

e- Tender No. – GMDC/ENV/01./2023

e-Tender
For

THREE YEARS COMPREHENSIVE OPERATION & MAINTENANCE CONTRACT OF PRIMARY EFFLUENT TREATMENT PLANT AT GMDC'S TADKESHWAR, AMOD (G-19 EXTN.), SURKHA (N) AND UMARSAR LIGNITE MINES IN GUJARAT STATE



**GENERAL MANAGER (ENVIRONMENT)
GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
(A Govt. of Gujarat Enterprise)
CIN: L14100GJ1963SGC001206
KHANIJ BHAVAN, 132' RING ROAD, UNIVERSITY GROUND
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Visit our web-site: www.gmdcltd.com**



GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED

e-Tender No. – GMDC/ENV/01./2023

Work Description.	:	Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) and Umarsar Lignite Mines 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. Umarsar Lignite Mine, Ta. Lakhpat, Dist. Kutch (Date of initiation and duration of ETP O&M at Umarsar Lignite Mine, Dist. Kutch shall be decided later as well as accordingly communicated).
Tender Processing Fee (Non-Refundable)	:	<p>Rs. 5000/- + GST (18%) (Rs. 900/-) = Rs. 5900/- (Five Thousands & Nine Hundred only) through D.D.</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 (Refundable)	:	<p>Rs. 785720/- (Rs. Seven Lakhs Eighty Five Thousands Seven Hundred & Twenty only) through D.D. only.</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 (Refundable)	:	<p>10 % of contract value 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.	:	10 th April 2023 – 15:00 Hrs.
Last date and time of online submission of bid.	:	10 th April 2023 – 15:00 Hrs.
Last date & time of submission of tender processing fee, EMD and all necessary supporting documents in hard copy.	:	10 th April 2023 – 15:00 Hrs.
Date & time for on-line opening and viewing of preliminary bid.	:	11 th April 2023 – 12:00 Hrs.
Date & time for on-line opening of technical bid.	:	11 th April 2023 – 12:05 Hrs.

Date & time for on-line opening of price bid.	:	11 th April 2023 – 12:10 Hrs.
Estimated Value	:	Rs. 2,61,90,657 excluding GST
Period of Contract	:	03 (Three) Years
Validity of Bid.	:	180 Days from the last date of submission of bid. Rate quoted shall remain valid for 180 days from the date of opening of technical bid which shall be deemed to be extended unconditionally for further period of 90 days, if GMDC requires.

GMDC reserves absolute right/discretion to accept and/or reject any or all the tender received or invite fresh bids at any stage or split the work between more than one bidders as the case may be.

CHAPTER I

GENERAL INSTRUCTIONS TO THE BIDDERS:

1.1 THE TENDER & THE OFFER:

- a) 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.
- b) 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. The bidder should visit the location of work where the work is to be executed and understand the scope of work before quoting the price bid. Site visit declaration signed and stamped by GMDC representatives must be submitted as per format given in Annexure V.
- c) The tender document and forms referred to in the tender, if not submitted or if submitted but not duly filled in (where required) and signed, will result in rejection of the tender.
- d) It is a three-bid system. The bid is required to be submitted online latest within the date and time prescribed in the tender notice.

Part – I Preliminary Bid

Detail of DD for EMD and Tender Processing Fee shall be submitted online. Further, Original Demand Drafts of **Tender Processing 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 and Tender Processing 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, copies of certificates in support of qualification and experience, Certificates, Permanent Account Number (PAN), Goods & Service Tax etc. shall be placed in separate & sealed cover sub-scribed **“TECHNICAL BID, Tender No. and Name of work etc.**

Part – III Price-bid (Annexure VI)

To be submitted online only within the stipulated time.

All supporting documents along with tender processing fee and EMD in a sealed envelope sub-scribed **“Pre & Technical Bid, Tender No. and Name of work etc.** must reach till last date on below given address:

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

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 qualified bidders will be opened.

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 submitting their offer. In case of any doubt they may seek clarification from General Manager (Environment) at the Corporate 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 processing fee and EMD along with their respective forms.

Technical bid of only those bidders will be opened from whom tender processing fee and EMD will be received by GMDC. 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 observe technically qualified. Date and time of opening of Price Bid will be intimated to the technically qualified bidders.

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@gnfc.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 Corrigendum:

Bidders are requested to see the website <https://gmdc.nprocure.com> from time to time before due date of Tender opening to 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 solely that of the downloading parties.

No separate intimation in respect of corrigendum will be sent to Bidders who down loaded the Tender document.

2.0 Examination

2.1 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.

2.2 The Bidder would acquaint himself with all Government Procedures, Permissions, Mining and Labour laws, Environment 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.

2.3 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.

2.4 The Bidder shall be required to visit the mines site and its surroundings, carefully examined and satisfied himself about the existing site conditions, availability of local facilities, means of transport etc. before quoting rates. Site visit declaration shall be submitted as per the format (Annexure V) as well as supporting document from GMDC site representative certifying site visit is also compulsory for technical evaluation.

3.0 Any conditional tender will be rejected outright and no claim whatsoever in respect thereof shall be entertained.

4.0 GMDC reserves the right to reject / cancel any or all offer submitted by the bidders 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 Submission of False or incorrect information, history of delaying in completion of work, reports of unprofessional conduct among other things shall be sufficient grounds for disqualification in technical bid.

6.0 To assist in the scrutiny, evaluation and comparison of bids, GMDC, may at its discretion to seek from any or all bidders, clarification(s) on his/her bids including technical information,

documents, materials after the Technical Bid opening but before the opening of price bid. The request for Clarification and response shall be in writing but no change in final price or substance of bid shall be permissible.

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

8.0 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.

9.0 Validity of the offer: Rate quoted shall remain valid for 180 days from the date of opening of technical bid, which shall be deemed to be extended unconditionally for further period of 90 days, if GMDC require it.

CHAPTER II

TERMS AND CONDITIONS:

Gujarat Mineral Development Corporation Ltd. (GMDC) invites bids from financially & technically sound, experienced and reputed bidders for **Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) and Umarsar Lignite Projects (Date of initiation and duration of ETP O&M at Umarsar Lignite Mine, Dist. Kutch shall be decided later as well as accordingly communicated) in Gujarat State.**

1. Scope of Work:

Comprehensive operation & Maintenance (including all type of spares and maintenance etc.) of all the ETP's at above locations shall be carried out by the successful bidder. All ETP's have been installed in the year 2018. The period of contract shall be of three years from the date of commencement of work of O&M as per the instructions received from GMDC.

(i) Operational Hours and Details:

Successful Bidder has to operate the ETP in 3 Shifts of 8 hours each considering 20-22 Hours of Operation of ETP per day and in remaining 2-4 hours, back wash along with sludge drying – upkeep and other cleaning / backwash/daily maintenance etc. Output Quality of PETP should be maintained as tabulated below in this tender document. Operation of 6 days per week should be maintained in all the 3 shifts as well as one day per week should be dedicatedly reserved for Preventive Maintenance and cleaning etc. Proper record of all the parameters should be maintained properly as well as to be submitted to GMDC.

(ii) Operational and Monitoring Staff for ETP's:

Details of desired staff in shift are require along with their qualification and experience as below:

Sr. No.	Designation	Qualification	Experience
1	One Overall Coordinator for ETPs (Offsite)	B.E. or B. Tech in Mechanical, Chemical or Environment	Minimum 5 Years in ETP Operation/Project.
2	One Plant In-charge (General Shift - Onsite)	B.E. or B. Tech in Mechanical, Chemical or Environment	Minimum 3 Years in ETP Operation/Project
3	One Plant Operators (On site - Each Shift)	12 Std. or above or ITI	Minimum 2 Years in ETP Operation/Project
4	One Helpers (On site - Each Shift)	10 Std. or above	-

Note:

- 1) In case of failure of criteria of qualification and experience of manpower by the successful bidder as per the requirement of this tender document, 3% penalty from monthly bill amount shall be imposed and deducted from the monthly payment of successful bidder.
- 2) In case of continuous absence of any one or more qualified and experienced manpower of the contractor beyond 3 days except holidays applicable at individual project of GMDC, 1% penalty after 3 days from monthly bill amount shall be imposed and deducted from the monthly invoice of successful bidder.

- 3) In case of absent of all the manpower on any day / days including Sunday, proportional payment of that day shall be deducted from the amount of monthly payment of contractor.
- 4] Before the taking charge of ETP, contractor has to submit the project wise detail of Manpower to be deputed for ETP O&M along with notarized copies of their qualification and experience certificates.

(iii) Monitoring and Analysis of Effluent:

Contractor shall be responsible for the analysis of all the parameters given below once in 7 days (pH to be monitored daily) in their laboratory as well as once in a month from NABL Recognized laboratory:

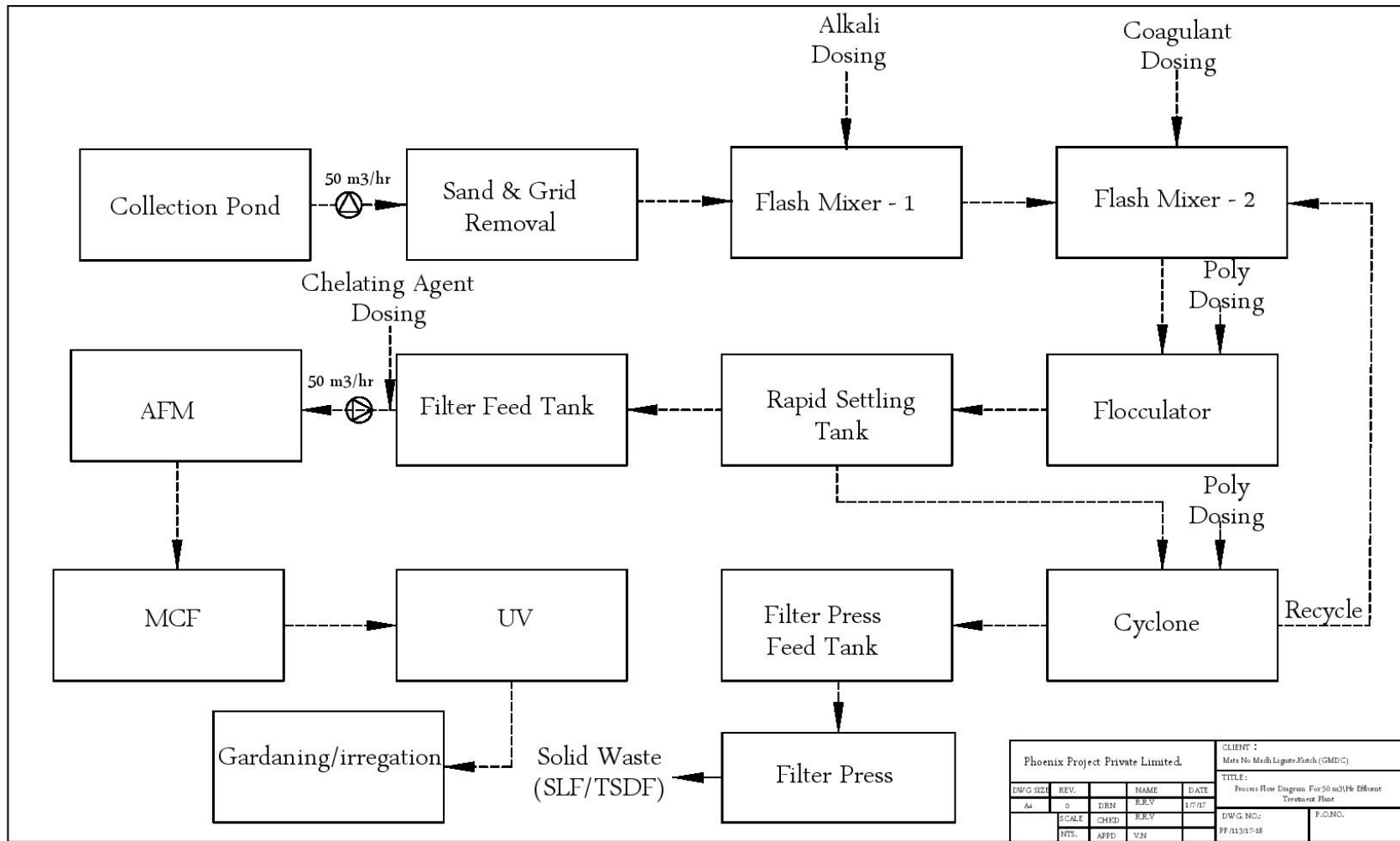
S. No.	Parameters	Units	Values to be achieved after ETP
1	pH		6.5-8.5
2	Temperature	°C	< 40
3	Colour	Cu	Colourless
4	Oil and Grease	ppm	< 2
5	Total Suspended Solids (TSS)	ppm	< 10
6	Iron	ppm	< 3
7	Ammonical Nitrogen	ppm	< 50
8	Hexavalent Chromium	ppm	< 0.1
9	Total Chromium	ppm	< 2
10	Phenolic Compound	ppm	< 1
11	Dissolved Phosphate	ppm	< 5

- 1) Proper record of all the parameters should be maintained properly as well as to be submitted to GMDC.
- 2) If Successful bidder fails to collect the sample as well as submission of weekly and monthly effluent analysis reports within every 10 days after the completion of 7 days period as well as 1 month period, 1% of penalty shall be imposed as well as shall be deducted from the amount of Monthly Invoice of the Successful bidder. But submission of reports is compulsory even after the said period of 10 days. If bidder has its own NABL accredited laboratory, in that case, monthly report of effluent has to be compulsorily done by another NABL accredited laboratory.
- 3) In case of not achieving all or any one of water parameters as mentioned in treated effluent in this tender document, 3% penalty shall be deducted from the amount of monthly invoice of the Successful bidder. Basis of deduction may be based on analysis by any other NABL laboratory arranged by GMDC or results given by any statutory agency like State Pollution Control Board, CPCB or MOEFCC etc.
- 4] In case of failure of ETP treated water through any statutory body strict action shall be taken against ETP Contractor as well as it will be the responsibility of contractor to handle the matter with that statutory body(ies) as well as represent them the outcome of parameters within statutory norms after taking appropriate corrective and preventive measures till the withdrawal of said notice.
- 5] Periodic Calibration of Online Analyzers shall be the responsibility of ETP O&M contractor but GMDC may cross check the same through the Original Equipment Supplier of these online analyzers to check the deviation, if any. In case of deviation, if observed, 1% penalty shall be deducted from the amount of monthly invoice of the Successful bidder.
- 6) No arguments / objection shall be entertained later on for any parameters. It shall be solely successful bidder(s) responsibility to take care of it to achieve the desired treatment standards as mentioned above.

(iv) Description of Treatment Steps:

The water treatment plant is having the following steps of treatment process:-

- Intake Effluent Feed Pump
- Sand & Grid Removal
- Caustic Lye Dosing - D1 — pH correction
- Coagulant dosing - D2- TSS, Color removal
- Flash mixer-1
- Ballasted Micro Sand Dosing -D3- Rapid Settling
- Flash Mixer-2
- Flocculant Dosing- D4- Flocculation
- Flouculator
- Rapid Settling Tank—— Sludge Removal
- Filter Press Feed Tank
- Chelating Agent Dosing- D5- Heavy Metals & other Harmful element reduction.
- Chemicals to be arranged by GMDC.
- Active Filter Media (AFM)
- Micron Cartridge Filter (MCF)
- Ultraviolet Treatment (UV)
- Treated water Outlet



Phoenix Project Private Limited				CLIENT : Mats No Math Lagan-Jhach (GMDC)	
DWG SIZE				TITLE :	
A4	0	DEN	E.R.V	17/07	Process Flow Diagram For 50 m3/hr Effluent Treatment Plant
SCALE	CHFD	E.R.V			DWG NO: PP/01307-18
NTS	APPD	V.N			P.O.NO.

(v) Technical Details of various Equipment / Sections of ETP (50 M3/Hour Capacities):

1. Feed Pump

Quantity	: -	3 nos. (2W+1S)
MOC	: -	SS-316L
Impeller	: -	SS -2205
Capacity	: -	50 m3/hr
Motor	: -	9.5 KW
Head	: -	30M

2. Sand & Grid Removal

Quantity	: -	1
MOC	: -	SS-316

3. Flash mixer -1

Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	2.2Kw

4. Flash Mixer -2

Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	2.2Kw

5. Flouculator

Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	3.7Kw

6. Rapid Settler

Quantity	: -	1
MOC	: -	MS RL
Capacity	: -	25 KL
Gear Box	: -	2.2Kw

7. Cyclone Feed Pump

Quantity	: -	2 nos (1W+1S)
MOC	: -	SS-304
Capacity	: -	7.50 m3/hr
Capacity	: -	7.5 KWH /2900 rpm
Head	: -	80M
Model no	: -	1.5X1-6
Mechanical Seal	: -	Single
Type	: -	Semi Open

8. Cyclone Separator with Screw Feeder

Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	1.2Kw

9. Chemical Preparation Tanks & Mixers

a) Alkali Dosing Tank

Quantity	: -	1 no.
MOC	: -	MSRL
Capacity	: -	2000 lits ($\pm 5\%$)
Quantity	: -	1no.
MOC	: -	HDPE
Capacity	: -	1000 lits ($\pm 5\%$)
Gear Box with Stirrer Assembly	: -	0.7 Kw (2nos)

b) Coagulant Dosing Tank

c) Poly Electrolyte

Quantity	: -	1 no.
MOC	: -	MSRL
Make	: -	STT
Capacity	: -	2000 lits ($\pm 5\%$)
Gear Box with Stirrer Assembly	: -	0.7 Kw

d) Chelating Agent Dosing Tank

Quantity	: -	1 no
MOC	: -	HDPE
Capacity	: -	500 lits ($\pm 5\%$)

10. Alkali Dosing

Quantity	: -	3 nos (2W+1S)
MOC	: -	SS-304
Type	: -	Simplex Single Plunger type
Capacity	: -	250 LPH ($\pm 5\%$)
Motor	: -	0.5 kw , CG or Equal

11. Coagulant Dosing

Quantity	: -	3 nos (2W+1S)
MOC	: -	PP or Equal
Type	: -	Simplex Single Plunger type
Capacity	: -	150 LPH ($\pm 5\%$)
Motor	: -	0.35 kw , CG or Equal

12. Poly Electrolyte Dosing Pump

Quantity	: -	3 nos (2W+1S)
MOC	: -	SS-304
Make	: -	Tortech / Xeed or equal
Type	: -	Simplex Single Plunger type
Capacity	: -	250 LPH ($\pm 5\%$)
Motor	: -	0.5 kw

13. Chelating Dosing Pump

Quantity	: -	3 nos (2W+1S)
MOC	: -	PP or Equal
Type	: -	Simplex Single Plunger type
Capacity	: -	100 LPH ($\pm 5\%$)
Motor	: -	0.25 kw , CG or Equal

14. Poly Electrolyte Dosing Pump for Dewatering

Quantity	:-	3 nos (2W+1S)
MOC	:-	SS-304
Type	:-	Simplex Single Plunger type
Capacity	:-	100 LPH ($\pm 5\%$)
Motor	:-	0.25 kw, CG or Equal

15. Filter Feed Tank

Quantity	:-	1 no
MOC	:-	RCC
Capacity	:-	50 KL

16. Active Filter Media (AFM)

Quantity	:-	1no
Capacity	:-	50.0 m3/hr
MOC	:-	MS-epoxy
Size	:-	2100 mm dia ,1500mm H
Multiport valve	:-	1no
Media	:-	varies pebbles
Operation	:-	Auto

17. Active Filter Media Feed Pump

Quantity	:-	2 nos (1W+1S)
MOC	:-	SS-304
Capacity	:-	50.0 m3/hr
Motor	:-	CG/Kriloskar/ Siemens
Capacity	:-	7.5 KWH /2800 rpm,
Head	:-	30M
Model no	:-	1.5X1-6
Mechanical Seal	:-	Single
Type	:-	Semi Open

18. UV Disinfection System

Quantity	:-	1no
MOC	:-	SS-316
Make	:-	Alfa UV or Equal
Capacity	:-	50.0 m3/hr
Model	:-	HF-6 with UV monitoring & Auto Power supply

19. Filter Press Feed Tank

Quantity	:-	1 no
MOC	:-	MS RL
Capacity	:-	5 KL
Gear Box	:-	2.2Kw

20. Filter Press Feed Pump

Quantity	:-	2 nos (1W+1S)
MOC	:-	SS-304
Capacity	:-	7.50 m3/hr
Motor	:-	CG/Kriloskar/ Siemens
Capacity	:-	3.7 KWH /2900 rpm
Head	:-	30M

Model no	: -	1.5X1-6
Mechanical Seal	: -	Single
Type	: -	Semi Open

21. Filter Press Assembly

Quantity	: -	1no
MOC	: -	MS-CI & PP
Plate Size	: -	36"X 36"
Qty	: -	37 nos
Type	: -	Hydraulic

22. Leachate Water Transfer pump

Quantity	: -	2 nos (1W+1S)
MOC	: -	SS-304
Capacity	: -	1.50 m3/hr
Motor	: -	CG/Kriloskar/ Siemens
Capacity	: -	0.7 KWH /2900 rpm
Head	: -	30M

23. Internal Pipe Line connection & Valves

Quantity	: -	1lot
MOC	: -	SS-316, Except -Inlet line
Size	: -	As per requirement

24. Panel Board

Quantity	: -	1lot
Spares Make	: -	L&T or Siemens

(vi) Technical Details of various Equipment / Sections of ETP (30 M3/Hour Capacities):

1. Feed Pump

Quantity	: -	3 nos (1W+2S)
MOC	: -	SS-316L
Impeller	: -	SS -2205
Capacity	: -	30 m3/hr
Motor	: -	7.5 KW
Head	: -	30M

2. Sand & Grid Removal Screen System

Quantity	: -	1
MOC	: -	SS-316

3. Flash mixer -1

Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	1.2Kw
Make	: -	Elecon or Equal

4. Flash Mixer -2		
Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	1.2Kw
Make	: -	Elecon or Equal
5. Flouculator		
Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	1.2Kw
6. Rapid Settler		
Quantity	: -	1
MOC	: -	MS RL
Capacity	: -	20 KL
7. Cyclone Feed Pump		
Quantity	: -	2 nos (1W+1S)
MOC	: -	SS-304
Capacity	: -	5.0 m3/hr
Motor	: -	CG/Kriloskar/ Siemens
Capacity	: -	7.5 KWH /2900 rpm
Head	: -	80M
Model no	: -	1.5X1-6
Mechanical Seal	: -	Single
Type	: -	Semi Open
8. Cyclone Separator with Screw Feeder		
Quantity	: -	1
MOC	: -	MS RL
Gear Box	: -	0.70Kw
9. Chemical Preparation Tanks & Mixers		
a) Alkali Dosing Tank		
Quantity	: -	1 no.
MOC	: -	MSRL
Capacity	: -	1000 lits ($\pm 5\%$)
b) Coagulant Dosing Tank		
Quantity	: -	1 no.
MOC	: -	HDPE
Capacity	: -	1000 lits ($\pm 5\%$)
Gear Box with Stirrer Assembly	: -	0.7 Kw (2nos)
c) Poly Electrolyte		
Quantity	: -	1 no.
MOC	: -	MSRL
Capacity	: -	1000 lits ($\pm 5\%$)
Gear Box with Stirrer Assembly	: -	0.7 Kw

d) Chelating Agent Dosing Tank

Quantity	: -	3 nos.
MOC	: -	HDPE
Capacity	: -	500 lits ($\pm 5\%$)

10. Alkali Dosing

Quantity	: -	3 nos. (2W+1S)
MOC	: -	SS-304
Type	: -	Simplex Single Plunger type
Capacity	: -	150 LPH ($\pm 5\%$)
Motor	: -	0.25 kw , CG or Equal

11. Coagulant Dosing

Quantity	: -	3 nos. (2W+1S)
MOC	: -	PP or Equal
Make	: -	Tortech / Xeed or equal
Type	: -	Simplex Single Plunger type
Capacity	: -	100 LPH ($\pm 5\%$)
Motor	: -	0.25 kw , CG or Equal

12. Poly Electrolyte Dosing Pump

Quantity	: -	3 nos. (2W+1S)
MOC	: -	SS-304
Type	: -	Simplex Single Plunger type
Capacity	: -	150 LPH ($\pm 5\%$)
Motor	: -	0.5 kw

13. Chelating Dosing Pump

Quantity	: -	3 nos. (2W+1S)
MOC	: -	PP or Equal
Type	: -	Simplex Single Plunger type
Capacity	: -	50 LPH ($\pm 5\%$)
Motor	: -	0.15 kw

14. Poly Electrolyte Dosing Pump for Dewatering

Quantity	: -	3 nos. (2W+1S)
MOC	: -	SS-304
Type	: -	Simplex Single Plunger type
Capacity	: -	50 LPH ($\pm 5\%$)
Motor	: -	0.15 kw

15. Filter Feed Tank

Quantity	: -	1
MOC	: -	Civil -RCC
Capacity	: -	30KL

16. Active Filter Media (AFM)

Quantity	: -	1 no
Capacity	: -	30.0 m3/hr
MOC	: -	MSRL
Size	: -	1800 mm dia , 1500mm H
Multiport valve	: -	1 no

Media	:-	varies pebbles
Operation	:-	Auto

17. Active Filter Media Feed Pump

Quantity	:-	2 nos (1W+1S)
MOC	:-	SS-304
Capacity	:-	30.0 m3/hr
Capacity	:-	7.5 KWH /2800 rpm,
Head	:-	30M
Mechanical Seal	:-	Single
Type	:-	Semi Open

18. UV Disinfection System

Quantity	:-	1no
MOC	:-	SS-316
Capacity	:-	30.0 m3/hr

19. Filter Press Feed Tank

Quantity	:-	1
MOC	:-	MS RL
Capacity	:-	3 KL
Gear Box	:-	1.2 Kw

20. Filter Press Feed Pump

Quantity	:-	2 nos (1W+1S)
MOC	:-	SS-304
Capacity	:-	5.0 m3/hr
Capacity	:-	2.2 KWH /2900 rpm
Head	:-	30M
Mechanical Seal	:-	Single
Type	:-	Semi Open

21. Filter Press Assembly

Quantity	:-	1no
MOC	:-	MS-CI & PP
Make	:-	JayCo industries
Plate Size	:-	24"X 24"
Qty	:-	25 nos
Type	:-	Hydraulic

22. Leachate Water Transfer pump

Quantity	:-	2 nos (1W+1S)
MOC	:-	SS-304
Capacity	:-	1.50 m3/hr
Capacity	:-	0.7 KWH /2900 rpm
Head	:-	30M

23. Internal Pipe Line connection & Valves

Quantity	:-	1
MOC	:-	SS-316, Except - Inlet line
Size	:-	As per requirement

24. Panel Board

Quantity : - 1

25. Online Instrumentation (In Each ETP)

pH Meter : - 2 (Inlet & Outlet)

TSS Meter : - 1 (Outlet)

Flow Meter : - 2 (Inlet & Outlet)

Energy Meter : - 1

(vii) Treatment Objectives:

Considering the raw effluent quality and the required treated effluent quality, the Successful bidder shall have to achieve the following objectives:-

- To achieve guaranteed treated effluent quality as defined in the tender document.
- Under Comprehensive bid all type of spares and maintenance & repair etc. during the contract period shall be in the scope of successful bidder only.
- In case, if any equipment, pumps, motors, other structure etc., which can stop the operation of ETP, observed out of working, it must be repaired immediately and not exceeding 2 days but in case of standby equipment, pumps, motors, other structure etc., it must be repaired by successful bidder within 10 days and in case of failure of these conditions, there shall be provision of penalty of 2% from the amount of montly invoice of the contractor shall be appicable.
- Corrosion proof painting to all the structure of ETPs' before the initiation of O&M of ETP on all the projects shall be in the scope of successful bidder only and the date of O&M shall be considered after the completion of painting as well as deputation of all the qualified and experienced manpower as per this tender document only.
- 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 meeting criteria of TSDF. Sludge handling and disposal will be in the scope of successful bidder only.
- Following chemicals for ETP will be provided by GMDC. Internal transport of chemicals arranged by GMDC from project Store to the ETP site shall be in the scope of ETP O&M contractor. Currently following chemicals are in use:

Chemical

- (I) Caustic Lye (48%)
- (II) Poly Aluminum Chloride
- (III) Poly Electrolyte
- (IV) Chelating Agent
- (V) Micro Sand

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

Sr. No.	Project Detail	ETP Capacity	Proposed Production Capacity during O & M (Estimated)
1	Umarsar lignite project, Dist. Kutch	30 M3 / HOUR	Minimum 600 M3 / Day
2	Surkha (N) lignite project, Dist. Bhavnagar	50 M3 / HOUR	Minimum 1000 M3 / Day
3	Rajparadi lignite project, Dist. Ankleshwar	30 M3 / HOUR	Minimum 600 M3 / Day
4	Tadkeshwar lignite project, Dist. Surat	50 M3 / HOUR	Minimum 1000 M3 / Day

- Note:**
- 1) GMDC shall have the right to reduce the quantum of work or to skip the contract of subjected work of this tender for any or all projects without assigning any reason to the bidders.
 - 2) Date of initiation and duration of ETP O&M at Umarsar Lignite Mine, Dist. Kutch shall be decided later as well as accordingly communicated or may not be awarded.
 - 3) 10% deviation from effluent quantity mentioned in this tender document on monthly basis may be accepted but for deviation beyond 10% in monthly total quantity (@26 days per month), 1% penalty shall be deducted from the amount of monthly invoice of the contractor.
 - 4) Installation and commissioning of Water Meters on all the ETPs shall be the responsibility of contractor which should be connected to cloud server and per day data has to be submitted separately to the GMDC representative at project through e-mail also. It should be achieved within 15 days of the commencement of work, in case of failure of the said guidelines of 15 days, 1% penalty shall be deducted from the amount of monthly invoice of the contractor.

(viii) Safety:

All the safety norms of mine as well as environmental laws and rules shall be strictly followed. Successful bidder is fully responsible for the safety of his staff and workmen and must equip them with safety appliances and tools.

- (I) The successful bidder shall be responsible for provision of safety arrangements & protective equipments for all persons/employees on the site whether or not engaged in actual operation or supervision. Successful bidder shall also be responsible for safety arrangements of all equipment used and shall employ trained workmen conversant with safety regulation. Successful bidder 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; successful bidder shall forthwith replace such equipment and tools.
- (II) Successful bidder shall display notices and arrange proper fencing at such places where hazardous work is being carried out. Successful bidder shall provide it at his own expense on the works to the satisfaction of the GMDC at such places, proper and sufficient fire fighting, first aid appliances etc. which shall at all times be available for use.

(ix) General Scope of Successful Bidder:

- i. Operation and Maintenance of ETP's for Three years from the date of commencement / as per the instruction received from GMDC to initiate the O&M.
- ii. All type of spares and maintenance etc. as and when require for the smooth operation of ETP.
- iii. Lodging/Boarding of Staff etc.
- iv. Successful bidder will carry out entire work in a manner to satisfy needs of the GMDC.
- iv Successful 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. Collection, Storage & Disposal of Sludge in TSDF.
- vi. Weekly and Monthly Analysis of Effluent.
- vii. Arrangement to provide data of online analyzers available on ETP's on Cloud Server by providing Server and User ID with Password for online reporting and storage of data on cloud for pH, TSS, Flow Meter, Energy Meter and Water Meter etc. It should be initiated within 15 days after the commencement of O&M of ETP at individual project. In case of not achieving within 15 days, 1% penalty shall be deducted from the amount of monthly invoice of contractor.

2.0 Scope of Assistance from GMDC:

- i. Inlet water up to pre-fabricated primary effluent treatment plant.
- ii. Power supply & earthing for the equipment.
- iii Essential Chemicals as mentioned above under treatment objective.
- iv Sim Card or LAN Connection for Data on Cloud Server.
- v If required, for any reason, GMDC reserves right to cancel, terminate, amend or reduce and / or alter this tender document scope and / or bifurcate and / or increase and/or reduce the contract work at any time without giving any notice to the successful Bidder(s) without incurring any responsibility.

3.0 Qualification Criteria:

- (i) Bidder should have experience in operation and maintenance in at least 3 effluent treatment plants of capacity not less than 500 KLD in last 5 years ending on 31/12/2022.
- (ii) Bidder should have minimum 10 years of experience in the field of Effluent Treatment Plant ending on 31/12/2022.
- (iii) Annual Average turnover of last three financial years should be at least 80 Lakhs or above ending on 31/03/2022.
- (iv) Net Worth of bidder should not be negative in last 5 financial years ending on 31.03.2022.
- (v) Bidder should have its own centralized lab facility for water analysis along with qualified and experienced staff.
- (vi) Interested Bidder has to visit the site(s) at his own cost and shall satisfy him-self with regard to the nature and extent of the work involved, the actual site conditions, existing facilities and shall collect any other information which may be required before

submitting the bid. Any further data required during execution of the work / scheme shall be ascertained by the bidder at his own cost. Responsible authorized person(s) with authority letter of the interested bidders can only visit the site and bidders who will not visit the sites as stipulated above shall not be eligible to participate in the bid. Site visit declaration certified by GMDC project must be submitted as per format.

4.0 Duration of Contract:

The period of contract shall be of Three years from the date of commencement of work of O&M at individual project as per the instructions received from GMDC.

5.0 Terms of Payment:

After the completion of month of O&M, contractor has to submit the bills of O&M at individual project along with all the necessary supporting documents as per the requirement of individual project. After that month wise payment against monthly RA Bill shall be released by individual project considering the compliance of the various conditions mentioned in the work order. Penalty as mentioned under various clause of this tender document, if applicable, shall be deducted from the amount of monthly invoice by individual project.

The payment will be done after deducting TDS & other deduction, if any as applicable. All payments will be made by cheques and/or RTGS only.

6.0 Taxes, duties & levies and statutory obligations:

All applicable taxes and duties etc. shall be paid additional as per prevailing rules.

“GST will be paid / adjusted / reimbursed to the contractors upon submission of proof as per prevailing rates & rules to the extent directly related to the services rendered by the contractor under the said contract subject to production of documentary proof and party will mention the GST amount separately in the invoice / bill after considering the abatement, if any.

Any other fresh imposition or variation in existing taxes or levies during the currency of the contract by the Govt. if applicable after submission of the bid and payable by the Contractor, shall be reimbursed by GMDC at actual subject to submission of documentary proof of having remitted the same and to the extent directly related to the services rendered by the Contractor under this contract. This shall be subject to submission of documentary proof clearly mentioning the name of work and respective RA Bill No.

TDS and GST on TDS as per applicable rates will be deducted from the monthly RA bills as per prescribed rule.

7.0 Tender Processing Fee and Earnest Money Deposit:

- (a) A non-interest bearing DD of TENDER processing Fee of Rs. 5000/- (Rupees Five Thousands only) and additional GST of Rs. 900/- (Nine Hundred only) (18% of tender processing fee), totaling to 5000 + 900 = 5900/- (Rupees Five Thousands and Nine Hundred only) and Earnest Money Deposit of Rs. 785720/- (Rupees Seven Lakhs Eighty Five Thousands Seven Hundred & Twenty only) through D.D. only. It should 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 bank) in the form and manner acceptable to the GMDC. 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 tender.

- (b) The unsuccessful bidders will be refunded the only EMD amount by way of crossed cheque / RTGS/NEFT within 30 days.
- (c) Tender processing Fee is non refundable and EMD of contractor/successful bidder will be refunded within 30 days after the receipt of Security Deposit.
- (d) If the successful bidder does not accept the LOI issued by GMDC then EMD amount paid by the successful bidder will be forfeited.
- (e) EMD will not bear any interest.
- (f) Liquidated damages may be recovered from EMD.

8.0 Security Deposit:

- (a) The successful bidder shall have to deposit Security Deposit @ 10% of the total contract value within the 10 days after the receipt of LOI by way of DD or FD or 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 GMDC.
- (b) If the successful bidder does not pay Security Deposit or does not fulfill any of the terms & conditions of this e-Tender, Earnest Money Deposit paid by such successful 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 adhere to maintain the terms & conditions of the e-Tender.
- (d) Security Deposit paid will be refunded within 3 months after the completion of the work contract satisfactorily.
- (e) Security Deposit shall not bear any interest.
- (f) GMDC reserves the right to recover the charges or the liquidated damages from the Security Deposit in the following circumstances:
 - (i) If contractor cause any damages or destroy any property belonging to GMDC.
 - (ii) The shortfall amount of all compensations, penalties and other sums of money payable by successful bidder or recoveries to be made under the terms of this contract which is due but not paid by the successful bidder in full etc.

9.0 No Relaxation of Tender Processing Fee/EMD/SD.

No relaxation shall be provided for Tender Processing Fee, EMD and SD etc. Relaxation in terms of submission of EMD shall be given to the bidder who is holding a valid MSME certificate issued under MSME Act, 2006 on date of submission of tender.

10.0 Subletting of the work:

Successful Bidder shall not sublet the work to any other agency but can engage the manpower from their approved list of contractors only.

11.0 Acceptance of LOI:

If the successful bidder does not accept the Letter of Intent within the 10 days issued by GMDC, the EMD paid by him will be forfeited.

The work will be awarded to the technically qualified L1 bidder for individual project location considering based on project wise lower price received for particular project location.

12.0 Penalty:

The Successful Bidders shall be responsible to complete the entire work as specified / described under Location and Description of the site as well as 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.

Brief of penalties are mentioned as below:

1) In case of failure of deployment of manpower required as per the provisions of the tender document by the contractor as per the requirement of this tender document, 3% penalty from monthly bill amount (Monthly RA bill) shall be imposed and deducted from the monthly payment of contractor.

2) In case of continuous absent of any one or more qualified and experienced manpower of the contractor beyond 3 days except holidays applicable at individual project of GMDC, 1% penalty after 3 days from monthly bill amount shall be applicable and deducted from the Monthly RA bill of contractor.

3) In case of absent of all the manpower on any day / days including Sunday, proportional payment of that day shall be deducted from the amount of monthly payment of contractor.

4) If bidder fails to collect the sample as well as submission of weekly and monthly effluent analysis reports within every 10 days after the completion of 7 days period as well as 1 month period, 1% of penalty shall be imposed as well as shall be deducted from the amount of Monthly RA bill of the Contractor. But submission of reports is compulsory even after the said period of 10 days. If bidder has its own NABL accredited laboratory, in that case, monthly report of effluent has to be compulsorily done by another NABL accredited laboratory.

5) In case of not achieving all or any one of water parameters as mentioned in treated effluent in this tender document, 3% penalty shall be deducted from the amount of Monthly RA bill of the contractor. Basis of deduction may be based on analysis by any other NABL laboratory arranged by GMDC or results given by any statutory agency like State Pollution Control Board, CPCB or MOEFCC etc.

6] Periodic Calibration of Online Analyzers shall be the responsibility of ETP O&M contractor but GMDC may cross check the same through the Original Equipment Supplier of these online analyzers to check the deviation, if any. In case of deviation, if observed, 1% penalty shall be deducted from the amount of Monthly RA bill of the contractor.

7] In case, if any equipment, pumps, motors, other structure etc., which can stop the operation of ETP, observed out of working, it must be repaired immediately and not exceeding 2 days but in case of standby equipment, pumps, motors, other structure etc., it must be repaired by successful bidder within 10 days and in case of failure of these conditions, there shall be provision of penalty of 2% from the amount of Monthly RA bill of the contractor.

8] 10% deviation from effluent quantity mentioned in this tender document on monthly basis may be accepted but for deviation beyond 10% in monthly total quantity (@26 days per month), 1% penalty shall be deducted from the amount of Monthly RA bill of the contractor.

9] Installation and commissioning of Water Meters on all the ETPs shall be the responsibility of contractor which should be connected to cloud server and per day data has to be submitted separately to the GMDC representative at project through e-mail also. It should be achieved within 15 days of the commencement of work, in case of failure, 1% penalty shall be deducted from the amount of Monthly RA bill of the contractor.

10] Arrangement to provide data of online analyzers available on ETP's on Cloud Server by providing Server and User ID with Password for online reporting and storage of data on cloud for pH, TSS, Flow Meter, Energy Meter and Water Meter etc. It should be initiated within 15 days after the commencement of O&M of ETP at individual project. In case of not achieving within 15 days, 1% penalty shall be deducted from the amount of Monthly RA bill of contractor.

11] Penalty against nonfulfillment of any other condition not mentioned in all above points of penalties, shall be considered @ 1% of the total amount of Monthly RA bill of contractor.

GMDC shall be entitled to deduct such penalties from RA Bills / Dues / Security Deposit etc. that may become payable to the contractor.

13.0 Acceptance of General Terms & Conditions:

The bidder should unconditionally and compulsorily accept all the terms and conditions of this tender document including the annexure, corrigendum, if any etc by signing & stamping on each page.

14.0 Black Listing of the Bidder:

The Bidder or its directors should not have been black listed by any Government Organization within last 3 years from the date of publication of tender. 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.

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

If the Contractor 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 Contractor.

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

16.0 Jurisdiction:

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

17.0 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.

"All questions, disputes, differences and/or interpretation of tender & subsequent agreement whatsoever, which may at any time arise between the parties to this tender & subsequent 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 Conciliation Act, 1996 and the venue of arbitration proceedings shall be at Ahmedabad. The Language of the Arbitration shall be in English."

18.0 Force Majeure:

- a) Force majeure is herein defined as any cause which is beyond the control of the contractor or the GMDC as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:
 - i) Natural phenomena such as flood, draughts Cyclone, earthquake and epidemics, declaration of war.
 - ii) Acts of any government, including but not limited to war, declared or undeclared priorities, quantities, embargoes, providing either party shall within fifteen (15) days from the occurrence of such a cause notify the other in writing of such cases.
- b) Contractor will advise, in the event of his having resort to this clause by a registered letter duly certified by the statutory authorities, the beginning and end of the cause of delay, within fifteen days of the occurrence and cessation of such Force Majeure condition. In the event of delay lasting over two months, if arising out of Force Majeure, the contract may be terminated at the discretion of the GMDC.
- c) For delay arising out of Force Majeure, contractor will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of force

- Majeure and neither GMDC nor contractor shall be liable to pay extra costs (like increase in rates, remobilization, advance, idle charges for labour and machinery etc.) provided it is mutually established that the Force Majeure conditions did actually exist.
- d) Contractor or the GMDC shall not be liable for delays in performing his obligations resulting from any force majeure cause as referred to and/ or defined above. The date of completion will, subject to hereinafter provided, be extended by a reasonable time given.

Applicability:

1. The parties to the contract affected by force majeure should also indicate in the notice about all possible steps taken to reduce the adverse effect of the force majeure event.
2. If the effect of force majeure is likely to affect the parties of the contract for more than 2 months then contract may be terminated with mutual consent.
3. In case of force majeure condition, GMDC reserves the right to extend the period of the contract suitably and liquidated damages may be reviewed during the force majeure period.

However, in no case, GMDC will pay any compensation towards force majeure period nor any compensation will be paid for idle machinery and manpower.

- 19.0** Contractor will abide by all the all the statutory regulations applicable at the project e.g. Mines Act, Factory Act, Contract Labour Act 1970, Workman Compensation Act 1923 and other related Law & Regulations etc. Contractor shall also indemnify GMDC from any loss/damage occurred arising out of the contract.
- 20.0** Successful Bidder(s) are abide by all the conditions of this e-Tender as well as the terms and conditions mentioned in the tender document published for this work.

STATUS OF BIDDER

Name of the Bidder	
Full Address	
Telephone No.	
Fax No.	
E-Mail Address	
Name & Designation of Authorized person	
Copy of last three years Balance Sheet ended on 31/03/2022.	
Name of bankers with full address and telephone no.	
Bank Account Details with IFSC Code etc. so that EMD can be refund in case of dis-qualification or if remain unsuccessful.	
Details of PAN No. (Please submit copy of Pan Card)	
Details of GST (Please submit copy of GST Certificate)	
Details of MSME, if applicable, (Please submit copy of Valid MSME Certificate)	

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

DETAILS OF RELEVANT WORK CARRIED OUT BY THE BIDDER

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 for above details.

DETAILS OF SKILLED MANPOWER

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 details.

**DETAIL OF EQUIPMENTS FOR MAINTENANCE AS WELL AS WATER SAMPLE
MONITORING AND ANALYSIS AS PER THIS TENDER DOCUMENT**

S. No.	DETAIL OF EQUIPMENTS	QUANTITY	REMARKS

NOTE: COPY OF SUPPORTING OF OWNERSHIP FOR ALL THE ABOVE MUST BE SUBMITTED.

FORM K

**DECLARATION ABOUT THE SITE VISIT
(ON LETTER HEAD OF THE BIDDER)**

Name of Works:

The Work of _____

We _____ hereby certify that we have visited the site in respect of tender No. _____ for the work mentioned above. We have obtained all relevant details, information, data, existing working conditions, existing industrial environment etc. We have also studied the scope of work proposed in the tender and availability of resources etc.

We hereby agree and undertake not to raise any dispute and/or objection at any stage on any ground whatsoever, during the currency of the contract, if awarded to us.

SIGNATURE OF THE BIDDER WITH SEAL

Date

Note: This Annexure should be signed and stamped by GMDC representatives of individual project after completion of site visit.

PRICE BID

Sr. No.	Project	Contract Value considering 24 Hours O&M (excluding GST) for Three Years Period (Rs.)			
		Year 1	Year 2	Year 3	Total Amount (Rs.)
1	Tadkeshwar Lignite Mine.				
2	Amod (G-19 Extn.) Mine.				
3	Surkha (N) Lignite Mine.				
4	Umarsar Lignite Mine.				

- 1] Price to be given in Rs. only.
- 2] L1 Bidder for particular project location shall be considered based on lowest total amount quoted for particular project for 3 years.
- 3] O & M Payment against month wise RA bills of individual mine shall be released from individual mining project only.
- 4] Price bid above should be exclusive of GST which shall be reimbursed additionally as applicable.
- 5] No. of Days in a year for ETP running shall be considered minimum 300 days per Annum.
- 6] GMDC can reduce the shift at any time but with at least 1 month prior intimation to the contractor.

On Bidder's Letter Head

Date:

To,

**General Manager (Environment)
Gujarat Mineral Development Corporation Limited,
"Khanij Bhavan", 132 ft. Ring road,
Nr. University Ground, Vastrapur, Ahmedabad – 380 052**

e-Tender No. – **GMDC/ENV/01./2023**

Subject: Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) and Umarsar Lignite Projects in Gujarat State.

Sir,

I/We are interested in participating in the above e-tender for **Three years Operation & Maintenance Contract of Primary Effluent Treatment Plant on GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) 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 Bidder's Letter Head

FROM:

LETTER NO.:

DATE:

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

Sub. : Tender Processing Fee for **Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) 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 No. _____ Dated _____ Name of the Bank and Branch, _____ for Rs.5900/- [Rupees Five Thousand & Nine Hundred Only] is being the amount of Tender Processing fee.

Kindly, acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

Name / Signature & Stamp

On Bidders Letter Head

FROM:

LETTER NO.:

DATE:

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

Sub. : EMD for Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) 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. No. _____ Dated _____ Name of the Bank and Branch, _____ for Rs.785720/- (Rupees Seven Lakhs Eighty Five Thousands Seven Hundred & Twenty only) through D.D. only being the amount of EMD.

Kindly, acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

Name / Signature & Stamp

DECLARATION

(On letter head of the Bidder)

FROM:

DATE:

To,
The General Manager (Env.),
Gujarat Mineral Development Corporation Ltd.,
"Khanij Bhavan", 132 ft. Ring Road,
University Ground, Vastrapur,
Ahmedabad - 380015

Subject: e-Tender for "Three years Comprehensive Operation & Maintenance Contract of Primary Effluent Treatment Plant at GMDC'S Tadkeshwar, Amod (G-19 Extn.), Surkha (N) 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 within last 3 years from the date of publication of this tender.

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