



Gujarat Mineral Development Corporation Limited

Tender Document For

**MONTHLY ENVIRONMENTAL MONITORING AND ANALYSIS AS PER
GUIDELINES OF GPCB/MOEFCC/CPCB AS WELL AS EC/ CC&A/CGWA
CONDITIONS AT VARIOUS PROJECTS OF GMDC LTD. IN GUJARAT STATE**

e- Tender No. – GMDC/ENV/01/2026-27

**General Manager (Environment)
Gujarat Mineral Development Corporation Limited
(A Govt. Of Gujarat Enterprise)
CIN: L14100GJ1963SGC001206, GST: 24AAACG7987P1ZT
Khanij Bhavan, 132' Ring Road, University Ground
Vastrapur, Ahmedabad- 380 052
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GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
Tender No. - GMDC/ENV/01/2026-27

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| Work Description | : | Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC / CC&A/CGWA conditions at various projects of GMDC Ltd. in Gujarat State for two years period |
| Location of work | : | <ol style="list-style-type: none"> 1. Akrimota Thermal Power Station, village Nani Chher, Tal. Lakhpat, Dist. Kutch 2. Panandhro Lignite Project, village Panandhro, Tal. Lakhpat, Dist. Kutch 3. Umarsar Lignite Project, village Umarsar, Taluka Lakhpat, District Kutch (Gujarat) 4. Bauxite Group of Project (8 Mines), Gadhsisa, Ta. Mandvi, Dist. Kutch 5. Rajparddi Lignite Project, Ta. Jhagadia, District Bharuch 6. Tadkeshwar Lignite Project, Dist. Surat 7. Fluorspar Mines, Kadipani, Ta. Kawant, Dist. Vadodara 8. Fluorspar Plant, Kadipani, Ta. Kawant, Dist. Vadodara 9. Surkha (N) Lignite Project, village Budhel, Ta. Ghogha, Dist. Bhavnagar 10. Bauxite Project (Mevasa Mines), Bhatia-361315, Taluka-Kalyanpur, Dist. Jamnagar 11. Shivrajpur Manganese Project, village Shivrajpur, Ta. Halol, Dist. Panchmahal. 12. Lakhpat & Punrajpur Lignite & Limestone Mine Project, Taluka Lakhpat, Kutch <p>The GMDC reserves the right to reject any or all the bid or split the work between more than one bidder without assigning any reason thereof.</p> |
| Period of contract | : | 2 (Two) Years + 1 Year Extendable on satisfactory work completion of 2 Years |
| Estimated Value (Rs. in Lakhs) | : | 32,90,595/- (Thirty Two Lakh Ninety Thousand Five Hundred Ninety Five Only) |
| Tender Processing Fee (Non-Refundable) | : | Rs. 2500/- + GST (18%) (Rs. 450/-) = Rs. 2950/- (Two Thousand Nine Hundred Fifty only) payable by Demand Draft/Pay Order drawn in favour of "GMDC Ltd." payable at Ahmedabad from the banks approved by Govt. of Gujarat from time to time (except co-operative bank) in the form and manner acceptable to the GMDC. (Annexure B) |
| EMD (Refundable) | : | Rs. 1,80,021/- (Rs. One lakh Eighty Thousand Twenty One Only) in form of <ul style="list-style-type: none"> • DD in favour of GMDC Ltd. payable at Ahmedabad from the banks approved by Govt. of Gujarat from time to time (except co-operative bank) in the form and manner acceptable to the GMDC. (Annexure B) |



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| | | <ul style="list-style-type: none"> Digital Mode, please not if payment is made through digital mode kindly submit the receipt of the same in the attached documents. RTGS details for Payment:- ICICI Bank, Ahmedabad Branch Ahmedabad Account Number: 002405019379 IFSC: ICICI0000024 <p><i>Relaxation in terms of submission of EMD shall be given to the bidder who is holding valid Certificate issued under the MSME Act, 2006 on the date of submission of Tender.</i></p> |
| Security Deposit (From Successful Bidder only) | : | 5 % 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 GMDC. |
| Commencement of Tender | : | From – 1 st May 2026 |
| Last date and time of downloading the tender | : | 21 st May 2026 up to 18:00 Hrs. |
| Last date and time of online submission of bid | : | 21 st May 2026 up to 18:00 Hrs. (Submission of Price Bids in hard copies will not be entertained) |
| Last date & time of submission of tender processing fees, EMD and all necessary supporting documents in hard copy | : | 21 st May 2026 – before 17:00 Hrs at Corporate Office, GMDC, Ahmedabad |
| Date & time for on-line opening and viewing of preliminary bid | : | 22 nd May 2026 – 12:00 Hrs. |
| Date & time for on-line opening of technical bid | : | 22 nd May 2026 – 12:15 Hrs. |
| Date & time for on-line opening of price bid | : | 28 th May 2026 – 12:10 Hrs. |
| 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 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/herself, 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 shall be submitted as per format.
- 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

Details 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 below 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 subscribed as **“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.

MSME bidders will be given exemption from submitting Tender processing fee & EMD on submission of MSME certificate.

Part - II Technical bid (Annexure I to VII)

Technical bid documents i.e. **Annexure I to VII** is 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 certificate/letter of engagement from company, financial position, status of the bidder, list of equipment owned by the bidder, copies of certificates in support of qualification and experience, certificates of accreditation required for Labs Permanent Account Number (PAN), Goods



& Service Tax etc. shall be placed in separate & sealed cover subscribed as **“TECHNICAL BID, Tender No. and Name of work etc.**

Part – III Price-bid (Annexure VIII & IX):

To be submitted **on line only** within the stipulated time in both the Annexure. Submission of online bid in both the Annexure (**Annexure VIII & IX**) is compulsory and the grand total value bid in Annexure VII must be similar with grand total value bid in Annexure IX. L1 bidder shall be determined on the basis of lowest grand total amount received in Annexure IX. If Bidder submits the price bid in any one annexure only and not in the both the Annexure, their bid shall be immediately rejected.

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

General Manager (Environment)
Contact: 9909031790
Gujarat Mineral Development Corporation Limited
“Khanij Bhavan”,
132 ft Ring Road, Nr. University Ground,
Vastrapur, Ahmedabad – 380 052

Price bid will not be opened unless Preliminary & Technical Bids opening procedure has been 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, Contact: 9909031790.

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 are observed 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: 7359021663
E-mail: nprocure@ncode.in

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://gmdctender.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 downloaded 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/her 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/herself 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/her 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 all the mines site as mentioned in the Annexure - IV and its surroundings, carefully examined to satisfy him/her 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

1.0 TERMS AND CONDITIONS:

Gujarat Mineral Development Corporation Ltd. (GMDC), A Government of Gujarat Enterprise, invites bids from reputed financially and having technically sound, experienced and recognized environmental team for the **Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC / CC&A/ CGWA-NOC conditions at various projects in Gujarat State of GMDC Ltd for two years.** Contract period will be two (2) years from the award of this contract for the environmental monitoring and submission of reports. Work of successful bidder, after the award of work order, will be reviewed on annual basis and after getting satisfactory performance during 1st year, work may be continued for 2nd year and successful bidder has to be agreed for the same without any objection. GMDC can also extend the validity of work order for Third year, if successful bidder will agree to continue the work on same rates and terms and conditions etc.

2.0 SCOPE OF WORK:

[A] SCOPE OF SUCCESSFUL BIDDER: To carryout monthly environmental monitoring and analysis of Ambient Air Quality Monitoring (AAQM), Meteorological data collection, Fugitive Dust, Work place dust monitoring, Stack / DG set emission, mine water, untreated and treated sewage, ground/surface water, drinking water, sludge, ash/leachate and Ambient and Work place noise, Illumination level samples, Ground Water Level monitoring etc. as per GPCB, MoEFCC, CGWA and other statutory agencies requirements at projects of GMDC mentioned in **Annexure-VI**. No monitoring shall be carried out when mines /plant is closed. If required, it can be taken only after written consent/ instructions of respective General Manager (Project) on site locations.

- (i) Successful Bidder should make environmental monitoring as per regulatory guidelines especially in the case of Ambient Air Quality Monitoring, which should be as per CPCB/ISI guidelines for **24 hours**. Equipment used by Successful Bidder for Ambient Air Quality Monitoring should be designed as per CPCB/USEPA guidelines. Portable DG set must be used for AAQ monitoring, wherever required and at least one location at each mine site & TPP should be considered as the requirement of portable DG set for ambient air quality monitoring.
- (ii) Successful Bidder should ensure to depute Qualified Staff at least Postgraduate in Environmental Science or M.Sc. Chemistry or equivalent and above, for environmental monitoring at GMDC projects and analysis at Successful bidder laboratory. Persons deputed for environmental monitoring should have at least 3 years similar experience.
- (iii) GMDC's projects are mines & TPP, therefore from safety point of view; Successful bidder should send only good and heavy vehicles suitable for monitoring at mining site like **Tata Sumo, Travera, Innova, Bolero etc with 4- wheel drive. Van/Eco shall not be allowed at any cost.**
- (iv) Successful Bidder shall send necessary Equipment/instruments having valid calibration



certificates, consumables, reagents, etc. required for the job.

- (v) Successful Bidder shall remain in contact with the Officer-In-Charge of Environment at individual Projects, get approval of their visit plan via mail and then shall plan their visits in consultation with them.
- (vi) During tenure of contract, if any parameter is added due to change in regulation or monitoring guidelines by regulatory authority; Successful Bidder has to carry out the analysis free of cost. However, if the number of samples is increased, Successful Bidder will be paid additional per sample charges as indicated in Para under rates by the respective Project. Furthermore, Successful bidder shall be bound to carry out the monitoring as per requirements.
- (vii) Successful Bidder will abide by statutory regulations applicable at the project e.g. Mines Act, Factory Act and other related Law & Regulations etc.

[B] SCOPE OF GMDC:

- i. To approve visit plan and provide guidance regarding all the Monitoring locations and their details.
- ii. To provide required data / information pertaining to GMDC.
- iii. GMDC shall not be responsible to provide lodging/boarding to the Successful bidder team but can be provided on chargeable basis as when and where available.
- iv. Approachable Roads in all season up to monitoring locations.
- v. GMDC reserves the right to reject any or all the tenders or split the work between more than one bidder without assigning any reason thereof and volume of work can also be reduced any time before or during the execution of work.

3.0 QUALIFICATION AND EXPERIENCE CRITERIA:

- a) Successful Bidders must be recognized by Ministry of Environment, Forests & Climate Change (MOEFCC) as well as Gujarat Pollution Control Board (GPCB) and NABL.
- b) Successful Bidder must have minimum 10 years of similar experience till year ended on 31/12/2025 in Stack, Ambient Air / Noise Quality, Water/Effluent Quality Monitoring and Analysis etc.
- c) Successful Bidder should have successfully completed similar works during last 10 years ending 31/12/2025 along with the followings:
 - 1. Three similar works each of only environmental monitoring and analysis costing not less than the amount equal to 40% of the estimated cost
OR
 - 2. Two similar works each of only environmental monitoring and analysis costing not less than the amount equal to 50% of the estimated cost
OR
 - 3. One similar work of only environmental monitoring and analysis costing not less than the amount equal to 80% of the estimated cost.



4. Successful Bidder must have qualified (Post graduate in Environmental Science or M.Sc. Chemistry or equivalent and above) and experienced staff (at least 3 years) in Environmental Monitoring and Analysis.
 5. Successful Bidder must own laboratory having facility as per NABL/GPCB requirements for Stack Emission Monitoring, Ambient Air Monitoring and other parameters along with water/effluent etc. These must be compulsorily available with bidder as well as details with make and model etc. to submit to the tenderer.
- d) Average Turnover of bidder should not be less than Rs. 30,00,000/- (Thirty Lakhs Only) of last three years ending on 31.03.2025.
- e) Bidder net worth should be positive in last 5 years ending on 31.03.2025.

4.0 OUTCOME:

- 1] Project wise Analysis Reports in Hard as well as soft copies in mail; every month shall be sent to respective project office along with their approved visit plan & respective bills for payment with a copy to Head Office.
- 2] Copies of Site visit report duly signed by GMDC representative and Successful Bidder representatives in Hard in support of certifying the actual work.
- 3] Project wise Analysis Reports Summary in excel sheet in soft format shall be mailed to project environment representatives & Corporate Office every quarter.
- 4] The format of submitted analysis Report shall be in line to the requirements of NABL.
- 5] Ambient air quality analysis reports shall also include details of Wind direction, Wind speed, sampling start time and end time without fail.

5.0 DURATION:

The period of contract shall be initially for 2 years from the date of commencement of work of Environmental Monitoring as per the instructions received from GMDC.

GMDC can extend the validity of work order for Third year also, if successful bidder will agree to continue the work on same rates and terms and conditions etc.

6.0 TERMS OF PAYMENT:

Payment will be released on monthly basis from respective site locations after receipt of followings:



1. Respective Monthly running bill to site offices.
2. Original Copies of Analysis Reports – One set hard copy at individual project site and via email to Corporate Office.
3. Hard Copies of Site visit form duly signed by GMDC representative and Successful Bidder representatives along with bill to respective site offices. The payment will be made only after receipt of the bill along with approved visit plan, Analysis reports and Site visit Forms. TDS and other deduction, if any, shall be deducted as applicable. All payments will be made by cheques/RTGS only by respective project offices.

7.0 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 successful bidder upon submission of proof as per prevailing rates & rules to the extent directly related to the services rendered by the successful bidder under the said contract subject to production of documentary proof and successful bidder 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 successful bidder, 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 successful bidder under this contract. This shall be subject to submission of documentary proof clearly mentioning the name of work and respective RA Bill No.

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

8.0 SUBLETTING OF THE WORK:

Successful Bidder shall not sublet the work or any part of it to any other agency.

9.0 TENDER PROCESSING FEE AND EARNEST MONEY DEPOSIT:

- (a) A non-interest bearing DD of TENDER Processing Fee of Rs. 5000/- (Five Thousand only) and additional GST of Rs. 900/- (Nine Hundred only) (18% of tender processing fee), totalling to 5000 + 900 = 5900/- (Rs. Five Thousand Nine Hundred only) and Earnest Money Deposit of Rs. 1,80,021/- (One Lacs Eighty Thousand Twenty One only) shall be submitted along with desired form provided with tender in separate sealed cover super scribed “TENDER Processing Fee / EMD” 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 tenders.



- (b) The EMD will be refunded to the unsuccessful bidders by way of crossed cheque/RTGS within 30 days from the date of determination of L1 bidder.
- (c) Tender Processing Fee is non-refundable and EMD of successful bidder will be refunded after the receipt of Security Deposit.
- (d) If the successful bidder does not accept the LOI / work order issued by G.M.D.C., then EMD amount paid by the bidder will be forfeited.
- (e) EMD will not bear any interest.
- (f) Liquidated damages may be recovered from EMD/SD.

10.0 SECURITY DEPOSIT:

- (a) The successful bidder shall have to deposit Security Deposit @ 5% of the total contract value within 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 fulfil 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/she is not adhering to maintain the terms & conditions of the e-Tender.
- (d) Security Deposit paid by successful bidder will be refunded within 3 months after the satisfactory completion of the contract.
- (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, liquidated damages 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.

11.0 NO RELAXATION OF EMD/SD:

No relaxation will be given for Tender fee and SD. Only relaxation in EMD will be given to MSME agencies on submission of valid proofs.

12.0 ACCEPTANCE OF LOI:

If the successful bidder does not accept the GMDC Letter of Intent within the 10 days, the EMD paid by him/her will be forfeited. The work will be awarded to the technically qualified L1 bidder evaluated based on sum of grand total of cost of all projects.

13.0 LIQUIDATED DAMAGES/PENALTY:

The Successful Bidder 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.

The successful bidder will be required to complete the entire job at the satisfaction of GMDC". In case the successful bidder fails to complete the work in the event at the utmost satisfaction of GMDC, liquidated damages @ 1% of the monthly RA-bill value subject to a maximum of 10% of the total monthly bill payable shall be levied on the successful bidder.

GMDC shall be entitled to deduct such liquidated damages/Penalty from RA Bills / Dues that may become payable to the successful bidder.

14.0 ACCEPTANCE OF GENERAL TERMS & CONDITIONS:

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

15.0 BLACK LISTING OF THE BIDDER:

The Successful 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.

16.0 NON FULLFILMENT OF TERMS & CONDITIONS & TERMINATION OF THE CONTRACT:

1. If the successful bidder fails to carry out the work as per terms and conditions of the contract to the satisfaction of the GMDC, GMDC shall be entitled to forfeit the security deposit paid by the Successful bidder. This however, shall not absolve the bidder from his obligation to fulfil the contract. In such event, the CORPORATION shall have a right to complete and / or to get the work completed at the cost & risk of the Successful bidder & he/she shall be responsible to pay such cost incurred by the GMDC to complete the work and / or to get the work completed.
2. Likewise, if the Successful bidder does not fulfil the terms and conditions of the contract and does not carry out the work up to the entire satisfaction of GMDC, GMDC has the right to forthwith terminate the contract at its sole discretion, without assigning any reason, Under such events, the GMDC shall be entitled to forfeit the security deposit paid by the Successful bidder and GMDC shall have a right to complete the work and / or to get the work completed at the risk and cost of the Successful bidder.
3. For any reasons, if it is required, the GMDC reserves rights 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 and without incurring any responsibility. For such cases, Successful bidder shall have to take away his labour, tools, tackles, machinery, equipment etc. and shall leave the site at once or shall have to carry out the instructions of the GMDC.



17.0 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.

18.0 ARBITRATION:

The parties shall endeavour, in the instance, to resolve any dispute, disagreement or difference arising out of or in connection with this tender and subsequent 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 subsequent amendment thereto. The venue of arbitration proceedings shall be at Ahmedabad. The Language of the Arbitration shall be in English."

19.0 FORCE MAJEURE:

1. Force majeure is herein defined as any cause which is beyond the control of the contractor or the Corporation 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.
2. The Successful bidder will advise, in the event of his/her 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.
3. For delay arising out of Force Majeure, the Successful bidder will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of force Majeure and neither company nor he 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.



If any of the Force Majeure conditions exists in the place of operation of the Successful bidder even at the time of submission of bid he will categorically specify them in his bid and state whether they have been taken into consideration in their quotations.

4. The Successful bidder of 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 though such cause any occur after contractor's performance of his obligations has been delayed for other causes.

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.

20.0 CHANGES IN CONSTITUTION OF ENTITY:

The Successful bidder shall not change its constitution of entity during the currency of the contract without prior approval of GMDC. In case the contractor is desirous to change its constitution during the currency of the contract than upon receipt of the prior approval from the GMDC, the agreement to that effect shall be executed by and between GMDC and Successful bidder so as to protect the interest of the parties.

21.0 Successful Bidder shall abide by all the statutory regulations applicable at the project e.g. Mines Act, Environment Acts, Factory Act and other related Law & Regulations etc.

22.0 Successful Bidder shall 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.

23.0 Foreclosure

In case of any necessity arising due to any unforeseen reason not in the control of the GMDC or of the Successful Bidder, GMDC reserves the right to foreclose the contract awarded to the Successful Bidder and for which the Successful Bidder shall not be entitled to claim any compensation thereof.



Annexure-A

Instruction to Bidders for Online Tendering

1. All Bidders must submit their bid online through the website <https://gmdctender.nprocure.com>
2. Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n) code solutions- a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below at clause 5.
3. All bids should be digitally signed. For details regarding digital signature certificate and related training involved at the below mentioned address should be contacted:

Address:

(n)Procure Cell

(n)Code solutions A division of GNFC

403, GNFC Info-Tower, Bodakdev, Ahmedabad- 380 054 (India)

Tel +91 79- 4000 7300 Fax: +91 79 26857321, Toll Free: 7359021663

E-mail : nprocure@ncode.in

4. Kindly take note that, valid Digital Signature Certificates is a must for all the interested Bidders. Online tendering process is not possible without a valid digital signature certificate.
5. 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.
6. (n) code solutions reserve 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.
7. Bidders who have no facility to participate in on-line tenders are requested to contact (n) code solutions for the same.
8. Free vendor training camp will be organized every Saturday between 4.00 to 5.00 P.M. at (n) code solutions-A Division of GNFC Ltd. at address mentioned above. Bidders are requested to take benefit of the same.
9. 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. In case the Bidders face any difficulty, they may contact the officials of the GMDC or GNFC on the below mentioned details:

a. **GMDC:**

Contact Person: General Manager (Environment)

Contact number: 9909031790

E-mail: gm.env.co@gmdcltd.com, Website: www.gmdcltd.com

b. **GNFC:**

Contact Number: 07926857316/17/18

E-Mail: nprocure@gnfc.net



ANNEXURE B

Annexure I.

Finance Department, GR. No.: FD/MSM/e-file/4/2024/2859/D.M.O.

Date: 01/05/2025

(A) Guarantees issued by the following banks will be accepted as SD/EMD on a permanent basis:

❖ All Nationalized Banks

(B) Guarantees issued by the following Banks will be accepted as SD/EMD for the period up to March 31, 2026. The validity cut-off date in the GR is with respect to the date of issue of Bank Guarantee irrespective of the date of termination of Bank Guarantee.

| Sr No | Name of Banks | Sr No | Name of Banks |
|-------|----------------------------|-------|---|
| 1 | AXIS Bank | 22 | South Indian Bank |
| 2 | AU Small Finance Bank | 23 | Standard Chartered Bank |
| 3 | Bandhan Bank | 24 | Tamilnad Mercantile Bank |
| 4 | Barclays Bank | 25 | Utkarsh Small Finance Bank |
| 5 | City Union Bank | 26 | YES Bank |
| 6 | CSB Bank | 27 | Ahmedabad Mercantile Co-op. Bank |
| 7 | DBS Bank India Limited | 28 | Nutan Nagrik Sahkari Bank Ltd. |
| 8 | DCB Bank | 29 | Rajkot Nagarik Sahakari Bank Ltd. |
| 9 | Equitas Small Finance Bank | 30 | Saraswat Co-Operative Bank Ltd |
| 10 | ESAF Small Finance Bank | 31 | SBPP Co-operative Bank Ltd. |
| 11 | FEDERAL Bank | 32 | SVC Co-Operative Bank Ltd. |
| 12 | HDFC Bank | 33 | The Cosmos Co-op Bank Ltd. |
| 13 | HSBC Bank | 34 | The Gujarat State Co-operative Bank |
| 14 | ICICI Bank | 35 | The Mehsana Urban Co-Op. Bank |
| 15 | IDBI Bank | 36 | The Surat District Co-op Bank |
| 16 | IDFC First Bank | 37 | The Surat People's Co. Op. Bank Ltd |
| 17 | Jammu and Kashmir Bank | 38 | The Kalupur Commercial Co-op. Bank |
| 18 | Jana Small Finance Bank | 39 | The Panchmahal District Co-operative Bank |
| 19 | Karnataka Bank | 40 | The Baroda District Co-operative Bank |
| 20 | Karur Vysya Bank | 41 | Baroda Gujarat Gramin Bank |
| 21 | Kotak Mahindra Bank | 42 | Saurashtra Gramin Bank |

All the eligible banks are instructed to collect the original documents/papers of guarantee from the concerned tendering authority.

(Arvind V.)

**Joint Secretary (Budget)
Finance Department**



BANK DETAILS FOR RTGS

ANNEXURE C

VALID FOR THREE MONTHS ONLY

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

D M Y Y Y

OR ORDER

₹

FOR GUJARAT MINERAL DEVE CORP LTD

Gandhi

PRIVILEGE

ICICI Bank
Ahmedabad Branch
Jmc House, Opp. Parimal Garden, Ahmedabad - 380015
RTGS/NEFT: FSC Code: ICIC000124

AC No: 002405019379

₹

CADUS CBS
BUSINESS BANKING - NEW CURRENT ACCOUNT
Payable at par at all branches of ICICI Bank Limited in India

AUTHORISED SIGNATORIES
Please sign above

SESHASATHI, CTS

28/12/12

491099 3802290020 019379 29



ON BIDDER LETTER HEAD

Dated

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/01/2026-27**

Subject: Tender for Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC/CC&A/CGWA conditions at various projects of GMDC Ltd. in Gujarat State for two (2) years.

Sir,

I/We are interested in participating in the above "Tender for Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB and EC / CC&A conditions at various projects of GMDC Ltd. in Gujarat State" for two years. We shall collect all the information as per regulatory requirement from all GMDC projects along with Environmental Monitoring Reports and Analysis Summary Reports etc. at our own cost.

I/We are certified by MoEFCC, GPCB and NABL.

I/We have adequate experience in the Environmental Monitoring of industries along with collection of data & preparation of report and have adequate infrastructure, equipments, laboratory facilities and funding at our disposal 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. We shall make our own arrangement for the collection of data and information from all GMDC projects and we have understood that during the contract period, GMDC will be only responsible to provide at least one co-coordinator from all GMDC projects for this activity and no other lieu will be paid/ reimbursed by GMDC in any case.

Thanking you.

Yours faithfully,

[Authorized Signatory]

ON BIDDER LETTER HEAD



FROM:

LETTER NO.:

DATE:

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

Sub. : Tender Processing Fee for Tender document no. GMDC/ENV/01/2026-27 for "Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC/CC&A/CGWA conditions at various projects of GMDC Ltd. in Gujarat State" for two (2) years.

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/-** (including GST) [**Rs. Five Thousand Nine Hundred only**] is being the amount of Tender Processing Fee.

Thanking you,

Yours faithfully,

Name / Signature & Stamp



ON BIDDER LETTER HEAD

FROM:

LETTER NO.:

DATE:

To,
General Manager (Environment)
Gujarat Mineral Development Corporation Limited,
“Khanij Bhavan”, 132 ft. Ring road,
Nr. University Ground, Vastrapur, Ahmedabad - 380 052

Sub. : EMD for e-Tender Document No. **GMDC/ENV/01/2026-27** for **“Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC/CC&A/CGWA conditions at various projects of GMDC Ltd. in Gujarat State”** for two years.

Dear Sir,

With reference to above, and as per terms & conditions of e-Tender, we are sending herewith DD No.

_____ Dated _____ Name of the Bank and Branch, .

_____ for **Rs. 1,80,021/- [Rs. One Lakh Eighty**

Thousand Twenty One only] is being the amount of EMD.

Thanking you,

Yours faithfully,

Name / Signature & Stamp



Annexure I

STATUS OF BIDDER
[For GMDC Monthly Environment Monitoring (2 Years)]

| | |
|---|--|
| 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 attach copy) | |
| Details of GST | |
| Detail of GPCB Accreditation | |
| Detail of MOEFCC Authorization / NABET Accreditation | |
| Detail of NABL Accreditation | |

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



Annexure - II

**DETAILS OF ENVIRONMENTAL MONITORING WORK CARRIED OUT BY THE BIDDER
[For GMDC Monthly Environment Monitoring (2 years)]**

| 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
[For GMDC Monthly Environment Monitoring (2 years)]**

| Particulars of skilled manpower deployed on | Qualification and Year | Strength (Nos.) | Experience (Years) |
|--|-------------------------------|------------------------|---------------------------|
| Environment Engineer / Chemist | | | |
| Environment Technician | | | |
| Other Manpower | | | |

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



**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 certified by GMDC representatives of individual project after completion of site visit.



ANNEXURE - VI

Details of ProjectWise Number of Samples (Per Annum):

| Sr. No. | Name of Project | Description of Samples | | | | | | | | | | | | | | |
|---------|---|------------------------|---------------|---------------------------|---------------------|--------|--------|--|--------|----------|----------|---------------|----|----|--------|-------------------------|
| | | AA Q | Fugitive Dust | Work Place Air Monitoring | Illuminati on level | Stac k | DG Set | Mine Water/ ETP inlet & Outlet/RO reject | Sludge | ST P I/L | ST P O/L | Ash Leachat e | GW | DW | Nois e | W o r k pl ac e N ois e |
| 1 | Panandhro Lignite Project, Vill: Panandhro Ta: Lakhpat, Dist: Kutch | 36 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 2 | 12 | 1 | 4 | 1 | 36 | 0 |
| 2 | Akrimota Thermal Powers Station, Vill: Nani Chher, Ta: Lakhpat, Dist: Kutch | 72 | 0 | 12 | 20 | 36 | 0 | 24 | 4 | 2 | 12 | 0 | 12 | 1 | 48 | 12 |
| 3 | Calcined Bauxite Project (08 Mines), Gadhsisa, Dist: Kutch | 288 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 32 | 288 | 0 |
| 4 | Surkha(N) Lignite Project, Ta: Ghogha, Dist: Bhavnagar | 60 | 8 | 0 | 0 | 0 | 4 | 16 | 2 | 0 | 0 | 0 | 24 | 12 | 60 | 0 |
| 5 | Rajpardi Lignite Project, Dist: Bharuch | 36 | 8 | 0 | 0 | 0 | 4 | 2 | 0 | 2 | 12 | 0 | 8 | 1 | 36 | 0 |
| 6 | Tadkeshwar Lignite Project, Dist: Surat | 60 | 0 | 0 | 0 | 0 | 4 | 24 | 2 | 12 | 12 | 0 | 4 | 1 | 60 | 0 |
| 7 | Umarsar Lignite Project, Vill: Umarsar, Ta: Lakhpat, Dist: Kutch | 48 | 8 | 0 | 0 | 0 | 6 | 26 | 0 | 0 | 0 | 1 | 12 | 5 | 48 | 0 |
| 8 | Fluorspar Mines, Kadipani, Ta: Kawant, Dist: Vadodara | 48 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 12 | 1 | 48 | 0 |
| 9 | Fluorospar beneficiation Plant, Kadipani, Ta: Kawant, Dist: Vadodara | 36 | 0 | 4 | 10 | 24 | 4 | 24 | 2 | 0 | 0 | 0 | 0 | 4 | 36 | 10 |
| 10 | Mevasa-I Bauxite Project, Dist: Devbhumi Dwarka | 48 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 48 | 0 |
| 11 | Shivrajpur Manganese Project, Vill: Shivrajpur, Ta: Halol, Dist: Panchmahal | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |



| | | | | | | | | | | | | | | | | |
|--------------|--|-----------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|----------|-----------------|-----------|------------|----------------|
| 12 | Lakhpat Punrajpur Lignite & Limestone Mine, Vill: Lakhpat, Kaner and punrajpur, Ta: Lakhpat, Dist: Kutch | 48 | 36 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 8 | 12 | 48 | 0 |
| Total | | 80 4 | 92 | 16 | 30 | 60 | 24 | 138 | 10 | 18 | 48 | 2 | 10 0 | 84 | 780 | 2 2 |



Annexure VII

Name of the Project and no. of samples to be collected

| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---|--|---|--|----------|--|--|--|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 1 | Gujarat Mineral Dev. Corp. Ltd., Lignite Project, Panandhro - 370601, Tal: Lakhpat, Dist: Kutch | Description for nos. of samples & parameters to be done | AAQ: 03 locations every Month: SPM, Oxides of Sulphur, Oxides of Nitrogen, PM _{2.5} , PM ₁₀ | NA | A] Mine pit water: 01 sample every month pH, Temperature, Color, TDS, TSS, BOD, COD Ammonical Nitrogen, and Phenolic Compound. B] Ash Leachate: 01 sample in a year C] Sewage: 02 samples per annum of Colony STP Inlet & 01 every month samples of STP Outlet: pH, TSS, BOD and Fecal coliform. | A] GW: 02 Piezometers for Pre-monsoon (April-May) and Post Monsoon (November) for: pH, TDS, TSS, Alkalinity, Acidity, Salinity, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Al, Sb, Beryllium, Cl, Co, Mn, Mb, Thallium, Vanadium and Zinc with Ground Water Level Monitoring. B] DW: Once per year as per IS:10500 | 01 sample for 03 locations every month dB(A)In Day and Night (On total Ambient Air Locations) | NA |
| Total nos. of samples, Panandhro | | | 3*12 = 36/Annum | 0 | <ul style="list-style-type: none"> Mine Pit Water: 01*12 = 12/Yr Ash leachate: 01/Yr | <ul style="list-style-type: none"> GW: 2*2 = 04/Annum DW: 01/Annum | 3*12 = 36/Annum | 0 |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|-----------------------------------|---|---|---|--|---|--|--|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| | | | | | <ul style="list-style-type: none"> • STP I/L: = 02/Annum • STP O/L: 01*12 = 12/Annum | | | |
| 2 | Gujarat Mineral Dev. Corp. Ltd., 2X125, Akrimota Thermal Power Project, Village: Nani Chher-370 627, Tal: Lakhpat, Dist: Kutch | Description for nos. of samples & parameters to be done | 01 sample from 6 locations every month: Oxides of Sulphur, Oxides of Nitrogen, CO, PM _{2.5} , PM ₁₀ Location: 04 samples from plant & colony <ul style="list-style-type: none"> • 01 sample from periphery of Narayan sarovar • 01 sample at 8 km distance from site towards Narayan sarovar in downwind direction | 03 stacks every month: SPM, Oxides of Sulphur, Oxides of Nitrogen & CO | A] ETP Inlet & Outlet: 2 Samples of Effluent IL & OL every month/ pH, Temperature, Color (Pt. Co. Scale) in Units, TSS, Oil & Grease, Phosphate, Total Chromium and Zinc. B] Sludge: 02 Samples Sludge generated from Sea Water Treatment Plant TWICE IN A YEAR (May & November) C] Sewage: (pH, BOD, COD, TSS, Free Residual Chlorine <ul style="list-style-type: none"> • 02 samples/ Annum of STP IL • 01 sample/Month of STP OL: | A] GW (Quarterly): 03 locations of Piezometers for pH, TDS, TSS, Alkalinity, Acidity, Salinity, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Al, Sb, Beryllium, Cl, Co, Mn, Mb, Thallium, Vanadium and Zinc with Ground Water Level Monitoring. B] DW: Once per year as per IS:10500 | 04 locations/ Month dB(A)In Day and Night (On total Ambient Air Locations of project only) | 0 |
| Total nos of samples, ATPS | | | <ul style="list-style-type: none"> • AAQ: 6*12 = 72/yr • WP: 6*2 = 12/yr | 03*12 = 36/Yr | <ul style="list-style-type: none"> • ETP inlet & Outlet: 02*12 = 24/yr | <ul style="list-style-type: none"> • GW: 03*04 = 12/yr • DW: 01/yr | <ul style="list-style-type: none"> • Noise: 04*12 = 48/Annum | |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|------------------|---|---|--|--|--|---|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| | | | <ul style="list-style-type: none"> • Illumination: 10*2 = 20/yr | | <ul style="list-style-type: none"> • Sludge: 02*02 = 04/yr • Sewage: STP IL: 01*02 = 02/yr STP OL:01*12 = 12/yr | | <ul style="list-style-type: none"> • WP Noise: 06*02 = 12/yr | |
| 3 | GMDC, Gadhsisa Bauxite Group of Mines (8 Mines) Gadhsisa-370445 Tal: Mandvi | Description for nos. of samples & parameters to be done | 2/4 locations from each mine every Month: SPM, Oxides of Sulphur, Oxides of Nitrogen, PM _{2.5} , PM ₁₀ | NA | NA | DW: 01 sample quarterly from each mine as per IS:10500GW GW/Surface water: GW quality monitoring with GW level monitoring sampling as mentioned below in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) for: pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO ₄ , PO ₄ , Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zn with Ground water level monitoring. | 32/Month dB(A) in Day and Night (On total Ambient Air Locations) | 0 NA |
| | Location: at Site & at nearest habitation | | | | | | | |
| | Fugitive dust (FD) emission monitoring: 02 locations quarterly in non-monsoon months for 04 sites | | | | | | | |
| | | | 02 | 0 | | | | |
| | | | 02 | 0 | | | | |
| Daban- Wamoti | | 02 | 0 | 00 | 02 | 0 | | |
| Roha- Kotda | | 02 | 0 | 00 | 02 | 0 | | |
| Naredi Nandra | | 02 | 0 | 00 | 02 | 0 | | |
| Mothala Balachod | | 02 | 0 | 04 samples at 02 locations = 08 samples/Yr | 02 | 0 | | |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|--|-----------------------|---------------------------------------|---|----------|---|--|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| | Ratadia-Nagrecha | | 04 | | 0 | 04 | 04 | 0 |
| | Naredi - I & II | | 04 | | 0 | 04 samples/yr | 04 | 0 |
| | Wandh- I & II | | 04 | | 0 | 04 samples/yr | 04 | 0 |
| | Goniasar | | 04 | | 0 | 00 | 04 | 0 |
| Total nos. of samples, Gadhsisa | | | AAQ: 24*12 = 288/Yr FD: 02*04*04 = 32/yr | 0 | 0 | DW: 4*8 = 32/Yr GW: = 16/Yr | Noise: 24*12 = 288/Yr | 0 |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---|--|---|---|-------|--|---|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 4 | GMDC, Lignite Project, Surkha (North)-364002 Village: Budhel, Tal: Ghogha, Dist. Bhavnagar | Description for nos. of samples & parameters to be done | <p>AAQ: 05 locations every Month</p> <p>Oxides of Sulphur, Oxides of Nitrogen, PM2.5, PM10</p> <p>Fugitive dust (FD) emission monitoring: 02 locations quarterly in non-monsoon months to be undertaken</p> | NA | <p>Mine pit water: 01 sample every Month</p> <p>pH, Temperature, Color, TDS, TSS, BOD, COD Ammonical Nitrogen, and Phenolic Compound.</p> <p>Sludge: 01 sample SLUDGE generated from ETP for TWICE IN A YEAR (May & November)</p> <p>RO Reject: 02 RO Reject Water twice in a year for following parameters: pH, Temperature, color (Pt. Co. Scale) in units. TDS, TSS, Oil & Grease, Phosphate, Total Chromium and Zinc.</p> | <p>GW: 06 locations quarterly in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) for: pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO4, PO4, Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zn with Ground water level monitoring.</p> <p>DW: 01 Drinking Water sample once in a Month (May AND November) as per IS:10500</p> | Noise: 05/Month dB(A) In Day and Night (Total Sample Should be as given) | 02 samples twice in a year |
| Total no. of samples, Surkha (N) | | | <ul style="list-style-type: none"> • AAQ: 05*12 = 60/yr • FD: 02*04 = 08/yr | 0 | <ul style="list-style-type: none"> • Mine pit water: 01*12 = 12/yr • Sludge: 01*02 = 02/yr • RO Reject: 02*02 = 04/yr | <ul style="list-style-type: none"> • GW: 06*04 = 24/yr • DW: 01*12 = 12/yr | 05*12 = 60/yr | 02*02 = 04/yr |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---------------------------------------|---|---|---|----------|---|--|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 5 | Gujarat Mineral Dev. Corp. Ltd., Lignite Project, <u>Rajpardi</u> -393115, Tal: Jhagadia, Dist. Bharuch | Description for nos. of samples & parameters to be done | AAQ: 03 samples /Month SO ₂ , Oxides of Nitrogen, CO, PM _{2.5} , PM ₁₀ Fugitive Dust Emission: 02 locations quarterly in non-monsoon months to be undertaken | NA | Mine pit water: 02 samples/ Annum (pre monsoon & post monsoon) Parameters: pH, Temperature, Color, TSS, TDS, Oil & Grease, BOD, COD, Phenolic Compound, Sulphide, Ammonical Nitrogen, Chlorides, Sulphate, Cyanide, Fluoride, Insecticides/ Pesticides, Hexavalent Cr, Total Cr, Cu, Ni, Zn, Hg, Pb, As, Cd, total heavy metal, Bio- assay test, SAR, % Sodium Sewage: 2 Sample/ Month (STP Inlet) & 01 sample/Month (STP Outlet) for pH, BOD, COD, TSS & Free Residual Chlorine. | GW sample and GW level monitoring: 02 locations quarterly in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) for: pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO ₄ , PO ₄ , Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zn with Ground water level monitoring. DW: 01 Drinking Water sample for twice in a year (May & November) as per IS:10500 | 03 locations every month dB(A) In Day and Night (On all Ambient Air Quality Monitoring Locations) | 02 DG sets twice in a year Particulate matter, SO ₂ , NO _x (April-September AND October-March) |
| Total no. of samples, Rajpardi | | | <ul style="list-style-type: none"> • AAQ: 03*12 = 36/yr • FD: 02*04 = 08/yr | 0 | <ul style="list-style-type: none"> • Mine Pit Water: 02/yr • Sewage: | <ul style="list-style-type: none"> • GW: 02*04 = 08/yr • DW: 01/Annum | Noise: 03*12 = 36/yr | DG set: 02*02 = 04/yr |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---------|---|---|---|-------|---|---|--|--|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| | | | | | STP I/L: 01*02 = 02/yr STP O/L: 01*12 = 12/yr | | | |
| 6 | Gujarat Mineral Dev. Corp. Ltd., Lignite Project <u>Tadkeshwar</u> - 394170, Tal: Mandvi, Dist. Surat | Description for nos. of samples & parameters to be done | <p>AAQ: 05 locations/Month</p> <p>Oxides of Sulphur, Oxides of Nitrogen, CO, PM_{2.5}, PM₁₀</p> <p>Also twice in a year (May AND November) following parameters must be included: Hg, As, Ni, Cd and Cr</p> | 0 | <p>A] Mine Pit Water: /ETP (I/L & O/L): 02 samples every month</p> <p>pH, Temperature, Color, TSS, TDS, Oil & Grease, BOD, COD, Phenolic Compound, Sulphide, Ammonical Nitrogen, Chloride, Sulphate, Sulphide total & hexavalent chromium.</p> <p>B] Sewage: 02 Sample/ Month (STP Inlet) & 01 sample/Month (STP Outlet) for pH, BOD, COD, TSS & Free Residual Chlorine.</p> <p>C] Sludge: 1 sample SLUDGE generated from ETP for TWICE IN A YEAR (May & November)</p> | <p>GW monitoring and GW level monitoring: 01 locations quarterly in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January)</p> <p>for: pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO₄, PO₄, Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zn with Ground water level monitoring.</p> <p>DW: 01 sample in a year as per IS:10500</p> | <p>Noise: 05 sample/ Month</p> <p>dB(A)In Day and Night</p> | <p>DG Set: 02 DG set sample twice a year</p> <p>Particulate matter, SO₂, NO_x (May AND November)</p> |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|----------------------------------|--------------------------|---------------------------------------|----------------------|-------|--|--|--|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| Total no. of samples, Tadkeshwar | | | • AAQ: 05*12 = 60/yr | 0 | <ul style="list-style-type: none"> • Mine Pit Water/ETP I/L & O/L Water: 02*12 = 24/yr • Sewage: STP I/L = 01*12 = 12/yr STP O/L = 01*12 = 12/yr • Sludge: 01*02 = 02/yr | <ul style="list-style-type: none"> • GW: 01*04 = 04/yr • DW: 01/yr | • Noise: 05*12 = 60/yr | • DG Set: 02*02 = 04/yr |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---------|---|---|--|-------|--|--|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 7 | Gujarat Mineral Dev. Corp. Ltd., <u>Umarsar Lignite Project</u> , village Umarsar, Taluka Lakhpat, District Kutch | Description for nos. of samples & parameters to be done | <p>AAQ: 4 locations /Month Oxides of Sulphur, Oxides of Nitrogen, CO, PM_{2.5}, PM₁₀ Hg, As, Pb and Cd [Twice in a year (April-September AND October-March)]</p> <p>Fugitive Dust Emission Monitoring (FD): Fugitive dust analysis 8 samples in a year of non-monsoon months to be undertaken</p> | 0 | <p>A] Mine Pit water /ETP: 02 locations/Month</p> <p>Parameters: pH, Temperature, Colour, TSS, TDS, Oil & Grease, BOD, COD, Phenolic Compound, Sulphide, Ammonical Nitrogen, Chloride, Sulphate, Sulphide total & hexavalent chromium.</p> <p>B] Ash Leachate: 01/yr</p> <p>C] RO Reject: 01 sample twice a year for following parameters: pH, Temperature, Color (Pt.Co.Scale) in units, TDS, TSS, O&G, Phosphate, Total Chromium and Zinc</p> | <p>GW monitoring and GW level Monitoring: 03 locations quarterly in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January)</p> <p>For - pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO₄, PO₄, Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zinc.</p> <p>DW: 01 sample once in a year and 01 RO treated sample quarterly as per IS:10500</p> | <p>Noise: 04 samples/ Month</p> <p>dB(A) In Day and Night (On all Ambient Air Locations)</p> | <p>01 sample each from 03 D.G.Sets twice in a year</p> <p>Particulate Matter, SO₂, NO_x & Hg Twice in a Year (April-September AND October-March)</p> |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---|---|---|---|-------|---|--|--|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| Total no. of samples, Umarsar | | | <ul style="list-style-type: none"> • AAQ: 04*12 = 48/yr • FD: 02*04 = 08/yr | 0 | <ul style="list-style-type: none"> • Mine pit water: 02*12 = 24/yr • RO reject: 01*02 = 02/yr • Ash leachate: 01*01 = 01/yr | <ul style="list-style-type: none"> • GW: 03*04 = 12/yr • DW: 05/yr | Noise: 04*12 = 48/yr | DG Set: 03*02 = 06/yr |
| 8 | Gujarat Mineral Dev. Corp. Ltd., Fluorspar Project Kadipani Mines -391175 Tal: Kawant, Dist: Vadodara | Description for nos. of samples & parameters to be done | AAQ: 4 locations/Month Oxides of Sulphur, Oxides of Nitrogen, PM2.5, PM10 | 0 | Mine Pit Water: 02 sample every year; pH, Temperature, Color, TSS,TDS, Oil & Grease, BOD, COD, Phenolic Compound, Sulphide, Ammonical Nitrogen, Chloride, Sulphate, Sulphide total & hexavalent chromium. | GW monitoring with ground water level monitoring: 03 locations quarterly in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) – pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO4, PO4, Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zinc. DW: 01 in a year as per IS: 10500 | Noise: 04 locations /Month dB(A)In Day and Night (On Total Ambient Air Locations) | 0 |
| Total no. of samples, Kadipani mines | | | • AAQ: 04*12 = 48/yr | 0 | • Mine Pit Water: 02*01 = 02/yr | <ul style="list-style-type: none"> • GW: 03*04 = 12/yr • DW: 01/yr | Noise: 04*12 = 48/yr | 0 |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---------|--|---|---|---|--|---|---|--|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 9 | Gujarat Mineral Dev. Corp. Ltd., <u>Kadipani Plant - 391175</u> Tal: Kawant, Dist: Vadodara | Description for nos. of samples & parameters to be done | <p>AAQ: 03 locations/Month Oxides of Sulphur, Oxides of Nitrogen, PM_{2.5}, PM₁₀</p> <p>Workplace Monitoring (WP): 02 locations twice a year as per factory Act.</p> <p>Illumination Level: 05 locations twice a year</p> | <p>02 stacks/ Month</p> <p>Particulate matter, SO₂, NO_x</p> | <p>ETP I/L & O/L: 02 sample/Month</p> <p>Parameters: pH, Temperature, Color, TSS, TDS, Oil & Grease, BOD, COD, Phenolic Compound, Sulphide, Ammonical Nitrogen, Fluoride, Chloride, Sulphate, Arsenic, total & hexavalent chromium, Cu, Pb, Cd, Hg, Ni, & Zinc, Free Ammonia, Sodium absorption ration</p> <p>Sludge: 01 sample twice a year</p> | <p>DW: 02 Drinking Water sample in a year (May AND November) as per IS:10500</p> | <p>03 locations/ Month dB(A) In Day and Night (On Total Ambient Air Location)</p> <p>Workplace (WP) Noise Monitoring: 05 locations twice a year</p> | <p>02 DG sets twice a Year</p> <p>Particulate Matter, SO₂, NO_x & Hg Twice in a Year (May AND November)</p> |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---|--|---|--|----------------------|---|---|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| Total no. of samples, Kadipani Plant | | | <ul style="list-style-type: none"> • AAQ: 03*12 = 36/yr • WP: 02*02 = 04/yr • Illumination level: 05*02 = 10/yr | Stack: 02*12 = 24/yr | <ul style="list-style-type: none"> • ETP I/L & O/L: 02*12 = 24/yr • Sludge: 01*02 = 02/yr | • DW: 02*02 = 04/yr | Noise: 03*12 = 36/yr WP Noise: 05*02 = 10/yr | DG Set: 02*02 = 04/yr |
| 10 | Gujarat Mineral Dev. Corp. Ltd., Bauxite Project, (Mevasa Mines) Bhatia-361315 , Tal: Kalyanpur, Dist.: Jamnagar | Description for nos. of samples & parameters to be done | AAQ: 04 locations/Month Oxides of Sulphur, Oxides of Nitrogen, PM _{2.5} , PM ₁₀ | 0 | Mine Pit Water: 01 sample quarterly pH, Temperature Color, TSS, TDS, Oil & Grease, S, Phosphates, COD, BOD | DW: 01 sample/Month as per IS:10500 | 04 locations /Month dB(A)In Day and Night (On all Ambient Air Locations) | 0 |
| Total no. of samples, Mevasa | | | AAQ: 04*12 = 48/yr | 0 | Mine Pit Water: 01*04 = 04/yr | DW: 01*12 = 12/yr | Noise: 04*12 = 48/yr | 0 |
| 11 | Shivrajpur Manganese Project, village Shivrajpur, Ta. Halol, Dist. Panchmahal | Description for nos. of samples & parameters to be done | AAQ: 2 locations/ Month Oxides of Sulphur, Oxides of Nitrogen, PM _{2.5} , PM ₁₀ | 0 | 0 | DW: 1 Drinking Water sample for twice in a year (May AND November) as per IS:10500 | Noise: 02 locations/ Month dB(A)In Day and Night (On all Ambient Air Locations) | 0 |
| Total no. of samples, Shivrajpur | | | AAQ: 02*12 = 24/yr | 0 | 0 | DW: 01*02 = 02/yr | Noise: 02*12 = 24/yr | 0 |



| Sr. No. | Location Project Name | Frequency and locations of Air Sample | | | Frequency and locations of Water Sample | | Frequency and locations of Ambient Noise Sample | Frequency and locations of D. G. Set sample |
|---|---|---|---|-------|---|--|---|---|
| | | | AAQ | Stack | Effluent / ETP inlet/ETP Outlet/Sewage/RO reject/ Sludge / Fly Ash leachate | Ground / Surface/Drinking Water | Noise | D. G. Set |
| 12 | Lakhpat & Punrajpur Lignite & Limestone Project, Ta: Lakhpat, Dist: Kutch | Description for nos. of samples & parameters to be done | AAQ: 04 locations every month Oxides of Sulphur, Oxides of Nitrogen, PM _{2.5} , PM ₁₀ Fugitive Dust Emission monitoring (FD): 03 locations every month | | Mine Pit Water: 01 sample quarterly | GW monitoring with ground water level monitoring: 02 locations in a year Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) – pH, TDS, TSS, Alkalinity, Acidity, Total Hardness, Ca, Mg, Cl, F, Nitrate, SO ₄ , PO ₄ , Fe, As, Pb, Ba, Cd, Cr, Hg, Ni, Se, Be, Co, Mn and Zinc. DW: 01 sample/Month | Noise: 04 locations/Month | 01 DG sets twice a Year Particulate Matter, SO ₂ , NO _x & Hg Twice in a Year (May AND November) |
| Total no. of samples, Lakhpat & Punjpurpur Project | | | <ul style="list-style-type: none"> • AAQ: 04*12 = 48/yr • FD: 03*12 = 36/yr | 0 | <ul style="list-style-type: none"> • Mine pit water: 01*04 = 04/yr | DW: 01*12 = 12/yr GW: 02*04 = 08/yr | Noise: 04*12 = 48/yr | D.G.Stack: 01*2 = 02/yr |



Annexure: VIII

PARAMETER WISE ANNUAL RATES (Excluding Taxes): PRICE BID

| Sr. No. | Particulars | No. of monitoring sample per year [Nos.] | Rate per sample (June 2026 to May 2027) [Rs.] | Total Charges (June 2026 to May 2027) [Rs.] | Rate per sample (June 2027 to May 2028) [Rs.] | Total Charges (June 2027 to May 2028) [Rs.] | Total Charges June 2026 to May 2028) [Rs.] |
|--------------|--|--|---|---|---|---|--|
| 1 | AMBIENT AIR QUALITY | 804 | | | | | |
| 2 | FUGITIVE DUST EMISSION | 92 | | | | | |
| 3 | STACK EMISSION | 60 | | | | | |
| 4 | D. G. SET | 24 | | | | | |
| 5 | MINE PIT WATER/ETP I/L & ETP O/L/RO Reject | 138 | | | | | |
| 6 | STP INLET | 18 | | | | | |
| 7 | STP OUTLET | 48 | | | | | |
| 8 | GROUND WATER/SURFACE WATER | 104 | | | | | |
| 9 | DRINKING WATER | 84 | | | | | |
| 10 | WORKPLACE AIR MONITORING | 16 | | | | | |
| 11 | WORKPLACE NOISE MONITORING | 22 | | | | | |
| 12 | AMBIENT NOISE | 780 | | | | | |
| 13 | ETP SLUDGE | 10 | | | | | |
| 14 | ILLUMINATION LEVEL | 30 | | | | | |
| 15 | ASH/LECHATE | 2 | | | | | |
| TOTAL | | | | | | | |



Annexure - IX

PRICE BID

Annual Environmental Monitoring of various projects of GMDC in Gujarat State For 2 years

| Sr. No. | Description | Total Contract Value for 1 st year | Total Contract Value for 2 nd year | Grand Total Contract Value for the period of Two (2) years |
|--------------|---|---|---|--|
| 1 | Akrimota Thermal Power Station, village Nani Chher, Tal. Lakhpat, Dist. Kutch | | | |
| 2 | Panandhro Lignite Project, village Panandhro, Tal. Lakhpat, Dist. Kutch | | | |
| 3 | Umarsar Lignite Project, village Umarsar, Ta. Lakhpat, Dist. Kutch | | | |
| 4 | Calcined Bauxite Project (8 Mines), Gadhsisa, Dist. Kutch | | | |
| 5 | Rajpardi Lignite Project, District Bharuch | | | |
| 6 | Tadkeshwar Lignite Project, Dist. Surat | | | |
| 7 | Surkha (N) Lignite Project, Bhavnagar | | | |
| 8 | Bauxite Project, Mevasa, Dist. Jamnagar | | | |
| 9 | Fluorspar Mines, Kadipani, Ta. Kawant, Dist. Vadodara | | | |
| 10 | Fluorspar Plant, Kadipani, Ta. Kawant, Dist. Vadodara | | | |
| 11 | Shivrajpur Manganese Project, Village Shivrajpur, Ta. Halol, Dist. Panchmahal. | | | |
| 12 | Lakhpat Punrajpur Lignite & Limestone Mine, Vill: Lakhpat, Punrajpur, Kaner, Ta: Lakhpat, Dist: Kutch | | | |
| TOTAL | | | | |

Note:

- 1] Price to be given in Rs. only.
- 2] L1 Bidder shall be considered based on lowest price on the sum of total cost of all the projects for two years i.e. 1st and 2nd year.
- 3] Price should be exclusive of GST which shall be reimbursed additional as applicable.
- 4] All applicable taxes and duties etc. will be reimbursed after submitting documentary proof of its submission to regulatory body. TDS will be deducted from monthly bill as per prescribed rule.



DECLARATION

(On letter head of the Bidder)

FROM:

DATE:

To,
General Manager (Environment)
Gujarat Mineral Development Corporation Limited,
“Khanij Bhavan”, 7th floor, “A” wing”, 132 ft. Ring road,
Nr. University Ground, Vastrapur, Ahmedabad – 380 052

Subject: Tender for Monthly Environmental Monitoring and Analysis as per guidelines of GPCB/MoEFCC/CPCB as well as EC/CC&A conditions at various projects of GMDC Ltd. in Gujarat State for two years.

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 Bidder