7,850.60
313	REPAIRING / RETREATMENT OF EXPANSION JOINTS: Providing and filling of one part medium modulus sealant Nitoseal MS600 (or equivalent approved make) including making of additional groove having size 15mm X 15mm on either side of joints by using concrete cutter machine, making joint section as per attached drawing, cleaning of the substrate, sticking of debonding strips, placing of back up rod, priming of the substrate with Primer MS20, filling of Nitoseal MS600 (or equivalent approved make) with appropriate Sealant Gun, Tooling of the filled joint etc... completed as directed.	90.000	RM	5,955.25	5,35,972.50
314	Providing and filling "Fosroc" make Thioflex 600 polysulphide (or equivalent approved make) based joints sealant including all materials, labours, tools & tackles etc. as per manufacturer's specifications & recommendations and as directed & instructed by Engineer-in-charge as per following sequence. <ul style="list-style-type: none"> • Removing of existing materials/flooring. • Cutting of the groove 40mmx25mm along the expansion joint with concrete cutter. • Fixing of standard Backer rod. • Filling of joints with Thioflex 600 or equivalent. • Fixing of 2 mm thick Aluminum sheet on exposed expansion joint @ 150mm wide x 2mm thick. 	20.000	RM	2,097.41	41,948.20



315	Re treatment of existing expansion joints which includes cleaning and breaking the plaster on edges as required up to 6 inches, removing existing expansion joint material, repairing the edges with polymer modified plaster including priming coat of Acrylic polymer and cement, Curing the edges for three days, Filling the width varies from 25mm up to 50mm joint with average 60mm PU Backer Rod, Priming the grooves with sealant primer, Filling the joints with approved make Polysulphide sealant about 2.10 Kg Per RM Consumption including primer, Covering the expansion joint with Fosroc make Expoband One tape or Asian paints make SmartCare TPE tape 150mm or 200mm width as per site suitable.	100.000	RM	3,562.96	3,56,296.00
316	Supplying & pouring epoxy grout for MS Rail or other structure grouting on existing RCC base at specified locations or as directed by Engineer-in-charge with a pre-packed three component solvent free epoxy resin grout Conbextra EP300 of "Fosroc" make (or equivalent approved make) which shall be mixed on site. The grout must be applied strictly in accordance with the manufacturer's technical data sheet including surface preparation, mixing, placing etc. complete as per manufacturer's specifications & recommendations including all materials, tools, tackles, labours etc. Scope of work also includes cleaning/removing of existing damaged concrete & surface cleaning with required tools like concrete cutter, blower, etc...	0.500	M3	5,69,622.51	2,84,811.26
317	Providing and applying Repairing of nonstructural cracks by using 1:3 cement mortar and NITOBOND SBR of FOSROC make (or equivalent approved make) including making V' groove (25 MM), applying bond coat, and filling gape with polymer modifier mortar etc. complete as directed by the manufacturer.	450.000	RM	256.63	1,15,483.50



318	Repairing of cracks at various level, including chipping, removing of old plaster and widening of cracks, cleaning of surface and repairing of same using approved quality chemical as per manufacturer recommendation with pressure grouting at every 1.00 meter length to get water proof surface. After grouting the crack, 300 mm plaster removed at equidistance of crack shall be re done with applying chicken mesh of 150 mm. Rate is including removing and disposing of debris, supply of all material, chemicals, tools, tackles etc., complete.	50.000	RM	392.14	19,607.00
319	Providing & repairing cracks by using epoxy putty including making 'V' groove by using grinder machine etc. complete as directed by Engineer-In-Charge and manufacturer specification.	50.000	RM	107.93	5,396.50
320	Providing and applying two coats of MYK AQUAFIN 2C or equivalent approved make (High performance two component crack bridging flexible waterproof coat) including necessary surface preparation etc. complete as per manufacturer specification and directed.	135.000	M2	702.73	94,868.55
321	Providing and repairing of junctions of MS plate, machine foundations and concrete, sealing joint with silicon sealant, apply one coat of epoxy bonding agent and making polymer base 4" vata on floor and wall junction and periphery of foundation.	64.000	RM	635.58	40,677.12
322	Providing and repairing of junctions of Steel column, cable, machine foundations and concrete, sealing joint with epoxy grout, PU sealant on periphery of foundation or column.	1.000	RM	1,406.67	1,406.67
323	Providing and applying two coats of BRUSHBOND TGP (make FOSROC) or equivalent approved make High performance Crystalline waterproof coat over surface including surface preparation etc. complete as directed by the manufacturer.	350.000	M2	702.73	2,45,955.50
324	Providing and applying waterproof polymer plaster 1:3 (cement : sand) and enriched with NITOBOND SBR of FOSROC make (or equivalent approved make) etc. complete as directed by the manufacturer.	50.000	M2	2,246.11	1,12,305.50



325	Providing and applying average 2.0 mm thick composite flooring system on concrete surface having moisture content less than 5 %. Surface preparation includes grinding of concrete surface, proper cleaning, removing of loose mortar, paint residuals, curing compound residues, repairing of floor cracks and dents using epoxy putty. Using slow speed heavy duty mixing drill, mix all components Nitofloor EU5 (or equivalent approved make) - High Strength Self-Smoothing Epoxy Underlay having compressive strength of 70 N/mm ² , Flexural strength of 25 N/mm ² and Tensile strength of 12 N/mm ² @ 7 days and pour on prepared surface, level the material using serrated trowel and roll the same with spiked nylon roller to remove slight trowel marks and entrapped air from the material and allow the same to dry overnight. Followed by application of polyurethane coating Nitofloor PUW 100 (or equivalent approved make) – Water dispersed polyurethane floor coating having Pull off Adhesion Strength > 3 N/mm ² (concrete failure), Pencil Hardness > 2H, Impact Resistance > 50, Abrasion resistance < 35 mg, Volume Solids – 45 %. Coating to be applied by suitable brush or roller etc. complete as per manufacturer's specification.	150.000	M2	1,150.04	1,72,506.00
326	Providing & applying epoxy (conbextra EP 10M or approved equivalent) injection grouting or very low viscosity (2 - 5 CPS), High Molecular Weight Thermoset Polymer grouting with a pressure up to 2 Kg/cm ² . Grouting is to be continued till nozzle refuses to accept further grout by pressure grouting pump, including drilling holes, fixing nozzles etc. complete as directed by Engineer-in-charge.	50.000	No.	1,014.53	50,726.50
327	Repairing of damaged concrete surfaces and honeycombs with polymer modified MYK Crete CMS 4500 (or equivalent approved make), which is based on carefully blended cement, graded fillers and chemical additives and is polymer modified to provide a mortar with good handling characteristics, while minimizing water demand, including required surface preparation etc. complete as directed by Engineer-in-charge.	2.000	M3	1,19,920.53	2,39,841.06



328	Chipping off loose and damaged plaster and / or cover concrete up to good parent concrete or up to reinforcement level using chisel and hammer and cleaning the reinforcement and concrete surfaces with wire brush to receive further treatment.	180.000	M2	473.69	85,264.20
329	CORROSION REPAIR: A). Surface preparation including removal of all disintegrated materials, cleaning the concrete surface with metal wire brush, exposing the surfaces of reinforcement and applying 1 coat of alkaline rust converter FEOVERT (or equivalent approved make) followed by 1 coat of Migratory corrosion Inhibitor EPCO KP 100 (or equivalent approved make) to arrest the corrosion in embedded concrete. The rust remover shall be alkaline in nature and its PH shall be around 8.5 to 9. B). Applying 2 coats of interpenetrating polymer network IP NET-RB (or equivalent approved make) rebar coating to the exposed reinforcement as per engineers instruction.	180.000	M2	513.26	92,386.80
330	Providing & applying single component, dual shrinkage compensated, fibre reinforced thixotropic polymer modified repair mortar REPPATCH 45 T (or equivalent approved make) in average 25 mm thickness as directed by Engr. I/c.	180.000	M2	3,705.42	6,66,975.60
331	STRENGTHENING OF RCC WITH EPOXY GROUTING Drilling holes of 16 mm dia into concrete to required depth, cleaning the holes, fixing flexible PVC pipe nozzles for grouting purpose, sealing the gap around the nozzle and cracks with epoxy putty EPCO 1010 (or equivalent approved make).	80.000	Nozzle	446.10	35,688.00
332	Grouting to be carried out by injecting very low viscosity (2 - 5 CPS), High Molecular Weight Thermoset Polymer MONOPOL (or equivalent approved make) with a pressure up to 2 Kg/cm ² . Grouting is to be continued till nozzle refuses to accept further grout.	20.000	Kg.	1,353.55	27,071.00



333	Providing & carrying out super fluid anti-washout grouting with PC grout as per manufacture's recommendation through the nozzles with pressure up to 10 kg/cm2 generated by compressor or diaphragm pump in the concrete mass/structural cracks until the nozzles refuses to accept the grout, cutting the nozzle after setting of grout and filling the cavity with epoxy putty including materials, labour, machinery etc.	1.000	Kg.	215.49	215.49
334	Equipment foundation/pedestal grouting with Conbextra GP-2 or GP-1 (or equivalent approved make). Existing surface shall be roughened properly and shall be applied Nitobond (or equivalent approved material) as per manufacturer's specifications before poring material as directed by Engineer-in-charge. Cost includes necessary shuttering work.	3.000	M3	67,700.17	2,03,100.51
335	Conditional scaffolding charges for all above works of Part-J as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding for work height more than and equal to 4.00M where, according to GIPCL, no other option to execute the work without scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing approved scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason.	1,000.000	M2	172.27	1,72,270.00
336	K. MISC. WORKS: Closing of small openings, holes, etc. with bricks /cement concrete as per instructions of engineer with both side plastering, shuttering, whichever required etc. complete and for hole size up to 0.10 m2.	5.000	No.	98.44	492.20



337	Transportation of various materials including loading, unloading transporting with tractor, from one place to another place inside plant area or disposal outside plant area to suitable location, etc. complete with all lead & lift. The contractor shall make his own arrangement for disposing the debris / earth outside plant area. For materials like plastic, paper waste, cable scrap, insulation materials, wooden scrap, earth, debris, brick bats, sand, aggregates, ash, Bed Material, waste lignite, Wild growth, grass, tree branches, etc.	10.000	Trip	369.15	3,691.50
338	Cleaning of storm water drain along the road side and peripheral drains of various buildings by removal of soil, slush, weeds, bushes, waste lignite and ash from drains of various sizes up to the drain raft top, including disposal of the same within lead of 3.00 kms. using tractor and trolley and also including removal of precast cover and replacement of the same in position as and when required for cleaning some of the drain.	50.000	R.Mtr.	61.52	3,076.00
339	For any item for providing, fixing, laying or applying or material not included in this contract work shall be paid as actual expenditure of material & labour with take care of overhead and profit on submission of original bills with material gate inward challan duly signed & stamped by Gate security of SLPP.	2,50,000.000	%	1.10	2,75,000.00
340	Providing & fixing Supreme/ prince make rigid PVC down take pipes / fittings of 150 mm dia including fixing solution, GI clamps, etc. at all elevations. clamps, etc. Pipes (basic rate Rs.540/- per meter)	15.000	Rmt.	767.49	11,512.35
341	Same as above item for piping works but for 110mm dia. size. (a) Pipes (basic rate Rs.270/- per meter)	60.000	Rmt.	443.71	26,622.60
342	(b) 75mm dia. (basic rate Rs.221/- per meter)	6.000	Rmt.	354.96	2,129.76
343	(c) 50mm dia. (basic rate Rs.101/- per meter)	6.000	Rmt.	172.27	1,033.62
344	(d) Fittings such as bends, tee, elbow, Y, T, coupling, etc.	10.000	No.	77.52	775.20
345	Fixing of door or window including grouting hold fasts / fitting with necessary fasteners for wooden/MS/Aluminum type doors or windows and making good the walls, etc.	5.000	M2	319.92	1,599.60



346	(A) Providing, supplying and fixing 5mm thick glass panes including all necessary transportation, cutting, cleaning, scaffolding, fixing, removal of broken glass pane wherever necessary, disposing the same, fixing with best quality putty or wooden battens, pins, as necessary with all materials and labour at all elevations. For plain / pin headed glass i) Up to 3.00 m level height from floor of any level.	10.000	M2	1,379.09	13,790.90
347	ii) Above 3.00m level height from floor of any level (Required scaffolding from floor level is in the contractor's scope.)	2.000	M2	1,439.05	2,878.10
348	(B) For 6mm thick wired glass or 3mm plain acrylic sheet : i) Up to 3.00 m level height from floor of any level.	80.000	M2	1,200.00	96,000.00
349	ii) Above 3.00m level height from floor of any level (Required scaffolding from floor level is in the contractor's scope.)	40.000	M2	1,300.00	52,000.00
350	Supplying and fixing best quality putty on glass pane of windows at all elevations including cleaning old putty etc.. complete. at all elevations.	50.000	M2	70.75	3,537.50
351	Supply charges of carpenter/skilled worker along with tools & tackles including to & fro transportation on prorata basis for emergency glass fixing work (i.e. for given daily work quantity less than 3 M2) for eight-hour duty per day. For less than or more than eight hours, payment will be made on prorata basis.	5.000	Day	1,230.50	6,152.50
352	Servicing & realigning any type of venetian blind including repairing of gear wheel and adjusting chords & locks & repairing, etc. complete. Charges of spares will be paid under respective items available above in SoR.	2.000	Visit	1,230.50	2,461.00
353	Repairing of hydraulic door closure including removing & refixing in position, changing lubricant oil, servicing, etc. complete. Carpenter supply will be given in separate item of manpower supply on prorata basis.	4.000	No	194.27	777.08
354	Labour charges for fixing of aluminum partition removed earlier including necessary hardware, rectifications / modifications if required, as directed by Engineer.	5.000	M2	320.19	1,600.95



355	Labour charges for fixing of false ceiling & electric fittings, removed earlier including fixing of hangers, hooks, necessary hardware, rectification, if required, etc. complete.	90.000	M2	320.19	28,817.10
356	Repairing rolling shutters of gear operated by opening of the cover, servicing, oiling, greasing, fitting of old/new springs, nuts, etc. complete including replacing of the parts making necessary scaffolding etc. complete and make rolling shutter operative. payment of parts will be made in respective item of supply of parts.	10.000	No.	4,872.37	48,723.70
357	Servicing, oiling, greasing of rolling shutters of various sizes fitting of old springs, nuts, etc. complete to make smooth operation of rolling shutter. (The payment of parts will be made in respective item of supply of parts.)	6.000	No.	2,200.54	13,203.24
358	Supplying and fixing of the parts for rolling shutter. a) Wheel up to 20 cm dia.	1.000	No	677.55	677.55
359	b) M.S. strip with fitting	200.000	Rft	91.14	18,228.00
360	c) Spring	2.000	No	3,391.35	6,782.70
361	d) Shaft	10.000	Rft	208.66	2,086.60
362	e) Total gear system	4.000	No	11,090.25	44,361.00
363	Providing & fixing standard aluminum bedding for aluminum partition, window, door, etc. for fixing glass, panel, etc. with rubber beading.	5.000	Rm	129.51	647.55
364	Labour charge for laying, transporting to site and erecting in position 160 mm dia. HDPE Rain water pipe from various building at all height, including all operation such as scaffolding, cutting, straightening, erecting in position, welding with hot plate, clamping using heavy duty clamps at every 3 meter. length with existing structure, removal of damaged existing HDPE pipes etc. complete as directed by engineer-in-charge.	100.000	R.Mtr.	208.66	20,866.00
365	Providing and placing in position 60 mm thick " I " shape or other approved pattern and size interlocking block in required colour combination of compressive strength 200 kg/cm ² , manufactured from Fly ash, transportation to site, placing in position, levelling of blocks, compacting by machine, including cost of all labours, supervision, materials, equipments, tools & tackles etc... all complete as directed by Engineer-in-charge.	25.000	M2	521.65	13,041.25



366	Same as above but rubber moulded interlocking paver blocks of approved pattern and size.	1,000.000	M2	677.55	6,77,550.00
367	Only labour charges for repairing & releveling of existing interlocking block pavements at various locations of Power Plant.	200.000	M2	130.71	26,142.00
368	Providing and laying heavy duty precast curb stone of size 400 x 200 x 100 mm or standard available size in market with chamfer at one side including excavation up to required depth, dressing of the sides and ramming of bottom, laying of curb stone in line & level, back filling with selected soil, fixing of curb stone joints with PCC 1:4:8 on both the surface up to Ground Level. Filling of curb stone joints with 1:4 cement mortar above ground level, curing, removing of surplus earth out side premises at suitable location within 03 kms lead etc. complete including cost of all labours, supervision, materials, equipments, tools & tackles etc... all complete as directed by Engineer-in-charge.	50.000	RM	351.37	17,568.50
369	Same as above but only labour charges for fixing of curb stones issued by GIPCL at free of cost. Necessary transportation from storage of curb stone to work site shall be in contractor's scope.	30.000	RM	169.09	5,072.70
370	Core cutting in RCC member (DIA X DEPTH) 50 MM X 250 MM	8.000	No.	1,244.78	9,958.24
371	75 MM X 250 MM	2.000	No.	1,380.29	2,760.58
372	100 MM X 250 MM	1.000	No.	1,644.11	1,644.11
373	Providing & filling Epoxy based grouting in Core cutting in RCC member (DIA X DEPTH). 100 MM X 250 MM core filling in RCC member with BASF Master-flow 400 epoxy or CONBEXTRA EP120 epoxy grout.	1.000	No.	1,467.83	1,467.83
374	300 MM X 450 MM core filling in RCC member with BASF Master-flow 400 epoxy or CONBEXTRA EP120 epoxy grout.	10.000	No.	6,009.22	60,092.20
375	REBAR FIXING in RCC Member including required drilling (DIA X DEPTH). Rebar Fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout Chemical 8mm DiaX80mm Depth	160.000	No.	83.94	13,430.40



376	Rebar Fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout Chemical 10mm DiaX100mm Depth	30.000	No.	116.32	3,489.60
377	Rebar Fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout Chemical 12mm DiaX150mm Depth	250.000	No.	182.28	45,570.00
378	Rebar Fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout Chemical 16mm DiaX160mm Depth	10.000	No.	256.63	2,566.30
379	Rebar Fixing with FISCHER FISEM 390S or equivalent Fosroc or HILTI epoxy Chemical 8mm DiaX80mm Depth	10.000	No.	110.33	1,103.30
380	Rebar Fixing with FISCHER FISEM 390S or equivalent Fosroc or HILTI EPOXY Chemical 10mm DiaX100mm Depth	15.000	No.	142.71	2,140.65
381	Rebar Fixing with FISCHER FISV 390S or equivalent Fosroc or HILTI EPOXY Chemical 12mm DiaX150mm Depth	80.000	No.	233.85	18,708.00
382	GROOVE CUTTING IN RCC MEMBER (WIDTH X DEPTH).4 MM X 50 MM	10.000	RM	573.22	5,732.20
383	PROVIDING & FIXING CHEMICAL ANCHORING WITH NUT & WASHER IN RCC MEMBER OR BRICK WALL including required drilling (DIA X DEPTH). RGM or HILTI HASE 10X130 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	140.000	No.	247.04	34,585.60
384	RGM or HILTI HASE 12X160 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	150.000	No.	326.18	48,927.00
385	RGM or HILTI HASE 16X190 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	150.000	No.	482.08	72,312.00
386	RGM or HILTI HASE 16X250 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	25.000	No.	578.33	14,458.25
387	RGM or HILTI HASE 16X300 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	20.000	No.	730.32	14,606.40
388	RGM or HILTI HASE 20X350 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	20.000	No.	1,136.85	22,737.00
389	RGM or HILTI HASE 20X260 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	20.000	No.	919.79	18,395.80
390	RGM or HILTI HASE 24X400 anchor bolt fixing with FISCHER fisv 360s or Lokfix-S or Hilti HIT HY-150 epoxy grout chemical	1.000	No.	1,867.16	1,867.16



391	RGM or HILTI HASE 10X130 anchor bolt fixing with FISCHER FISEM 390s or equivalent Fosroc or HILTI EPOXY chemical	10.000	No.	338.18	3,381.80
392	RGM or HILTI HASE 12X160 anchor bolt fixing with FISCHER FISEM 390s or equivalent Fosroc or HILTI EPOXY chemical	50.000	No.	412.53	20,626.50
393	RGM or HILTI HASE 16X190 anchor bolt fixing with FISCHER FISEM 390s or equivalent Fosroc or HILTI EPOXY chemical	20.000	No.	602.00	12,040.00
394	RGM or HILTI HASE 16X250 anchor bolt fixing with FISCHER FISEM 390s or equivalent Fosroc or HILTI EPOXY chemical	10.000	No.	730.32	7,303.20
395	RGM or HILTI HASE 24X400 anchor bolt fixing with FISCHER FISEM 390s or equivalent Fosroc or HILTI EPOXY chemical	8.000	No.	2,604.67	20,837.36
396	PROVIDING AND FIXING OF MECHANICAL ANCHOR (DIA X DEPTH) FBN 10X126 'fischer' Mech. Anch. fixing	30.000	No.	155.66	4,669.80
397	FBN 12X146 'fischer' Mech. Anch. fixing	3.000	No.	215.86	647.58
398	SUPPLY & FIXING ANCHOR BOLTS WITH NUT & WASHER IN RCC MEMBER (DIA X DEPTH). IN CASE OF GROUTING, SAME WILL BE PAID IN above items of core filling for equal qty. as per anchor bolts.RGM or HILTI HASE 10X130 anchor bolt fixing	5.000	No.	94.74	473.70
399	TRANSPORTATION FOR SKILLED WORKMEN (TO & FRO) BASED ON CERTIFICATION BY ENGINEER-IN-CHARGE OF GIPCL for above item nos. 370 to 398.	40.000	Man-day	676.35	27,054.00
400	MOBILIZATION CHARGES FOR TOOLS & TACKLES (TO & FRO) BASED ON CERTIFICATION BY ENGINEER-IN-CHARGE OF GIPCL AND ONLY IN CASE OF CALL FOR JOB VALUE UP TO Rs. 2,000/- for above item nos. 370 to 398.	10.000	No.	676.35	6,763.50



401	Conditional scaffolding charges for all above works of Part-K as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding for work height more than and equal to 4.00M where, according to GIPCL, no other option to execute the work without scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing approved scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason.	300.000	M2	172.27	51,681.00
402	L. SCHEDULE OF RATES FOR LABOUR AND EQUIPMENTS: Supply of Labours / Equipments for works other than listed in this SoR (Part-A to K) or as directed by Engineer-in-charge for specific work requirements inclusive of all tools, tackles, supervision, Labour Laws liabilities, Insurance, transportation, fuel, operator etc. per day eight hour duty for the following : a) Unskilled labour	230.000	DAY	420.92	96,811.60
403	b) Mason	35.000	DAY	1,116.46	39,076.10
404	c) Road roller with driver	1.000	DAY	8,582.71	8,582.71
405	d) Tractor with driver	40.000	DAY	1,564.96	62,598.40
406	e) Supply of electric breaker machine with operator	70.000	DAY	2,030.25	1,42,117.50
407	f) Visit charges of service engineer/technician for servicing of "ROOTS" make Auto Scrubber / Cleaning machines at GIPCL-SLPP. Necessary spares will be issued by GIPCL at free of cost.	2.000	Visit	3,451.31	6,902.62
408	g) JCB with operator, helper & fuel per day (for 08 hrs.)	5.000	DAY	7,752.14	38,760.70



409	M. SCHEDULE OF RATES FOR STRUCTURAL FABRICATION & ERECTION TYPE OF JOBS: Supplying, detailing, making shop drawings, fabricating, transporting to site and erecting in position structural steel members conforming to IS: 2062 Grade A, provision of erection bolts, permanent bolts, nuts, washers, welding cleats, stiffeners, gussets, base plates including all operation such as cutting, straightening, grinding, welding, providing erection / permanent bolts, nuts, washers etc. complete, including preparation of surfaces and providing a shop coat of zinc phosphate primer, touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to IS 2932 as per specifications and approved fabrication drawings or as directed by Engineer-in-charge etc all complete. Present basic rate of structural steel is considered at Rs.75000/- per MT. In case of any revision in basic cost, the differential cost (+or-) shall be paid accordingly.	0.500	MT	1,09,120.49	54,560.25
410	Same as above for quantity up to 100kg at single isolated location at any height.	10.000	Kg	121.12	1,211.20
411	Fabricating, transporting to site and erecting in position structural steel members conforming to IS: 2062 Grade A (Structural steel issued by GIPCL at free of cost at steel yard), provision of erection bolts, permanent bolts, nuts, washers, welding cleats, stiffeners, gussets, base plates including all operation such as cutting, straightening, grinding, welding, providing erection / permanent bolts, nuts, washers etc. complete, including preparation of surfaces and providing a shop coat of zinc phosphate primer, touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to IS 2932 as per specifications and approved fabrication drawings or as directed by Engineer-in-charge etc all complete.	35.000	MT	21,585.70	7,55,499.50



412	Same as above for quantity up to 100kg at single isolated location at any height.	1,500.000	Kg	27.58	41,370.00
413	Providing, Supplying, detailing, fabrication, transporting to site and erecting in position, with structural steel members fabricated from M.S. square members, pipes, confirming to IS 4923 for truss, till runners, purlins supports, etc. all including all materials & operation such as cutting, straightening, grinding, welding, fixing in line & level at all elevation, providing erection / permanent bolts, nuts, washers etc. complete, including preparation / cleaning of surfaces with wire brush /mechanical means and providing two coat of red oxide, zinc chromate primer touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to IS 2932 as per specifications and approved fabrication drawings or as directed by Engineer-in-charge etc all complete. Present basic rate of structural steel is considered at Rs. 55,000/- per MT. In case of any revision in basic cost, the differential cost (+or-) shall be paid accordingly.	0.250	MT	1,12,287.59	28,071.90
414	Dismantling of damage structure steel from various location/ building including all activities like cutting, removing, shifting of damage material, staging (if required) etc. complete and shifting scrap in to steel yard.	5.000	MT	12,496.92	62,484.60
415	Same as above for quantity up to 100kg at single isolated location at any height.	200.000	Kg	14.76	2,952.00
416	Repairing of M.S. Windows, which includes servicing, greasing, oiling of shutters, fixing of detached shutters or other parts of windows to bring it in working condition. Cost of parts will be reimbursed separately at actual in subsequent item on production of original bills with incoming challan.	15.000	per window shutter	317.79	4,766.85
417	Same as above but repairing of MS doors & servicing of shutter to bring it in proper operation. Cost of parts will be reimbursed separately at actual in subsequent item on production of original bills with incoming challan.	90.000	M2	317.79	28,601.10



418	Supply of various parts/spares for MS doors, windows, barricade boards, etc... like hinges, aldrop, latch, handles, rollers, bearings, etc... or any other whatsoever required for maintenance purpose as directed by Engineer-in-charge. Payment will be made at 10% on original purchase bill value.	8,000.000	%	1.10	8,800.00
419	Grouting of M.S. inserts like pipes, angles, channels, etc. including shuttering at all heights with cement concrete, etc. complete as directed. Cement will be issued from GIPCL store. Grouting concrete size up to 300mm x 300mm x 300mm is included in the item. For more than this size, the same will be paid in separate item of concreting.	150.000	No	155.90	23,385.00
420	Attending under ground running water pipe line leakages with necessary tools & tackles for minimum depth of excavation 1.00 meter. Necessary electric supply for welding, cutting will be provided by GIPCL. (a) Within a lead up to 5 km radius	4.000	Job	4,778.83	19,115.32
421	(b) lead beyond 5 km and up to 35 kms.	2.000	Job	5,155.38	10,310.76
422	Same as above but for above ground pipe line leakage which also includes pipeline placed up to 1 meter depth from average ground level.	75.000	Job	2,828.93	2,12,169.75
423	Removing of existing AC and/or GI sheets (including ridge, corners, gutters) from roof beam purlins and/or wall cladding beams of existing building roofs, parking sheds, boiler lift cladding and any other structures of Power Plant including all required tools & tackles, skilled and/or unskilled labour, supervisor, all necessary safe working arrangements for workers at all height like safe scaffolding, durable ladders, all safety equipments/PPEs, safety belts, including lowering down of sheets, loading, unloading, shifting, transporting, stacking of all removed sheets, J-bolt, etc... at GIPCL store/scrap yard or outside plant premises, etc. all complete in all respects as per specification and as directed by Engineer-in-charge.	2,000.000	M2	124.72	2,49,440.00



424	Same as above item no. 423 but for removal of sheets in isolated way by selecting damaged sheets from roofing/cladding from any one roof/cladding structure for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	1.000	M2	249.43	249.43
425	Supplying, providing and fixing of GI steel sheeting on existing available supports/purlins of various roofing & claddings for building, parking sheds, equipment roofs, warehouse, godowns, canopy, stores, sheds, JNTs, lignite & limestone conveyor galleries, etc and any other structures including all connected fixtures and accessories such as but not limited to approved make self-driven screws with nuts & washer of same approved manufacturer instructions for appropriate length/size as per site requirements or approved make & size PVC coated "J" bolts as directed by Engineer-in-charge including necessary flashing/lapping of sheets as per manufacturer's specifications/recommendations, etc. complete including all materials, manpower, tools & tackles, fastening materials, equipments, machineries, MS scaffolding, all safety equipments/PPEs like but not limited to safety net, safety belts, etc... including transporting, loading, unloading, shifting, safe storage, cutting, lapping of sheets as per manufacturer specification and as per site requirement. The side laps are with special male-female side laps and anti-siphoning feature to prevent water leakage. The pan shall be stiffened by using 3 small ribs.(a) 24 gauge corrugated sheets	10.000	M2	781.88	7,818.80
426	(b) Transparent colour or plain corrugated sheet for thickness more than 2mm.	10.000	M2	1,043.31	10,433.10
427	(c) Colour coated Galvalume or Zinalume high tensile steel sheeting (as per detailed technical specifications mentioned in tender documents).	10.000	M2	978.55	9,785.50



428	Labour charges for fixing of new corrugated G I sheets or Colour coated Galvalume or Zincalume high tensile steel sheeting in roofing/ cladding/ covering corners, ridges, etc. at all elevation. All sheets shall be fixed with existing structural supports by means of approved fixtures like new galvanized iron PVC coated J or L hooks 8 mm dia/coated GI bolts or approved quality rust shield coated GI screws (of Hilti make) & bitumen/GI washer, necessary lapping, including cutting to proper size, etc. complete. Required quantity of sheets for roofing & ridge shall be issued at free of cost by GIPCL from store within Plant premises. Necessary transportation, shifting, lifting & safe storage at work site shall be in the scope of contractor. Other approved quality & make standard fixtures shall be supplied & provided by contractor for fixing of sheets. Contractor shall first submit samples of fixtures in advance and GIPCL's approved sample only shall be used for fixing of sheets. All required safe working arrangements as well as issue of safety PPEs to all workers shall be in the scope of contractor for working at such height.	3,500.000	M2	196.67	6,88,345.00
429	Same as above but for fixing of sheets in isolated way by selecting damaged area on roofing/cladding from any one roof/cladding structure for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	5.000	M2	254.23	1,271.15
430	Removing of Fencing post (R.C.C. or Steel) including excavation & breaking cement concrete, dispose off at designated locations etc.	35.000	NO.	209.19	7,321.65
431	Removing Barbed wire each raw, dispose off at designated locations/scrap yard etc.	400.000	RM	3.69	1,476.00
432	Dismantling of Chain link fencing, including removing of M.S. angle posts, horizontal bracings, top 3 raw barbed wires, (excavation, breaking of cement concrete base of supports, etc shall be paid under relevant items), dispose off at designated locations / scrap yard etc.	250.000	M2	104.59	26,147.50



433	Providing and fixing of barbed wire fencing with 12-14 gauge barbed wire, 2 cross wire between vertical member over existing compound wall with necessary bolts, nuts and packing for fastening. (a) Only fixing and repairing of existing barbed wire over existing compound wall with necessary bolts, nuts and packing for fastening, tightening etc. complete (Excluding cost of Barbed wire). Length of barbed wire shall be considered for measurement.	3,000.000	Rmt.	25.00	75,000.00
434	(b) Providing, transporting and fixing of 05 rows of 12-14 gauge GI barbed wire fencing with two cross wire between already fixed MS "Y" angle posts on compound wall with necessary hard ware, fastenings, GI bolts, GI nuts, GI washers, GI pins, etc... in proper line & level, etc... complete with all materials, labour, scaffolding, etc... as directed by Engineer-in-charge. (Length of barbed wire will be considered for measurement).	400.000	Rmt.	35.00	14,000.00
435	Providing, transporting and fixing of barbed wire fencing with 2.13 Mtr. (7') long heavy-duty pre-cast poles and spacing at 2.5 meter. c/c bracing poles at every 15 meter c/c and every junction / corner, this is including the lime painting of all poles with top capping (6' from top) with black enamel paint and numbering of the poles by black letter (2.5" size) on yellow circular background (4" dia) with enamel paints, including evacuation of pits (300mm dia 500mm deep) and grouting of poles with 1:4:8 mix concrete and also including providing, transporting and fixing of 7 rows of 12-14 gauge barbed wire, 2 cross wire between pole to pole with J bolts, nuts and packing for fastening and tightening as directed by GIPCL engineers (The rate is including all cost of material except free issue of cement required for grouting of pole only).	100.000	Rmt.	586.41	58,641.00



436	Providing, supplying all materials and installing galvanized steel chain link fencing as per IS:2721 (mesh size 50 mm, nominal dia. of wire 3mm) 2400mm high including vertical post of ISA 75 x 75 x 6 spaced at 2.5 meter. intervals with strut angle ISA 50X50X6 at every 05 meter span & all corners, reinforced with MS flat of 50 x 6 mm all around in each span and ISA 50 x 50 x 6 to be run on top & bottom with and all connectors like pin fasteners, concreting of pedestal for vertical post etc. complete as per enclosed sketch & as directed by Engineer-in-charge including two coats of aluminum paint over a coat of zinc chromate primer on the structure (Required quantity of cement shall be supplied by GIPCL).	8.000	M2	1,369.49	10,955.92
437	Providing, supplying all materials and installing galvanized steel PVC coated chain link fencing as per IS:2721 minimum 8 gauge (including PVC coating) with mesh size 75mm and of required height including vertical post of ISA 75 x 75 x 6 spaced at 2.5 meter. Intervals with strut angle ISA 50X50X6 at every 05 span & all corners, reinforced with MS flat of 50x6 mm all around in each span and ISA 50 x 50 x 6 to be run on top & bottom with and all connectors like pin fasteners, concreting of pedestal for vertical post etc. complete including two coats of aluminum paint over a coat of zinc chromate primer on the structure and also including concreting for vertical post including cost of all material etc. complete as per specification and as directed by Engineer-in-charge.	3.000	M2	1,564.96	4,694.88
438	Dismantling of existing damaged MS or GI pipe railing of any size.	32.000	RM	193.07	6,178.24



439	Providing, supplying, detailing, fabrication, transporting to site and erecting in position hand railing using 32mm NB G.I. Pipes (B-class) with screwed ends with two horizontal rails one at 500mm and another at 1200mm above the base level with vertical pipes at 1000mm including provision of all accessories like necessary bends, ties, junctions, sockets, including all operation such as cutting, straightening, alignment, grinding, welding, fixing in line & level at all elevation as per specification & drawing and also including a toe protection MS plate of 65x8mm shall be provided for all hand railing including painting of toe plate with one coat of primer and two coats of aluminum paint & touching with aluminum paint after erection etc. complete as directed by Engineer-in-charge. Supply of all material including G.I. Pipe, structure steel & paint materials are in the scope of contractor.	3.000	RM	1,291.54	3,874.62
440	Same as above but labour charges for providing & fixing hand railing. Necessary MS or GI pipes will be issued free of cost from GIPCL store.	150.000	RM	479.68	71,952.00
441	Fixing, testing & commissioning of 100mm dia. G. I. pipe with 'R' brand fixtures such as tee, elbow, union, nipple etc... (GI pipes will be issued free of cost from GIPCL store. Necessary bending, cutting, etc... Will be in the scope of contractor) for domestic water supply, including necessary excavation up to average 1 meter depth from average ground level, covering the GI pipes with a coat of hot bitumen and fully wrapped in gunny cloth dipped in hot bitumen in the trenches etc., all complete. Works including excavation and refilling with sand encasing 100 mm all-round in all sorts of soil, welding the joints with approved welding electrodes (SPZB welding electrode 0080 of Advani or equivalent approved make only), testing for leakage & commissioning, etc... complete as per specifications and as directed by Engineer-in-charge.	30.000	RM	701.38	21,041.40



442	Laying, transporting to site and erecting in position, 4" to 6" dia. G.I. / PVC Rain water pipe (supplied by GIPCL at free of cost) from the roof height maximum of 50 metre to zero meter level, including all operation such as scaffolding, cutting, straightening, preparing bends, grinding, erecting in position, welding, clamping using heavy duty clamps at every 3 metre length with existing structure columns or walls, fabricating required bends from G.I. /PVC pipe, etc... complete as directed by Engineer-in-charge.	60.000	RM	750.61	45,036.60
443	Providing, transporting and fixing of 05 rows of 12 gauge (Strand Dia)-14 gauge (Barb Dia) "TATA" make barbed wire fencing, 3" Barb spacing with two cross wire between existing vertical M.S. angle post over existing compound wall with necessary hard ware, fastenings and also including surface cleaning and painting two coats of red oxide primer & two coats of synthetic enamel paint on existing M.S. angle post, etc., all complete as directed by E-I-C. Rate includes removal of existing damaged wire fencing. (Straight length of compound wall shall be considered for payment without any intersection/junction connections).	100.000	RM	338.39	33,839.00
444	Supply of Labours / Equipments for works other than listed in this SoR (Part-A to M) or as directed by Engineer-in-charge for specific work requirements inclusive of all tools, tackles, supervision, Labour Laws liabilities, Insurance, transportation, fuel, operator etc. per day eight hour duty for the following : (a) Welder / Cutter	90.000	per day	547.57	49,281.30
445	(b) Fitter / Rigger	80.000	per day	547.57	43,805.60
446	(c) Helper	300.000	per day	535.27	1,60,581.00
447	(d) Pump Operator	1.000	per day	547.57	547.57
448	(e) Welding Machine with all accessories	35.000	per day	1,026.52	35,928.20
449	(f) Gas cutting set with DA & Oxygen Cylinder	30.000	per day	1,277.15	38,314.50
450	(g) Supply of heavy-duty electric breaker machine not less than 16 kg with operator and helper.	10.000	per day	2,500.00	25,000.00
TOTAL ESTIMATED SOR VALUE (without GST) >>>					2,20,20,102.00

Note: Bidders have to quote their offer in % (+, - or equal) on above total estimated SoR value in online Price Bid only. The quoted percentage rate on above SoR item rates (Section-E of this tender) shall be inclusive of all labour cost, equipments, materials (except specified free supplied



materials by GIPCL in respective items), supervision, consumables, tools, tackles, profit & overheads, all taxes & duties (excluding GST, GST % shall also be quoted in online Price Bid), etc... Item rate shall be firm for entire duration of contract period of two years and extension up to 03 Months.

My rates are as under (only to be quoted online on nProcure).

At estimated value

OR _____ %age above the estimated value

OR _____ %age below the estimated value.

Note:- (1) Percentage rate offer/bid price on SoR value & GST shall be quoted through online (n)-Procure only. Hard copy of price bid shall not be considered/accepted.
(2) Evaluation of tender & E-Reverse Auction will be done on gross total quoted amount with GST.

NAME OF TENDERER : _____
SEAL & SIGNATURE OF TENDERER : _____
NAME OF AUTHORISED PERSON : _____
ADDRESS : _____
PHONE NO. _____ **FAX No.** _____
MOBILE NO. _____ **Email ID.** _____



2.0 **ANNEXURE-B**

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

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

B. G. No.-----Date:

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

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

2. WeBank having its branch office atdo hereby agree and undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Company stating that in the opinion of the Company, which is final & binding, the amount claimed is due by reason of default made by the Contractor(s)/ Seller(s) in performing any of the terms & conditions of the said Contract including defect liability obligations, in fulfilling the performance guarantee obligation or loss or damage caused to or would be caused to or suffered by the Company by reason of any breach by the said Contractor (s)/ Seller(s) of any of the terms & conditions of the contract. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However our liability under this guarantee shall be restricted to Rs.------(Rsonly)
3. We undertake to pay to the Company any money so demanded not withstanding any dispute or disputes raised by the contractor(s)/ Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the Contractor(s)/ Seller(s).



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

Date _____

..... Bank
Corporate Seal of the Bank

By its constitutional Attorney
Signature of duly Authorized person
On behalf of the Bank

With Seal & Signature code



3.0 **ANNEXURE-C**

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

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

B. G. No.-----Date:

1. WHEREAS M/s.Gujarat Industries Power Company Limited having its Corporate Office at PO: Ranoli, Dist. Vadodara – 391 350, Gujarat State, India (hereinafter called "The Company Owner" which expression shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has issued tender paper vide its Tender No.....for ----- (hereinafter called "the said tender")to M/s.....(hereinafter called the said Tenderer(s)" which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns and as per terms and conditions of the said tender, the tenderer shall submit a Bank guarantee for Rs..... (Rupees.....only) towards earnest money in lieu of cash.
2. WeBank having its branch office at do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Company stating that in the opinion of the company which is final and binding, the amount claimed is due because of any withdrawal of the tender or any material alteration to the tender after the opening of the tender by way of any loss or damage caused to or would be caused or suffered by the Company by reason of any breach by the said tenderer(s) of any of the terms and conditions contained in the said tender or failure to accept the letter of Intent Agreement or that the amount covered under this Guarantee is forfeited. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee, However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....only).
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the tenderer (s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the tenderer.
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said tenderer(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. WeBank Ltd. further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the finalization of the said tender and that it shall continue to be enforceable till the said tender is finally decided and order placed on the successful tenderer(s) and or till all the dues of the company under or by virtue of the said tender have been fully paid and its claims satisfied or discharged or till a duly authorized officer of the company certifies that the terms and conditions of the said tender have been fully and properly carried out by the said tenderer (s) and accordingly discharges the guarantee.



6. That the Owner Company will have full liberty without reference to us and without affecting this guarantee to postpone for any time or from time to time the exercise of any of the power of the owner under the tender.
7. Notwithstanding anything contained herein before, our liability shall not exceed Rs..... (Rupees.....only) and shall remain in force till..... (Date to be filled up shall be 180 days from the date of submission of Bid).

Date _____

.....Bank
Corporate Seal of the Bank

By its constitutional Attorney
Signature of duly Authorized person
On behalf of the Bank

With Seal & Signature code



4.0 ANNEXURE-D

PERFORMA CERTIFICATE (No claim, No arbitration)

To,
Addl. General Manager (O&M) - 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.



5.0 ANNEXURE-E

PARTICULARS OF THE BIDDER

Sr. No.	Particulars	Please provide information here.
1.	Name of Bidder	
2.	a. Registered Office Address: b. Address for Correspondence: c. E-mail ID:	
3.	Contact Details: Contact Person Name Telephone No. : Mobile No.:	
4.	Year of establishment PAN No. GST No	
5.	User ID for e-reverse auction on website: https://e-auction.nprocure.com	

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE



6.0 **ANNEXURE-F**



GUJARAT INDUSTRIES POWER COMPANY LIMITED **(Surat Lignite Power Plant)**

Schedule of Deviation from Technical Specification and Commercial Terms and Conditions

All the deviations from the terms & conditions of contract shall be filled by **BIDDER** clause by clause in this schedule.

Sr. No	SECTION	CLAUSE NO	AS PER TENDER DOCUMENT	DEVIATION
COMPANY SEAL				
SIGNATURE-----				
NAME-----				
DESIGNATION---				
COMPANY----				
DATE ----				

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



7.0 **ANNEXURE-G**

Declaration cum Undertaking for Safety Laws and Regulations Compliance (To be submitted on Company's Letter Head)

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

PLACE:

DATE:

Signed and Stamped by the
Authorized Signatory of the Bidder

8.0 **ANNEXURE-H**

Declaration for Contractual Litigations (To be submitted on Company's Letter Head) **Please Tick (✓) whichever is correct option**

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

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

Please Tick ()

OR

- b. Invoked legal recourse e.g. litigation against any Govt, of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations for the last three(03) years.

Please Tick ()

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

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

PLACE:

DATE:

Signed and Stamped by the
Authorized Signatory of the Bidder



9.0 ANNEXURE-I

CERTIFICATE OF COMPLIANCE BY CONTRACTOR

(To be submitted with each monthly bill on letter head along with labour compliance records)

Certified that M/s.....has been awarded BRC / BMC for for the period of.....to at Gujarat Industries Power Company Limited – Surat Lignite Power Plant, Nani Naroli. I undertake to be bound by all the provisions of the Contract Labour (Regulation & Abolition) Act 1970 and the Contract Labour (Regulation & Abolition) Rules 1972, The Employees’ Provident Funds and Miscellaneous Provisions Act 1952, Minimum Wages Act 1948, Payment of Wages Act 1936 and Payment of Bonus Act 1965 and all other applicable labour laws in so far as the provisions are applicable to me in respect of the employment of contract labour by me for the month of

For M/s.
Authorized Signature with Stamp

Place: Nani Naroli
Date :

Through : HoD

To,
GM (HR&A)



10.0 ANNEXURE-J

PROCEDURE FOR MAKING ONLINE PAYMENT OF EMD/SD/TENDER FEE

1. For making online payment, first go to the website: **www.gipcl.com**
2. Then, click on the caption/link as can see like:

“Click here for Making Online Payment of EMD/SD, Advance for Ash, Advance for DM water etc.”

(The link is visible as horizontal highlighted in “Blue” shade below Tenders - News & Update Section).

3. After clicking the link the new page will open. On this page, no need to enter User Name and Password. Directly click on “Payment Form” given below the sign in option.
4. After clicking the “Payment Form”, the vendor has to enter the details asked which will be self-explanatory. It is desired that all the information may be filled correctly so that the payment made can be tracked.

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

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

After entering the details, click on SUBMIT Button.

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

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

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

(FORMAT TO BE PRINTED IN DUPLICATE BOOK FOR JOINT MEASUREMENT RECORDING)



12.0 **Form-A**

List of qualifying staff to be submitted with physical documents

Sr. No.	Name of Supervisor/Engineer	Qualification	Experience

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

13.0 **Form-B**

List of Tools & Tackles to be submitted with physical documents

Sr. No.	Description	Nos.	Status

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