

e- Tender No. – GMDC/HO/ENVIRONMENT/02/17-18

e-Tender
For

**DESIGN, SUPPLY, ERECTION, COMMISSIONING AND ONE YEAR
OPERATION & MAINTENANCE OF PRE FABRICATED EFFLUENT
TREATMENT PLANT ON GMDC'S TADKESHWAR, AMOD (G-19 EXTN.),
SURKHA (N), MATA NO MADH AND UMARSAR LIGNITE PROJECTS, IN
GUJARAT STATE**



**CHIEF GENERAL MANAGER
GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
(A Govt. of Gujarat Enterprise)
CIN: L14100GJ1963SGC001206
KHANIJ BHAVAN, 132' RING ROAD, UNIVERSITY GROUND
VASTRAPUR, AHMEDABAD- 380 052
Phone No. 07927913200
TELE-FAX: (079) 2791 3038, E-mail env@gmdcltd.com
Visit our web-site: www.gmdcltd.com**



GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED

e-Tender No. – GMDC / HO / ENVIRONMENT/02/17-18

Work Description.	:	Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.
Place of work.	:	<ol style="list-style-type: none"> 1. Tadkeshwar Lignite Mine, Ta. Mandavi, Dist. Surat. 2. AMOD (G-19 Extn) Lignite Mine, Ta. Jhagadia, Dist. Bharuch. 3. Surkha (N) Lignite Mine, Ta. Ghogha, Dist. Bhavnagar. 4. Mata no Madh Lignite Mine, Ta. Lakhpat, Dist. Kutch. 5. Umarar Lignite Mine, Ta. Lakhpat, Dist. Kutch.
Tender Fee.	:	<p>Rs. 5000/- (Five Thousand) by D.D. – Non Refundable</p> <p>DD should be from banks approved by Govt. of Gujarat from time to time (except co-operative bank) in the form and manner acceptable to the Corporation.</p>
EMD.	:	<p>Rs. 18,37,000/- (Rs. Eighteen Lakhs Thirty Seven Thousands only) by D.D. / FD / Bank Guarantee– Refundable</p> <p>From the banks approved by Govt. of Gujarat from time to time (except co-operative banks) in the form and manner acceptable to the Corporation.</p>
Security Deposit.	:	<p>5 % of contract value (including EMD) in form of D.D. / FD / Bank Guarantee from the banks approved by Govt. of Gujarat from time to time (except co-operative bank) in the form and manner acceptable to the Corporation.</p>

Last date and time of downloading the tender.	:	27 June 2017 – 15:00 Hrs.
Last date and time of online submission of bid.	:	27 June 2017 – 15:00 Hrs.
Last date & time of submission of tender fees, EMD and all necessary supporting documents in hard copy.	:	27 June 2017 – 15:00 Hrs.
Date & time for on-line opening and viewing of preliminary bid.	:	28 June 2017 – 15:00 Hrs. – 12:00 Hrs.
Date & time for on-line opening of technical bid.	:	28 June 2017 – 15:00 Hrs. – 12:05 Hrs.
Date & time for on-line opening of price bid.	:	29 June 2017 – 15:00 Hrs. – 12:00 Hrs.
Validity of Bid.	:	180 Days from the date of opening of tender.

GENERAL INSTRUCTIONS TO THE BIDDERS FOR TENDERING:

1.0 Tendering

1.1 THE TENDER & THE OFFER:

a) It is a three-bid system. The bid is required to be submitted online latest by the date and time prescribed in the tender notice.

Part – I Preliminary Bid

Detail of DD for EMD and Tender Fee shall be submitted online. Further, Original Cheques / Drafts of **Tender fee and EMD** should be submitted before last date on above given address in two separate and sealed envelopes along with their respective forms. These both envelopes should be placed in a separate and sealed cover sub-scribed **“PRELIMINARY BID” Tender No. and Name of work.**

Bids received without EMD/Tender Fee will not be considered for scrutiny and will be out rightly rejected.

Part - II Technical bid (Annexure I to V)

Technical bid documents i.e. various annexure are to be submitted online only within stipulated period as per tender notice. However, the supporting documents required to be submitted in support of these annexure like experience, financial position, status of the bidder, list of equipments owned by the bidders, copy of Permanent Account Number (PAN), VAT, Service Tax and PF Registration etc. shall be placed in separate & sealed cover sub-scribed **“TECHNICAL BID, Tender No. and Name of work etc.**

Part – III Price-bid (Annexure V)

To be submitted **on line only** within the stipulated time.

All supporting documents along with tender fee and EMD must reach till last date on below given address:

Chief General Manager
Gujarat Mineral Development Corporation Limited
“Khanij Bhavan”, 6th Floor, ‘A’ Wing,
132 ft Ring Road, Nr. University Ground, Vastrapur, Ahmedabad – 380 052

1.2 Bidders are advised to read the instructions, evaluation norms and other terms and conditions described in these documents under different Chapters carefully before making their offer. In case of any doubt they may seek clarification from Assistant Manager (Environment) at the head office of the GMDC at Ahmedabad.

1.3 Opening of bids

First Preliminary bids will be opened for the verification of the receipt of tender fee and EMD along with their respective forms.

Technical bid of only those bidders will be opened whom tender fee and EMD will be received by tenderer. Then Technical bid will be opened online along with hard copies of signed and stamped copy of technical document and all essential supporting documents to verify that bidder is technically qualified or not for the desired work.

Price Bid will be opened only of those bidders who will observed technically qualified.

1.4 Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n) code solutions- a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below at clause 1.5.

1.5 All bids should be digitally signed. For details regarding digital signature certificate and related training involved at the below mentioned address should be contacted:

(n)Procure Cell

(n)Code solutions a division of GNFC

403, GNFC Info-Tower, Bodakdev,

Ahmedabad- 380 054 (India)

Tel: +91 26857316/17/18 Fax: +91 79 26857321

Toll Free: 1800-233-1010

E-mail: nprocure@gnvc.net

1.6 Kindly take note that, valid Digital Signature Certificates is must for all the interested bidders. Online tendering process is not possible without valid digital signature certificate.

1.7 Interested bidders are also requested to complete their procedure for taking digital signature certificate in respect to filling of application form, supporting documents with necessary fees at least 3 days before last date of tender submission.

1.8 (n) code solutions reserves the rights to issue digital signature certificate after verification of application forms / supporting documents submitted by bidder. (n) code solutions is fully authorized to issue digital signature certificate to bidders.

1.9 All the bidders who have no facility to participate in on-line tenders are requested to contact (n) code solutions for the same.

1.10 All the correspondence in respect to training, support or digital signature certificate should be addressed to (n) code solutions directly on the above mentioned address

1.11 Bidders are advised to read the instructions, evaluation norms and other terms and conditions described in these documents under different Chapters carefully before making their offer. In case of any doubt they may seek clarification from AM (Environment) at the head office of the GMDC at Ahmedabad

1.12 Corrigendum:

Bidders are requested to see the website <https://gmdc.nprocure.com> once again before due date of Tender opening of ensure that they have not missed any corrigendum uploaded against the said Tender after downloading the Tender document. The responsibility of downloading the related corrigendum, if any, will be that of the downloading parties.

No separate intimation in respect of corrigendum will be sent to Bidders who down loaded the Tender document from the website as information in this respect will be available to website i.e. <https://gmdc.nprocure.com> etc.

2.0 Preamble

2.1 This tender document is intended to give a general description of nature of the work. It is not intended to cover all minute details. The work shall be executed in accordance with best practices and to the complete satisfaction of the GMDC.

2.2 The information given in this tender document is given in good faith and meant to serve as a guide to enable the prospective bidders to submit their offer. It is, imperative that the Bidder shall obtain and examine, for himself, all the data,

information and particulars required for the satisfactory execution of the work covered under the scope of tender.

2.3 Price bid will not be opened unless Preliminary & Technical Bids opening procedure has completed in all respects and bidder is found to have adequate experience and resources for executing the Work. **The price bid of only technically successful bidders will be opened.**

2.4 The tender document and forms referred to in the tender, if not returned or if returned but not duly filled in (where required) and signed, will result in rejection of the tender.

3.0 Examination

3.1 The Bidder would carefully examine the tender document including all amendments/addendum and corrigendum, if issued, and other details relating to the work and acquaint him fully with all the conditions and matters therein, which may, in any manner, affect the work and the cost thereof.

3.2 The Bidder would obtain all information as to risks, contingencies, responsibilities and other circumstances which might influence or affect his tender, the progress and performance of the contract and to have taken into account all conditions and matters that may affect his works under this tender and cost thereof.

3.3 The Bidder would be deemed to have visited the project site and its surroundings, carefully examined and satisfied himself about the existing site conditions, availability of local facilities, means of transport etc. and to have quoted rates, taking into consideration all such conditions and matters, which may, in any manner, affect the work and the cost thereof.

3.4 The Bidder would be acquainted himself with all Government, Mining and Labour laws, statutes, regulations, rules or notifications relating to taxes, levies and other charges relating to the work at the site or otherwise as applicable from time to time.

3.5 Any neglect or omission or failure on the part of the Bidder in obtaining necessary and reliable information upon the foregoing or any other matter affecting the tender, shall not absolve him of any risk or liabilities or responsibilities for completion of the entire work in accordance with the terms and conditions of the tender document.

4.0 Any conditional tender will be rejected outright and no claim whatsoever in respect thereof shall be entertained. The Management of GMDC reserves the right to reject / cancel any or all tenders without assigning reasons and to negotiate with any Bidder for more favourable rates. Each and every page of the tender document

along with bids supporting documents shall be signed by the Bidder with his usual signature. All signatures should be dated and Company's seal shall be affixed below it.

5.0 GMDC may, at its discretion, extend the deadline for the submission of the bids.

6.0 Bidder shall bear all costs associated with the preparation and submission of its bid, and the GMDC will in no case be responsible or liable for these costs or postal delay.

7.0 Bids with joint venture agencies will not be accepted and successful bidder may not assign their work to other third party.

8.0 All applicable taxes and duties etc. towards Supply as well as Erection and commissioning shall be reimbursed as per prevailing rules. TDS will be deducted from the bills as per prescribed rule.

9.0 Validity of the offer: The bidder should agree that the rate submitted shall remain valid for a period of 180 days from the date of the opening of the tender.

Application expressing interest by the Bidders:

Date:

To,

**Chief General Manager
Gujarat Mineral Development Corporation Limited,
“Khanij Bhavan”, 6th floor, “A” wing”, 132 ft. Ring road,
Nr. University Ground, Vastrapur, Ahmedabad – 380 052**

e-Tender No. – **GMDC/HO/ENVIRONMENT/02/17-18**

Subject: Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC’S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.

Sir,

I/We are interested in participating in the above e-tender for **Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC’S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.**

I/We have adequate experience in waste water treatment and have adequate infrastructure, equipments, laboratory facilities and funding at our end to execute the work. I/We have sound financial position to fulfill any additional requirement if required to carry out the work to the entire satisfaction of the GMDC as well as for regulatory agencies. I/We shall make our own arrangement for the completion of subjected work.

Thanking you.

Yours faithfully,

[Authorized Signatory, Stamp]

On Bidders Letter Head

FROM:

LETTER NO.:

DATE:

To,
Gujarat Mineral Development Corporation Ltd.,
Khanij Bhavan, 132 Ft. Ring Road,
Near University Ground, Vastrapur,
Ahmedabad – 380 052, Gujarat.

Sub. : Tender Fee for Tender No. for **GMDC/HO/ENVIRONMENT/02/17-18** for the tender for **Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.**

Dear Sir,

With reference to above, and as per terms & conditions of Tender, we are sending herewith DD /
/ FD / Bank Guarantee No. _____ Dated _____ Name of
the Bank and Branch, _____ for Rs. 5000/- [Rs.
Five Thousand Only] is being the amount of Tender fee.

Kindly, acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

Name / Signature & Stamp

On Bidders Letter Head

FROM:

LETTER NO.:

DATE:

To,
Gujarat Mineral Development Corporation Ltd.,
Khanij Bhavan, 132 Ft. Ring Road,
Near University Ground, Vastrapur,
Ahmedabad – 380 052, Gujarat.

Sub. : Tender Fee for Tender No. _____ for **GMDC/HO/ENVIRONMENT/02/17-18** for tender of **Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.**

Dear Sir,

With reference to above, and as per terms & conditions of Tender, we are sending herewith D.D. / FD / Bank Guarantee No. _____ Dated _____ Name of the Bank and Branch, _____ for Rs. 18,37,000/- (Rs. Eighteen Lakhs Thirty Seven Thousands only) being the amount of EMD.

Kindly, acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

Name / Signature & Stamp

**Gujarat Mineral Development Corporation Limited,
“Khanij Bhavan”, 6th floor, “A” wing”, 132 ft. Ring road,
Nr. University Ground, Vastrapur, Ahmedabad – 380 052**

[I] NOTICE INVITATION TO BIDDER:

Gujarat Mineral Development Corporation Ltd. (GMDC) invites bids from reputed financially and technically sound and experienced agency for the **Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC’S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.**

Following is the technical criteria for bidders:

1. Qualification Criteria:

- (i) Bidder should have AA -Class Certification.
- (ii) Bidder must have experience of 15 years in the field of Water Treatment Plant.
- (iii) Bidder must have at least one single order of supply, Erection, Testing of water treatment plant with electrification works, control panel, and scada work at any Gujarat government organization with project cost of 09 Crores or above.
- (iv) Bidder should have valid electrical license
- (v) Annual Average turnover of last three years should be at least 09 Crores or above.
- (vi) Bidder should have Net worth of at least 18 Crores and Bidder's Net cash accrual of last five year should not be negative.

2. Technical Criteria:

Basis of Design:

The process design, capacity/ rating of pumps and equipment etc. shall hold good for meeting the treated parameters as provided in the tender elsewhere for the project wise capacities as given below:

Sr. No.	Project Detail	ETP Capacity
1	Mata no Madh lignite project, Dist. Kutch	50 M3 / HOUR with 1 year O & M
2	Umarsar lignite project, Dist. Kutch	30 M3 / HOUR with 1 year O & M
3	Surkha (N) lignite project, Dist. Bhavnagar	50 M3 / HOUR with 1 year O & M
4	Rajparadi lignite project, Dist. Ankleshwar	30 M3 / HOUR with 1 year O & M
5	Tadkeshwar lignite project, Dist. Surat	50 M3 / HOUR with 1 year O & M

3 Design Consideration:

- 3.1 Net Output Capacity** :- **As given in table above**
- 3.2 Operation** :- **Round the Clock**

3.3 Influent & Effluent Characteristics:

The bidders are advised to self produce the actual Influent Characteristics through the self collection of samples from all the said projects of GMDC as well as analyze them to design the best suited ETP Technology to achieve the following Effluent Characteristics:

Final Treated Effluent Characteristics:

S. No.	Parameters	Units	Values to be achieved after ETP
1	pH		7.5 -8.5
2	Temperature	°C	30 - 40
3	Color	Cu	Colorless
4	Oil & Grease	mg/l	<2
5	Total Suspended Solids	mg/l	<5
6	Iron	mg/l	<3
7	Ammoniacal Nitrogen as NH ₃ -N	mg/l	<50
8	Fluoride as F	mg/l	<5
9	Nitrate as NO ₂		<25
10	Total Kjeldal Nitrogen	mg/l	<50
11	Hexa valent Chromium as Cr ²⁺	mg/l	<0.1
12	Total Chromium as Cr ²⁺	mg/l	<2
13	Sulphide	mg/l	<2
14	Residual Chlorine	mg/l	<1.0
15	Heavy metals like Cd, As, Zn, Pb, Ni, Hg, Cu, Mn, Se, Cu & Cn	mg/l	<0.2
16	Phenolic Compound	mg/l	<1.0
17	Free Ammonia	mg/l	<50
18	Dissolved Phosphate	mg/l	<5.0

No arguments / objection shall be entertained later on for any parameters. It shall be solely contractor's responsibility to take care of it to achieve the desired treatment standards as mentioned in the tender.

4. Salient Features:

- 4.1 The Plant Should Pre-assembled, Skid mounted, transferable from one location to another.
- 4.2 The plant should be suitable for low/peak flow in line with usage.
- 4.3 The plant should not create any noise, with no nuisance on fly or mosquito and no foul odours.

5. Treatment Objectives:

Considering the raw effluent quality and the required treated effluent quality, the Contractor shall furnish a process train to achieve the following objectives:-

- To achieve guaranteed treated effluent quality to reuse it in gardening / irrigation / farming, as defined in the tender elsewhere.
- To ensure that the offered treatment process is the most appropriate and state of the art in terms of both efficiency of treatment and cost. (the bidder shall have to produce the performance records with the same treatment systems applied elsewhere.)
- To ensure that the process is cost effective from both capital and O&M costs consideration.
- To ensure that the sludge produced is dewatered to a “spade able” or “open body truck able” consistency – so that it can be easily disposed off.
- The process preferably should be free from toxic chemicals, shall be used by the bidder. He shall submit the toxicity test report from any govt. recognized laboratory at his own cost before using such chemical.
- Oils/lubes/fuels/media/chemicals etc. to be used should be defined by bidder.

6. Treatment Technologies:

The treatment process proposed by bidder should be well-established and proven process for treatment in Indian Environmental condition. The following processes shall not be accepted by the GMDC.

- Oxidation pond (facultative/anaerobic/aerobic)
- Aerated Lagoons
- Trickling filters
- Rotating Biological Rotators (RBC)
- Anaerobic Treatment

Bidder must provide all information necessary for a complete evaluation of his technology, including drawings, design calculations, technical specifications, data sheets proposed

construction/installation methodology and other relevant details. Any bid without above information will be considered as non responsive and summarily rejected. Bid must satisfy the GMDC's requirements as set out in the Bid documents. Bidder shall include with their Bid evidence acceptable to the GMDC of satisfactory past performance of same technology based plant designs and the associated equipment and processes offered and full details of similar plant capacities called for to enable proper evaluation of design.

7. Treatment Process

The treatment process for ETP under this contract is open. Bidder is free to adopt and use appropriate treatment process/technology for this project; however the technology selected should be such that the treatment parameters should meet the effluent standards as stipulated in the tender document and shall have proven track record of the same technology for the desired treatment parameters for at least 5 years in India or World. The treatment technology should also include sludge treatment, as required and its safe disposal /reuse outside the mine premises will be in the scope of bidder only. Bidder shall provide a complete, fully functional facility designed for proper, easy, operation and to meet the stated performance requirements. This shall include any and all additional, ancillary, supporting, or other processes, components, equipment, or other items necessary to achieve these objectives, regardless of whether such items are explicitly listed in these bid documents or not.

8. Project regarding other details / requirements:

- a) Influent Intake arrangement from nearby earthen storage pond. The Intake arrangement shall consist of Intake line, sump and pumps (2 working + 1 stand by). The length of existing Pond to the ETP site shall be approximately 50 meters.
- b) Inlet and Outlet durable Flow Meters must be provided along with Energy Meters to know the total energy consumption of ETP as well as Online Effluent Analyzers to know the online effluent characteristics along with data transfer on cloud based server and one mobile based app to know the performance of ETP.
- c) Treatment technology has to be chosen by bidder only to achieve the effluent characteristics as desired by Tenderer as well as given within this tender document.
- d) This ETP should be fully automized and different sections must have the protection arrangements from rainfall.

- e) The final treated effluent is to be disinfected compulsorily with UV before its further use.
- f) The contractor shall have to make sure that there shall not be any formation of odour or foul gases during the treatment.
- g) Treated effluent line up to Collection tank for reuse in Garden.
- h) Sludge shall be dewatered through mechanical dewatering system only, as applicable and disposal shall be done in safe and hygienic manner outside the mine premises.
- i) All interconnecting piping shall be SS 316L only.
- j) All the necessary civil, mechanical, electrical, instrumentation, interconnecting piping works etc. as required to complete the job to achieve the desired objective of the project as mentioned elsewhere in the tender shall be part of this tender.
- k) All pumps centrifugal Material of Construction should be SS-316 body, Impeller -SS-2205 and One working & one standby in every section of ETP is compulsory.
- l) All dosing pumps required suitable MOC, One working and two stands by, SS-2205 is preferable.
- m) All tanks, treatment equipment should be corrosion preventer coating in non wetted parts and ebonite rubber coating required wetted parts.
- n) To provide Operational and Maintenance Manual along with designed drawings etc.

9. Design Criteria:

The bidder shall have to strictly follow the design criteria / norms as specified by the CPCB. The design criteria considered other than CPCB Parameter shall not be considered valid and tender shall be rejected. The tenderer shall have to submit the design sheet along with the references considered for the design. GMDC may verify the same for tender acceptance and evaluation. "Successful bidder shall take final approval of design before starting of work"

10. Special Conditions:

10.1 General

The Effluent treatment plant system outlined in this section specifies the special conditions for the system design, manufacture, supply and installation of ETP.

The work shall be carried out in a manner consistent with good practice in the local market. A qualified and experienced Engineer shall be engaged for site supervision.

The Contractor shall submit analytical test reports of effluent water samples after the commissioning or after the system is put into operation or as required by the Engineer in charge. The report shall contain analysis of all data related to those requirements laid down by the AMC in the tender.

10.2 Scope of Supply of Material

a] All materials, testing appliances, tools, tackles & spares etc. necessary for the successful execution & completion shall be procured and provided by the bidder.

b] Cement & aggregates:

Cement required for the construction, erection works shall be procured by the contractor at his own cost. All the cement to be used for the proposed work for any civil engineering activity shall be Portland Pozzolana Cement (Fly Ash based), confirming to IS: 1489, Part-I (Latest Edition) and from the specified contractors/manufacturers only.

c] Steel:

All reinforcement and structural steel required for construction, erection and other allied job shall be procured by the contractor at his own cost. All the reinforcement steel to be used for the RCC work for the proposed effluent treatment plant at all levels, shall be CRS (Corrosion Resistant Steel) type of Fe 500 Grade confirming to IS:1786 and from the specified contractors/manufacturers only.

d] Chemical and Consumables:

Only necessary electrical power will be supplied free of charge by GDMC during testing and commissioning. All other consumable items including chemicals and all other arrangements shall have to be made by the contractor at his own cost.

10.3 Safety:

All the safety and factory rules shall be strictly followed. The contractor is fully responsible for the safety of his staff and workmen and must equip them with safety appliances and tools.

- 10.3.1 The Contractor shall be responsible for provision of safety arrangements & protective clothing for all persons/employees on the site whether or not engaged in actual operation or supervision. The Contractor shall also be responsible for safety arrangements of all equipment used for construction and shall employ trained workmen conversant with safety regulation. The contractor shall use only tested equipment and tools and shall periodically renew tests to the satisfaction of the Engineer. All test certificates shall be made available to the Engineer at the site of the work. If at any time, in the opinion of the Engineer, this provision is not complied with, the contractor shall forthwith replace such equipment and tools.

10.3.2 The contractor shall display notices and arrange proper fencing at such places where hazardous work is being carried out. The contractor shall provide at his own expense on the works to the satisfaction of the Engineer at such places, proper and sufficient fire fighting, first aid appliances etc. which shall at all times be available for use.

11.0 General Scope:

a) By GMDC at sites:

- i.** Showing the location and their details.
- ii.** Transfer inlet water from the waste water storage pond to the pre fabricated treatment plant.
- iii.** Power supply & earthing for the equipment.
- iv.** Unloading and internal shifting of equipment module.

b) By bidder:

- i.** Lodging/Boarding etc.
- ii.** Bidder will carry out entire work in a manner to satisfy needs of the GMDC.
- iii.** The bidder shall visit the site and acquaint himself fully of the site and no claims whatsoever will be entertained on the plea of ignorance or difficulties involved in execution of work or carriage of materials.
- iv.** Design, Erection, Commissioning and Operation and Maintenance of Plant for next one year from the date of commissioning providing manpower, spares and chemicals etc. on the price of Annual Rate Contract.
- v.** Royalties for the construction materials i.e. Sand, Stone, aggregates, Rubble, murrum, gravel as specified from time to time by the State Government shall be paid by the contractor. All ruling regulations have to be strictly adhered to.
- iv.** Bidder will remain in contact with the Officer-In-Charge of Environment at Project and then shall plan their visits in consultation with them.
- v.** Bidder will abide by statutory regulations applicable at the project e.g. Mines Act, Factory Act and other related Law & Regulations etc.

GMDC reserves the right to terminate this contract at any time without assigning any reason/s. On withdrawal of bidder work order before the contract period by the tenderer, bidder will not make any query or complaint by any mean.

Any dispute shall be resolved mutually. In case of failure, the dispute shall be subject to Jurisdiction of Ahmedabad courts only.

12.0 Location of the Sites:

The proposed activity is required for following GMDC Lignite Projects in Gujarat State:

Sr. No.	Project Address
1	Tadkeshwar Lignite Mine, Village Tadkeshwar, Ta. Mandavi, Dist. Surat.
2	AMOD (G-19 Extn) Lignite Mine, village Amod, Ta. Jhagadia, Dist. Bharuch.
3	Surkha (N) Lignite Mine, village Surkha, Ta. Ghogha, Dist. Bhavnagar.
4	Mata no Madh Lignite Mine, village Mata no Madh, Ta. Lakhpat, Dist. Kutch.
5	Umarar Lignite Mine, village Umarsar, Ta. Lakhpat, Dist. Kutch.

13.0 Duration:

The time limit of this project is 3 (Three) months [Including monsoon and exclusive of commissioning and trial run period]. The commissioning shall be 1 month from the date of completion and the trial run shall be 2 months from the date of successful commissioning. The time period of completion shall be reckoned from the date of notification of award of work. The bidder shall have to submit a detailed PERT/BAR chart network, with the time frame consisting adequate number of contractual activities covering key phases of the works such as design, drawing, approval procurement, manufacturing, testing, construction and field erection activities. Monthly construction programme, progress and financial target achieved shall be drawn up and submitted at every first of calendar month. The bidder shall be strictly adhere to the schedule of work by deploying adequate personnel.

14.0 Terms of Payment:

Sr. No.	Against Supply	% age	Against Erection & Commissioning	% age	Against O & M	Payment terms (O&M)
1	After acceptance of Work Order by bidder.	20	On completion of erection work.	30	Operation and Maintenance Charges for one year O & M	It shall be made on Monthly basis from respective projects.
2	After 50% completion of work.	20				
3	After 75% completion of work done	20	On completion of commissioning.	40		
4	After 100% completion of work done	20				
5	After receipt of treatment plants on all projects	10	On completion of 2 months trial run.	30		
6	After initiating Erection Work	10				

The payment will be made after submission of the invoice/bill after deducting Income tax (TDS) as applicable. All payments will be made by cheques and/or RTGS only.

15.0 Following must be specifically noted;

[a] No 'D' or 'C' Form or Octroi exemption certificate will be furnished by the Corporation.

[b] The plant will located within the GMDC project premises, Gujarat State.

[c] Rates quoted must be exclusive of all applicable taxes.

[d] Applicable sale tax/income tax and surcharge as per Rules, will be deducted from all the payments made to the contractor as a TDS.

[e] Completion period will remain 3 (Three) months [Including monsoon]. Extension in completion period is not accepted. Further, it is ensured that comments will be offered on the drawings submitted for approval within 15 days of submission of drawing.

[f] Bidder to specifically note that he has to select the contractors from their Contractors List only given along with tender documents. However, for any of the items for which no vendor is mentioned, he must seek prior consent from GMDC while selecting the particular contractor out of Contractor List.

[g] The defect liability period of 12 (Twelve) months.

[h] Price Escalation shall not be paid to the successful bidder by the GMDC in any case.

[i] Interest of any kind what so ever shall never be paid / entertained in any case including delayed payment of Running bills or final bill or any such or all dues with GMDC.

16.0 Taxes, duties & levies and statutory obligations:

All applicable taxes and duties etc. towards Supply as well as Erection and commissioning shall be paid additional as per prevailing rules.

“Service Tax will be paid / adjusted / reimbursed to the successful bidder as per prevailing rates & rules as per Service Tax Act to the extent directly related to the services rendered by the successful bidder under the said contract subject to production of documentary proof and party will mention the service tax amount separately in the invoice / bill after considering the abatement, if any.

TDS will be deducted from the bills as per prescribed rule.

17.0 Tender Fee and Earnest Money Deposit:

- (a) A non-interest bearing DD / FD / Bank Guarantee of **TENDER Fee of Rs. 5000/- (Five Thousand only)** and **Earnest Money Deposit of Rs. 18,37,000/- (Rs. Eighteen Lakhs Thirty Seven Thousands only)** shall be submitted along with desired form provided with tender in separate sealed cover super scribed “**TENDER / EMD Fee**” in favour of GMDC Ltd. payable at Ahmedabad from banks approved by Govt. of Gujarat from time to time (except co-operative banks) in the form and manner acceptable to the Corporation. Any pending dues against invoice or any other deposit lying with the GMDC will not be adjusted against Earnest Money Deposit. Any Tender submitted without Earnest Money shall be summarily rejected and no claim shall be entertained on such rejected tenders.

- (b) The unsuccessful bidders will be refunded the only EMD amount within 30 days but only after receipt of written refund request from bidder.
- (c) Tender Fee is non refundable and EMD of successful bidder will refund within 3 months after satisfactory completion of contract. Earnest Money will not bear any interest.
- (d) If the party does not accept the work order issued by G.M.D.C., then EMD amount paid by the bidder will be forfeited.

18.0 Security Deposit: D.D. OR FD OR BANK GUARANTEE

- (a) The successful bidder shall have to deposit Security Deposit @ 5% (including EMD) of the total contract value as per the receipt of the LOI by way of DD / FD / Bank Guarantee in favour of **GMDC Ltd. payable at Ahmedabad** from banks approved by Govt. of Gujarat from time to time (except co-operative bank) in the form and manner acceptable to the Corporation.
- (b) If the successful bidder does not pay Security Deposit or does not fulfil any of the terms & conditions of this Tender, Earnest Money Deposit paid by such bidder shall be liable to be forfeited by the GMDC.
- (c) Security Deposit paid by the successful bidder shall be liable to be forfeited by the GMDC, if he is not able to maintain the terms & conditions of the Tender.
- (d) Security Deposit paid will be refunded within 3 months after the completion of the work satisfactorily.
- (e) Security Deposit will not bear any interest.

19.0 No Relaxation of Tender Fee/ EMD/ SD.

No relaxation will be made for Tender Fee/ EMD / SD.

20.0 Acceptance of LOI:

If the successful bidder does not accept the Letter of Intent issued by GMDC, the EMD paid by him will be forfeited.

The order will be awarded to the technically and commercially qualified and responsive Successful Bidder, who bid in conformity of the requirement of the specifications of the tender document. A responsive Bid is one which accepts all the terms and conditions of the specifications and tender documents without any major modifications. A major modification is one which affects in anyway the prices, quality, quantity or which limits in any way the responsibilities or liabilities of the Successful Bidder or any right of the Tenderer (GMDC).

21.0 Liquidated Damages:

Successful bidder shall be responsible for **Design, Supply, Erection, Commissioning and one year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State** as specified / described under the scope of work in this tender and technical document in accordance with sound and established practices, regulations applicable, for the purpose(s) specified, free from defects and suitable for respective uses intended. The cumulative limit of successful bidder's liabilities under the TENDER, for all guarantees or warranties of whatever nature, whether expressed or implied and all causes whatsoever including liquidated damages for delay and or non performance shall be limited to 5% of CONTRACT charges / remuneration.

22.0 Acceptance of General Terms & Conditions:

The bidder should unconditionally accept all the terms and conditions of the contract by signing & stamping on each page of the technical bid document of the tender including the annexure.

23.0 Black Listing of the Bidder:

The Bidder or its directors should not have been black listed by any Government Organization, or any litigation be pending against any of them. The bidder will submit declaration to this effect along with the technical bid. If at any time such declaration is found false, the bid will be rejected or if the contract work is already awarded, it will be terminated forthwith without payment of any compensation and the EMD/SD will be forfeited.

Bidder should never be penalized by Government Agencies like for VAT, Service Tax and Income Tax etc.

24.0 Non Full filament of Terms & Conditions & Termination of the contract:

If the successful bidder fails to carry out the work as per terms and conditions of the contract to the satisfaction of GMDC, GMDC shall be entitled to terminate the contract and forfeit the EMD / Security Deposit paid by the successful bidder.

If required, for any reason, GMDC reserves right to cancel, terminate, amend and / or alter the contract and / or bifurcate and / or reduce the contract work at any time without giving any notice to the Contractor without incurring any responsibility.

25.0 Jurisdiction:

The Court at Ahmedabad in Gujarat State only will have jurisdiction to deal with and decide any legal dispute or contravention between the parties hereto.

26.0 Arbitration:

The parties shall endeavour, in the instance, to resolve any dispute, disagreement or difference arising out of or in connection with this Agreement, including any question regarding its interpretation, performance, existence, validity, termination and the rights and liabilities of the Parties to this Agreement (a "Dispute") through good faith negotiations.

"Matter relating to any dispute or difference arising out of this Tender and subsequent contract shall be subject to the exclusive jurisdiction of Courts at Ahmedabad only".

"All questions, disputes, differences and/or interpretation of agreement whatsoever, which may at any time arise between the parties to this contract in connection with the contract or any matter arising out of or in relation thereto, shall be referred to Sole Arbitrator as per the provisions of Arbitration and Reconciliation Act, 1996 and the venue of arbitration proceedings shall be at Ahmedabad. The Language of the Arbitration shall be in English."

STATUS OF BIDDER

Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.

Name of the Bidder	
Full Address	
Telephone No.	
Fax No.	
E-Mail Address	
Name and Designation of Authorized person	
Copy of last three years Balance Sheet	
Detail and address of partners, if any	
Name of bankers with full address and telephone no.	
Details of PAN No. (Please attach copy)	
VAT Registration Details, If Applicable	
Service Tax Registration Details with copy of certificate, If Applicable	

Note: Bidders are requested to submit supporting documents duly signed and stamped for above asked.

Annexure – II

DETAILS OF RELEVANT WORK CARRIED OUT BY THE BIDDER
(Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State).

S. No.	Contract No. & Date/Year	Client	Details of work	Value of work	Completion period as per contract	Actual date of completion	Remarks

Note: Bidders are requested to submit supporting documents like copies of work orders &/or completion certificate.

Annexure – III

DETAILS OF SKILLED MANPOWER

(Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State).

Particulars of skilled manpower deployed on	Qualification and Year	Strength (Nos.)	Experience (Years)

Note: Bidders are requested to submit supporting documents including Copies of staff qualification certificate / bio-data and experience certificate etc. for above asked.

Annexure IV

EQUIPMENT MANUFACTURING FACILITY DETAILS

(Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State).

S. NO.	DETAIL OF EQUIPMENTS	QUANTITY	REMARKS

Annexure V

DETAIL OF REGISTERED CONTRACTOR WITH BIDDER
(Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State).

S. NO.	NAME AND ADDRESS OF CONTRACTOR	WORK ASSIGNMENT	CONTRACT VALIDITY PERIOD

PRICE BID

Charges against Design and Supply of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.

Sr. No.	Project	Total Contract Value – (Rs. in Lakhs) (Exclusive Taxes)
1	Tadkeshwar Lignite Project in Gujarat State inclusive transportation of complete treatment module.	
2	Amod (G-19 Extn.) in Gujarat State inclusive transportation of complete treatment module.	
3	Mata No Madh in Gujarat State inclusive transportation of complete treatment module.	
4	Surkha (N) in Gujarat State inclusive transportation of complete treatment module.	
5	Umarsar Lignite Projects in Gujarat State inclusive transportation of complete treatment module.	

Note: All applicable taxes shall be paid additional as per rates & rules.

PRICE BID

Charges against Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State.

Sr. No.	Description			
	PROJECT	ERECTION & COMMISSIONING CHARGES (Rs. in Lakhs) (Exclusive Taxes)	One Year O & M Charges (Rs. in Lakhs) (Exclusive Taxes)	Total Contract Value – (Rs. in Lakhs) (Exclusive Taxes)
I	Tadkeshwar Lignite Project in Gujarat State inclusive transportation of complete treatment module.			
II	Amod (G-19 Extn.) in Gujarat State inclusive transportation of complete treatment module.			
III	Mata No Madh in Gujarat State inclusive transportation of complete treatment module.			
IV	Surkha (N) in Gujarat State inclusive transportation of complete treatment module.			
V	Umarsar Lignite Projects in Gujarat State inclusive transportation of complete treatment module.			

- Note:**
- 1. All applicable taxes shall be paid additional as per rates and rules.**
 - 2. Chemicals & Spares etc. shall be in the scope of GMDC and for the same GMDC will sign Annual Rate Contract with the Successful Bidder for Chemicals and spares as per Actual Requirement / Consumption.**

DECLARATION

(On letter head of the Bidder)

FROM:

DATE:

To,
The Managing Director,
Gujarat Mineral Development Corporation Ltd.,
“Khanij Bhavan”, 132 ft. Ring Road,
University Ground, Vastrapur,
Ahmedabad-380015

Subject: e-Tender for “Design, Supply, Erection, Commissioning and One Year Operation & Maintenance of Pre Fabricated Effluent Treatment Plant on GMDC’S Tadkeshwar, Amod (G-19 Extn.), Surkha (N), Mata No Madh and Umarsar Lignite Projects, in Gujarat State”.

Dear Sir,

I/we here by solemnly declare that any of our Directors or Partners, jointly or severally and/or individually or our firm/company have not been black listed by the Central Govt. or the State Govt. or its undertakings.

I/we here by further declare that, if the declaration is found untrue, the GMDC shall be entitled to take any action against us severally and/or individually or our firm/company in this regard in any manner that may be deemed fit by GMDC.

Yours faithfully,

Signature and Stamp of the contractor