

GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Khanij Bhavan, 132 feet Ring Road, Near University Ground, Vastrapur, Ahmedabad – 380 052)

PHONE: 2791 35 01 / 2791 32 00 FAX: (079) – 2791 14 54 2791 18 22

Tender No	GMDC/PD/ATPS/ABT meter/07/17-18
Subject:	E-tender is invited for Supply, Erection, Commissioning and testing of 02 nos new ABT meters at 220KV Switchyard, ATPS

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E-TENDER NOTICE

Sr. No.	Description	Details	
1	Scope of the work	E-tender is invited for Supply, Erection, Commissioning and testing of 02 nos new ABT meters at 220KV Switchyard, ATPS	
2	Location	Akrimota Thermal Power Station, Vill -Nani Chher, Tal-Lakhpat, Dist-Kutch	
3	Tender Fee (The tender fee is non-refundable.)	Rs.1500/-(Rupees.One thousand & five hundred only) Tender fee must be paid either in Cash or DD/ Pay Order at GMDC Ahmedabad Office.	
4	Earnest Money	Rs.30, 000/- (Rs. thirty thousand Only) in the form of Demand Draft of any Nationalized Bank or AXIS, IDBI, HDFC, and ICIC Bank in favor of GMDC Limited payable at Ahmedabad only.	
5	Security Deposit	5% of the contract value in form of DD/BG of any nationalized bank or of AXIS, IDBI, HDFC, and ICICI Bank will have to be paid on acceptance of the tender within fifteen (15) days of the issue of order.	
6	Time of Completion of work.	45 Days from the date of Work order	
7	Last date & time for submission of TENDER	August 21, 2017	Before 18: 00 Hrs.
8	Last date for submission of Tender fee, EMD and for other documents in person/ post	August 21, 2017	Before 18: 00 Hrs.
9	Verification of submitted documents (EMD, tender fee etc)	August 22, 2017	Before 12: 00 Hrs.
10	Opening of technical bids at GMDC HO, Ahmadabad.	August 22, 2017	Before 12: 00 Hrs.
11	Refund of Security Deposit	After 01 month of successful completion of work.	

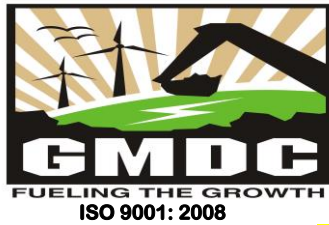
The Corporation reserves the right to reject any or all the Bids without assigning any reasons thereof.

GENERAL MANAGER (POWER)

Gujarat Mineral Development Corporation Ltd.(A Govt. of Gujarat Enterprise)
 "Kanij Bhavan", 132 Ft. Ring road, Nr. Manav Mandir, University Ground, Vastrapur,
 Ahmedabad-380 052 Ph: 079 27913200/3502/1662/1665 Fax no: 079 27911822/2791 1520
 E-mail: power@gmdcltd.com, Visit our web site: www.gmdcltd.com and
<https://gmdc.nprocure.com>

SUBMISSION OF TENDER:

Tenderer shall submit their offer in electronic format on <https://gmdc.nprocure.com> after



Digitally Signing the same. Supporting documents for **Technical bid along with Tender fee & EMD can be accepted in physical form, however technical bid as well as price bid is to be submitted in electronic form only. As per E-tendering process.** Offer of price bid in physical form will not be accepted and any such offer if received by GMDC will be out rightly rejected.

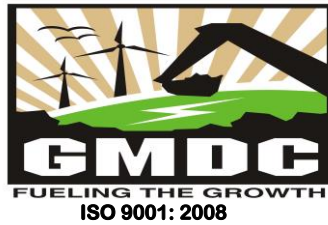
Interested bidders can view these tender documents online but bidders who are interested in bidding in this, bidders can download tender documents from <https://gmdc.nprocure.com>. Tender Documents are only available in Electronic Form. The bidder should submit all the forms electronically only. Bidders who wish to participate in this tender will have to register on <https://gmdc.nprocure.com>. Further bidders who wish to participate in online tenders will have to procure Digital Certificate as per information technology Act 2000 using which they can sign their electronic bids. Bidder can procure the same from (n) code solutions—a division of GNFC Ltd, who are licensed Certifying Authority by Govt. of India and they will assist them in procuring the same at below mentioned address. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.

In case, bidder needs any clarification or if training required for participating in on line tender, they can contact following office:

(n) Code Solutions-A Division of GNFC Ltd,

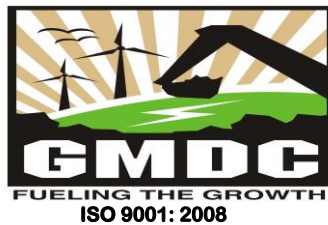
(n)procure cell 301, 3rdfloor, GNFC Info tower, Sarkhej – Gandhinager Highway,
Bodakdev, Ahmedabad – 380054.

Toll Free: 1-800-233-1-1-Ext: 501,512,516,517, E mail :-nprocure@gnfc.net



INSTRUCTIONS TO THE TENDERER
(To be read & studied before quoting the Tender)

1. All bid documents shall be signed by the authorized person/representative of the bidders.
2. Any changes, notifications, amendments etc related to these tender documents will be issued only on <https://gmdc.nprocure.com> and such shall prevail.
3. The bidder shall bear all costs associated with the preparation and the submission of the bid. Whether or not, the bid is accepted or even if GMDC withdraws the bid invitation, the bidder shall not be entitled to claim any costs, charges, etc in connection with the bid.
4. It is the bidder's obligation to conform to the scope of the work and work to the best of the efforts to complete the work as per the expected schedule provided by them.
5. GMDC reserves the right to reject any or all of the bids or accept any of the bids in part or full
6. The bid shall be evaluated only for the bidders who meet the eligibility criteria.
7. If required the bidders may visit at office along with the tender copy, to study the project before submitting the offer.
8. No escalation in price / rate will be allowed on any ground, extension in time limit may be granted with an explicit understanding that no price escalation will be paid.
9. Tenders will be opened in Two Bid system, i.e. Technical or Prequalification Bid and Price Bid. First the Technical or Prequalification Bid will be opened on-line on the date of opening of the tender. The Corporation will scrutinize the same and the Price Bids will be opened only of those bidders, who qualify themselves in Technical/ Prequalification Bid.
10. The bidders are required to submit the DD of EMD as per tender notice. It should be noted that if the demand draft of EMD is not submitted, the tender will not be considered for scrutiny and will be summarily rejected.
11. The Bidders will have to submit 'NO DEMAND CERTIFICATE' along with the final bill of the work, as per the Proforma given in this document.
12. Successful bidders will have to enter in to the agreement with the Corporation on an appropriate stamp paper of Rs. 100/- (to be provided by the contractor) after accepting the Letter of Intent and having agreed to and accepted the terms and conditions of the tender.
13. No page from the tender documents shall be defaced or detached. Also no correction in the tender documents shall be made by the bidder. Any comments which the bidders desires to make, shall not be placed on the tender documents, but shall take the form of a separate statement, as brief as possible, and giving reference to pages and clauses of the tender documents.
14. Tender documents consist of:
 - 1) General Terms and Condition.
 - 2) Special Terms & Condition, Instructions to Bidders.
 - 3) Price Bid.
 - 4) Technical Bid.

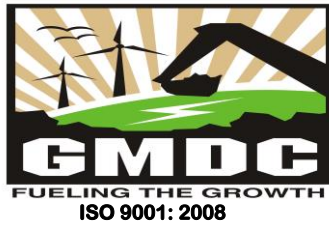


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|------------------|--|
| 5) Annexure—A— | Bid Qualifying criteria. |
| 6) Annexure—B – | Scope of Work. |
| 7) Annexure—C – | Technical Specifications and requirements. |
| 8) Annexure—D – | Declaration—1. |
| 9) Annexure—E – | Declaration—2. |
| 10) Annexure—f – | Articles of Agreement. |
| 11) Annexure—G – | Indemnity Bond. |
| 12) Annexure—H – | Draft Bank Guarantee for Security Deposit. |
| 13) Annexure—I – | Vendor Registration Form. |
| 14) Annexure—J – | Performa for EMD. |
| 15) Annexure—K – | Solvency Certificate. –if applicable then only |
| 16) Annexure—L – | Draft Bank Guarantee for Advance payment. |

Note: - These are to be complied by the tenderers, in case their tender is accepted.

Submission of tender will be the conclusive evidence that the tenderer has fully satisfied himself as to the nature and scope of the work to be done, site conditions, and all other factors affecting the performance of the contract and the price and also as to the terms and conditions of the contract.

15. Wherever the tenderer find any discrepancy, omission, ambiguity or conflict in or among the documents forwarded or be in doubt as to their meaning and interpretation; such matter should be called to the attention of the GMDC not later than 7 days period to the date of submission of tender. On receipt of such quarries the GMDC/consulting engineers will issue a clarifying bulletin which will also form a part of the contract. Neither the GMDC nor the Engineer-In-Charge/consulting engineer will be responsible for any oral instructions. The rates should be written both in figures and in words. In case of any difference between rates in figures and words, the rates in words will prevail.
16. Tenderers must disclose the names of their partners, if any, in the particular contract. Any tenderer failing to do so will render himself liable to have his earnest money deposit forfeited and the contract, if entered into, cancelled at any time during its currency.
17. If it is found that two or more persons who are connected with one another either financially or as principal and agent or master and servant have tendered under different names for the same contract without disclosing their connections, then such tenders will be rejected and the earnest money deposit shall be forfeited. Any contract entered into under such conditions is also liable to be canceled.
18. In case the tenderer is a joint stock company, the contract must be affixed with the seal of the company in the presence of witnesses and signed by two Directors or by persons duly authorized to sign the contract for the company under a power of attorney. The tenderer shall produce a certified copy of such power of attorney at the time of making the agreement.
19. The tenderer must fill in all blank spaces in the form of tender and sign in long hand as and where shown and scan the same. Only the principal authorized to make the contract, should



- sign the tender, and execute the contract on behalf of the tenderer.
20. The tenderer must be very careful to deliver a bonafied tender. Such a tender must propose any other condition than those laid down in this Document.
 21. Any tender who proposes alterations to any of the conditions lay down, or which proposes any other conditions of any description whatever is liable to be rejected.
 22. Incomplete tenders are liable to be rejected.
 23. If rates of current taxes, Sales tax/ duties, sales tax, service tax, VAT etc undergo any revision during contractual completion date, the same shall be allowed as statutory variation. However if any variation take place after contractual date of completion, the same shall not be allowed, even if delayed are accepted by bidder.
 24. No statutory variation shall be admitted, if current taxes, Sales tax/ duties, sales tax, service tax, VAT etc become payable because of exceeding the prescribed limit for turnover of the tenderers after the date of offer.
 25. Date of start shall be reckoned within 20 days from date of issue of work order.
 26. Other terms and conditions of the tender shall be read and considered as a part of the tender documents.
 27. The rates/prices quoted by the bidders will be final and any sort of escalation will not be considered.
 28. Clarifications/queries if any by the bidder should convey by Fax/ E-Mail well in advance before 7 days of due date as mentioned in Tender Notice at the following addresses (power@gmdcltd.com) in a Cover, super scribing the name of work and due date.

*GENERAL MANAGER (POWER),
GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.,
"KHANIJ BHAVAN", 132 FT. RING ROAD,
UNIVERSITY GROUND, AHMEDABAD -380 052.*

Signature & Stamp of the Tenderer

Name: _____

Address: _____



General Terms and Condition

1.0 GENERAL

Wherever the term GMDC is used herein it shall mean Gujarat Mineral Development Corporation Ltd. Where the term Tenderer, BIDDER is used, it shall mean the person or organization responding to GMDC's request for quotation herein contained and shall include his legal representatives, successors and assignees.

2.0 ACKNOWLEDGEMENT OF NOTICE INVITING TENDER AND CLARIFICATION:

- In case of any clarification on Tender, the BIDDER shall approach GMDC in writing by fax, email or by letter and GMDC will provide the information required in writing. However, failure to receive any addendum or clarification shall not relieve the BIDDER of any of the obligations stipulated in the Tender. Any amendments made to TENDER shall be intimated to the bidder by E-mail or post/fax.
- The BIDDER will acquaint himself with the conditions / limitations and official regulations under which or conforming to which the services are to be performed and should carefully examine all the information as may be furnished to them in writing from time to time. Failure to comply with above requirement will not relieve the BIDDER of his obligations in the event of his BID being accepted. Unless otherwise specifically stated in the BID, it will be assumed that all terms and conditions of TENDER are accepted by the BIDDER without any reservations.

3.0 Submission of BIDS

- Bidder should submit price bid as well as Technical bid in electronically only. However Technical bid supporting Document can be submitted physically along with Tender Fee and EMD.
- The BIDS should be in English.

4 Technical BID

4.1 *The BIDDER shall submit following details in the Technical Bid:*

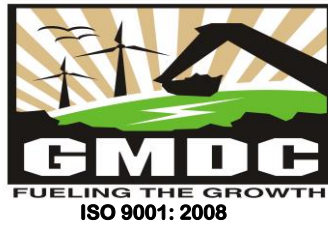
The technical bid should contain the following,

- Scope of work which shall confirm to the details mentioned above under the title "Scope of work"
- List of exclusions/deviations and reasons thereof as per the format provided
- Documents to demonstrate the eligibility of the bidder as per the criteria listed under "Eligibility"
- Time schedule – Bidder shall provide the time schedule detailing out the implementation of each of the activities.
- Any other information required for the evaluation of the bid

4.2 Tender Fees

As mentioned in Tender Notice Sr. No- 3

Note: - *Tender Fee is non refundable.*



4.3 Earnest Money Deposit

As mentioned in Tender Notice Sr. No- 4

Note: - Offer received without EMD will not be considered for evaluation. (Any relaxation on submission of EMD and tender fee for SSI or any other is not allowed in this tender)

5.0 PRICE BID

Tenderer shall submit their offer in electronic format shown on website as per clause no- Part II offer in physical format will not be accepted and any such offer if received by GMDC will be outrightly rejected / not consider for evaluation.

5.1 TENDER with Annexure and all attachments will be considered to be read, understood and accepted by the BIDDER unless specifically stated by them otherwise in writing.

6.0 BID OPENING

6.1 BIDS will be opened in 3 stages

Stage I—Verification of Tender Fee, EMD and technical documents

Stage II—Technical Bid (Electronically)

Stage III—Price Bid (Electronically only)

6.2 The technical BIDS (Stage-I) will be opened on date fixed by GMDC.

6.3 The price BID shall be opened after the corresponding technical BIDS are scrutinized and possible clarifications obtained from all BIDDERS for bringing all of them acceptable technically and at par commercially. Price Bid will be opened only of those bidders who qualify in technical bid.

6.4 Validity of BIDS

All BIDS should be kept valid for acceptance for **120 days** from the closing date of bid submission. Bid with lower validity will be rejected.

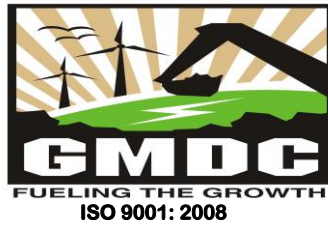
7.0 INFORMATION REQUIRED IN THE BID

BIDS should include the following information.

7.1.1 Technical BID (Part I)

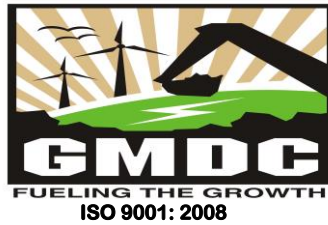
7.1.1.1 Scope of Work which shall conform to Technical Bid with details.

7.1.1.2 Certificate that the technical BID is in total conformity with TENDER and if not the list of exclusion/deviations & reasons thereof. All Deviations shall be listed at one place under "Schedule of Deviations" as per format given in Annexure C and shall comprise as under: Should the BIDDER consider that compliance with any requirements of the Specification would render the SCHEME unsuitable, he shall submit a proposal or proposals for modifying the requirements and shall include these in the "Schedule of Deviations" from the specification. Deviation mentioned elsewhere/in any other form will not be considered.



8.0 Following are the essential requirements for the bid, failing of which, the BID shall be rejected:

1. BIDDER shall submit the time schedule for completion of the project.
2. The work shall be carried out in best workmanship manner as per the technical specifications. Qualified and experienced engineer shall carry out the electrical work under his control.
3. The work shall have to be completed within the time limit, failing which, GMDC will impose penalty as clause.
4. All testing equipments, tools, tackles and workmen required for carrying out the job shall be arranged by the contractor.
5. All safety precautions with necessary action shall be taken by the contractor for his work force working at site and transportation. GMDC in any way shall not be responsible for any compensation arising out of any damage caused to any of contractor during the work and transportation.
6. Any damage done to the property of GMDC by the contractor or his men while carrying out the work shall be made good by the contractor at his own cost.
7. If the contractor abandons the work or does not work as per schedule, GMDC shall get the work completed by any other agency at the risk and cost of the original contractor.
8. The validity of the offer for the work shall be 120 (One hundred twenty) days from the date of opening of Bid.
9. The tender received without Earnest money will be summarily rejected. The Earnest Money Deposit will be refunded to the unsuccessful tenderers after an award has been finalized. The Earnest Money Deposit (E-Tender Guarantee) will be forfeited in the event, the successful tenderer fails to accept the contract and fails to submit the "Security Deposit" to the GMDC as stipulated in this e -Tender documents within ten(10) days after receipt of notice of award of contract.
10. This job being directly related to immediate use after the installation, completion time is essence of the contract. Penalty will be levied for delay in completion of work. The amount of penalty will be as per rule.
11. The conditional offer will liable to be rejected.
12. The successful tenderer shall have to pay the security deposit at the rate of 5% of contract value in favor of "Gujarat Mineral Development Corporation Ltd-Ahmedabad " in form of DD of any Nationalized Bank or ICICI, IDBI, AXIS, HDFC Bank valid for the contract period and enter into an agreement on stamp paper of Rs.100/- as per prevailing norms under labor contract. It shall be incumbent on the Contractor to pay the stamp duty and the legal charges for the preparation of the contract agreement.
13. The rates shall be firm throughout the period of contract inclusive of supply of material, labor, loading, unloading at site and workshop. No price escalation will be given.
14. As per rules, TDS will be deducted from the bills.



9.0 BID PREPARATION AND SUBMISSION EXPENDITURE

The BIDDER shall bear all costs associated with the preparation and submission of the BID including any visits to the site. Whether or not the BID is accepted or even if GMDC withdraws the BID invitation, the BIDDER shall not be entitled to claim any cost, charges, expenses etc, in connection with the submission of the BID.

10.0 SIGNING OF BIDS

10.1 The BIDS shall be signed by legally authorized principal officer of the BIDDER.

10.2 On the BID being accepted by the GMDC, Letter of Intent will be issued by GMDC. to the technical qualified bidder quoting lowest price bid demanding security deposit. After receipt of security deposit, The GMDC will also issue detailed work order indicating detailed terms and condition of the work after receipt of security deposit after which BIDDER has to commence the job..

11.0 GMDC’S RIGHTS

GMDC will exercise unrestricted right to reject any or all the BIDS or accept any of the BIDS in full or part.

12.0 BID EVALUATION

BID shall be evaluated only for prequalified bidders. The pre-qualification criteria shall be as follows.

- Scope of work which shall conform to the details mentioned above under the title “Scope of work”
- List of exclusions/deviations and reasons thereof as per the format provided
- Documents to demonstrate the eligibility of the bidder as per the criteria listed under “Eligibility”
- Time schedule – Bidder shall provide the time schedule detailing out the implementation of each of the activities.
- Any other information required for the evaluation of the bid

For required discussion, in such case bidder has to visit GMDC at his own cost.

13.0 TECHNICAL BID EVALUTION CRITERIA

The evaluation of the technical proposal shall be based upon its responsiveness to the scope of work, eligibility and time schedule.

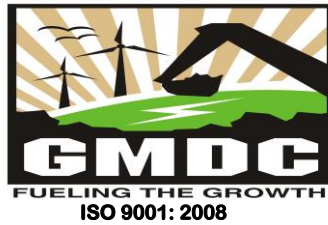
14.0 The Commercial BID shall be evaluated on the following basis:

The Bidder whose evaluated cost to GMDC is lowest, will qualify for the award of LOI by GMDC subject to other conditions as evaluated by GMDC on completeness as acceptable to GMDC.

15.0 GMDC reserves right to split work in to 2 (two) or more parts to speed up the work at L-1 Rates

Signature & Stamp of the Tenderer

Name & Address: _____



Special Terms & Condition, Instructions to Bidders

- **Experience of the Bidder**

A comprehensive list of past projects implemented, by the bidder indicating clients, dates, size of projects and any other relevant material should be included in the offer.

- **Time Schedule**

The bidder should complete the work in 45 Days (Date of site clearance is to be considered as a start date of work order). And contract period will be for 45 Days.

- **Payment Terms**

The bidder shall receive the payment under the work order as follows. Within 30 days from the receipt date of receipt of bill after completion of milestones.

The breakup of the payment shall be as follows,

Sr	Activity	Payment structure
1	20% advance payment on submission of bank guarantee of equal amount valid for two months	20 %
2	80% payment will released on satisfactory completion of work and 72 hours trail run.	80%

RA Bill

- RA bill /final bill will be submitted by contractor at the office of the General Manager Power, Ahmedabad in 3 Copies.

- Variation in taxes, work contract taxes, duties, levies etc after award of job but within Time schedule mentioned in TENDER shall be to the account of GMDC. Any variation in taxes, work contract taxes, duties, levies etc beyond Time schedule shall be to BIDDER's account.

- **Penalty.**

For any delay in completion of WORK solely attributable to BIDDER beyond the agreed time schedule at the time of award of job, penalty shall be levied at the rate of 0.5 % per week with cap of 10% of order value.

- **ASSIGNMENT**

BIDDER shall not assign the WORK or any part thereof or any share or interest therein without the prior written consent of the GMDC. BIDDER shall not sub-contract the whole or any part of WORK without the prior written consent of GMDC. On concurrence of GMDC, BIDDER may sub-contract any part of WORK to any of its affiliates, in which event BIDDER shall remain fully responsible



LEGAL JURISDICTION AND ARBITRATION

- a. The matter relating to any differences arising out of this agreement shall be subject to the exclusive jurisdiction of Ahmedabad only.
- b. All questions, disputes, differences whatsoever which may at any time arise between the parties to this contract in connection with the contract or any matter arising out of or in relation thereto, shall be referred to arbitration as per the provision of Arbitration and Conciliation Act, 1996 and the venue of the arbitration proceedings shall be at Ahmedabad only.

FORCE MAJEURE

- (a) 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.
- (c) For delay arising out of Force Majeure, the 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 company nor the 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.
- (b) The 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 Corporation.
- (d) If any of the Force Majeure conditions exists in the place of operation of the contractor 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



- (e) The contractor or the Corporation 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 may occur after contractor's performance of his obligations has been delayed for other causes.

COMPLETION OF WORK

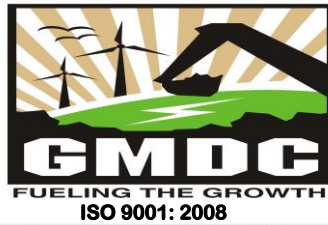
When the Contractor fulfills all its obligations under the contract to the satisfaction of General Manager (P)/Head of the department (**as applicable**) and subject to terms and conditions of the Contractors, it shall be eligible to apply for completion certificate. The General Manager (P)/Head of the department (**as applicable**) shall formally issue completion certificate after verifying from the completion documents and satisfying himself that the work has been completed in accordance with all the provisions of this contract and instructions issued to the contractor by the GMDC and (**concerned authorities**) from time to time. The contractor after obtaining the completion certificate is eligible to present the final bill for the works executed by him/ it under the contract.

Within completion of the work in all respects as defined in the tender document, the contractor shall be required to obtain from the General Manager (P)/Head of the department (**as applicable**) such completion certificates as to the (clearing of the areas on the downhill side of site of all rubbish dirt, rock overburden materials, structures etc..)(**may be modified as per the scope/requirement**)

- i. If the contractor fail to comply with the requirement of this clause on or before the date fixed for the completion of the work the General Manager (P)/Head of the department (**as applicable**) may at the expenses of the contractor carry out such work and the contractor shall forth with pay the amount of all such expenses so incurred and shall have no claim in respect of any such work.

- ii. For purpose of this clause the following documents are required by the GMDC subject to the conditions that General Manager (P)/Head of the department (**as applicable**) for his satisfaction.

- (a) Certificate of the satisfactory completion of the work as per the terms and conditions of the tender/agreement.



- (b) A Certificate to the effect that no outstanding claim / payments are due to the persons employed by the contractor or his sub contractor if permitted by GMDC including the Statutory payments, which have fallen due.
- (c) “No claim/demand” and “No dues” certificates.
- (d) Proof of depositing P.F. and other applicable statutory dues from time to time.

Immediately on completion of the work, the contractor shall submit his final bill indicating the gross and net amount payable. On receipt of this, the GMDC shall verify the same, determining the total value of the work done of the contract and after adjusting all the sums already paid to him/ it and / due to the company on any account and such further sums as the GMDC is already authorized or required to reserve or retain as per the terms of the contract or otherwise make over to the contract as his / its final payment.

CONSTITUTION OF THE COMPANY / FIRM / PROPRIETARY CONCERN (AS APPLICABLE)

The Contractor shall not change the constitution of the company // firm / proprietary concern (as applicable) during the currency of the contract except same is necessary due to statutory provisions or permitted by GMDC..

Other clauses like scope of work, SD, advance payment, payment of RA bills etc. may be incorporated as per the actual requirement with respect to the nature of contract/work. However the special attentions required with respect to SD, the same should be issued by the Nationalised banks and banks approved by Govt. of Gujarat from time to time only (except co-operative banks).

In case of statutory variation in taxes, duties etc.. the following clause may be incorporated:

“Any statutory increase / decrease in duties, taxes, cess etc and / or introduction of any new duties, taxes, cess, other levies etc., after the last date of submission of tender till scheduled date of completion of work shall be to GMDC’s account subject to submission of documentary proof of having remitted / adjusted the same and to the extent directly related to the services rendered by the contractor.

In case of delay beyond scheduled date of completion of work, any statutory increase in duties, cess etc. and / or introduction / levy of any duty, tax, cess after scheduled date of completion of work shall be in the contractor’s account and reduction in such duties, taxes, cess and levy shall be passed on to GMDC’s Accounts and the order value shall be reduced accordingly.”



CONTRACTOR TO ABIDE BY FOLLOWING TAX LAWS:

(a) **General Taxes:** The Contractor shall be responsible for and shall pay out of his own, moneys, all taxes, dues, fees, cesses, octroi and charges payable to Central or State Governments or dues payable on material purchased by him or constructional plant provided by him for the works, and on all materials brought by him on the site and used for the works and shall indemnify the purchaser against any liability on account of any such taxes, dues, fees, cess, octroi and charges.

(b) **Income-Tax:** The Contractor and his employees shall bear and pay all Income-Taxes, corporate and personnel, super tax or any other Indian tax as may be payable by him on the amounts payable to him under the contract. If for any reason whatsoever the purchaser is called upon to pay in respect of the Contractor's or his employees income, any income-tax, supertax, or any tax under Income-tax Act or any tax under any other law in force in India, then the Contractor shall be bound and liable to reimburse and pay to the Purchaser the amount of such tax so paid by the purchaser and the Contractor shall further agree that the Purchaser will also be entitled to recover and reimburse to himself the amount of such tax out of the fees, remuneration or any other sum payable by him to the Contractor under the Contract.

(c) **Taxes in respect of Workmen:**

The Contractor shall provide and maintain workmen's compensation insurance coverage to provide compensation benefits in the event of injury of employees in the course of work under the contract. Liability under the Workmen's Compensation Act:

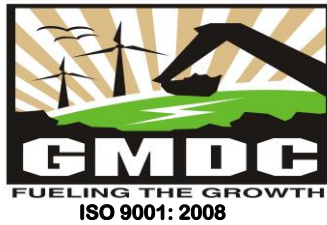
(I) The Contractor shall at all times identify the Purchaser against any claims which may be made under the Workmen's Compensation Act, 1923 or any statutory modification thereof or otherwise for or in respect of any damages or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the Contractor or not.

(II) Liability under the employee's State Insurance Act 1948: Where the Contract is in connection with the Purchaser's work office coming under the purview of the Employee's State Insurance Act, 1948, the Contractor shall make necessary deduction from the monthly emoluments of his staff employed on the Contract at the prescribed rate and remit the aggregate amount monthly to the Purchaser together with the Employer's (Contractor's) contribution as required under the Act and together with the standard form duly filled in as required under the Act.

(III) Liability under the Employees Provident Fund Act, 1951: Where the contract is in connection with the purchaser's works office coming under purview of the employees provident Fund Act, 1951, the Contractor shall make necessary deduction from the monthly emoluments of his staff employed on the Contract at the prescribed rate and remit the aggregate amount monthly to the purchaser together with the Employer's (Contractor's) Contribution as required under the Act, and together with the standard forms duly filled in required under the Act.

(D) You will abide by the provision of labour laws, contract labour regulations and Abolition act (contract Act-37 of 1970) pertaining to the employment of the labour and shall get yourself register with regional provident fund commissioner and inform the corporation about the registration number by submitting the copy of the number allotted to you by RPFCL. You have to submit the copy of labour license from the competent authority for the subject work

Signature & Stamp of bidder



NON FULFILMENT OF TERMS & CONDITION AND TERMINATION OF THE CONTRACT.

- a. If the Contractor fails to carry out the work as per terms and conditions of the contract to the satisfaction of the CORPORATION, CORPORATION shall be entitled to forfeit the security deposit paid by the Contractor. This however, shall not absolve the Contractor from his obligation to fulfill 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 Contractor and the Contractor shall be responsible to pay such cost incurred by the CORPORATION to complete the work and / or to get the work completed.
- b. Likewise, if the Contractor does not fulfill the terms and conditions of the contract and does not carry out the work up to the entire satisfaction of CORPORATION, CORPORATION has the right to forthwith terminate the contract at its sole discretion, without assigning any reason, Under such events, the CORPORATION shall be entitled to forfeit the security deposit paid by the Contractor and the CORPORATION shall have a right to complete the work and / or to get the work completed at the risk and cost of the Contractor.
- c. For any reasons, if it is required, the CORPORATION 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, Contractor 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 CORPORATION.

SUB-CONTRACT

The Contractor shall not assign or sub-contract any portion of this work without the prior written consent of Corporation.



GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Khanij Bhavan, 132 feet Ring Road, Near University Ground, Vastrapur, Ahmedabad – 380 052)

PRICE BID

Tender No	GMDC/PD/ATPS/ABT meter/07/17-18
Subject:	E-tender is invited for Supply, Erection, Commissioning and testing of 02 nos new ABT meters at 220KV Switchyard, ATPS

PHONE: 2791 35 01 / 2791 32 00 FAX: (079) – 2791 14 54 2791 18 22
GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Khanij Bhavan, 132 feet Ring Road, Near University Ground, Vastrapur, Ahmedabad – 380 052)



ISO 9001: 2008

Price Bid

Item no.	Description	Qty.	Unit	Unit Rate	Total Amount
1	Supply, Erection, Commissioning and testing of new ABT meters including all labour, manpower, require tools & tackles, materials, cable, data cable, all related software, hardware, travel cost, site visit, lodging, boarding etc All inclusive complete with all taxes but excluding service tax on labor part only.) Supply, Installation, Erection , Testing, Commissioning, at switchyard and Data Connectivity With 72 hour trail run. - Qty 2.	02	Nos		
1	Supply cost	(A)			
	Applicable Taxes	(B)			
	Cost with Tax (a+b) Excluding Service Tax.				
2	Installation Cost inclusive of Taxes.				
Total Cost (Supply + Installation)					



FUELING THE GROWTH
ISO 9001: 2008

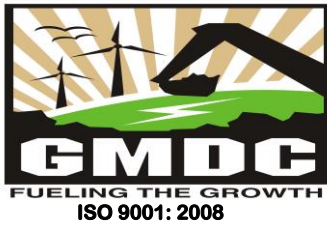
Deviation Sheet

Clause in which deviation is requested	Deviation	Reason for deviation

Signature & Stamp of the Tenderer

Name: _____

Address: _____



DECLARATION SHEET

.....
Bidder's Name

I... certify that all the above typed-in data and information pertaining to this specification is correct and is true representation of the equipment covered by our formal Proposal dated..... I hereby certify that I am duly authorized representative of the Bidder whose name appears above my signature.

Bidder's Name :

Authorised Representative's
Signature and Stamp :

G M D G



GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Khanij Bhavan, 132 feet Ring Road, Near University Ground, Vastrapur, Ahmedabad – 380 052)

TECHNICAL BID

Tender No	GMDC/PD/ATPS/ABT meter/07/17-18
Subject:	E-tender is invited for Supply, Erection, Commissioning and testing of 02 nos new ABT meters at 220KV Switchyard, ATPS

PHONE: 2791 35 01 / 2791 32 00 FAX: (079) – 2791 14 54 2791 18 22

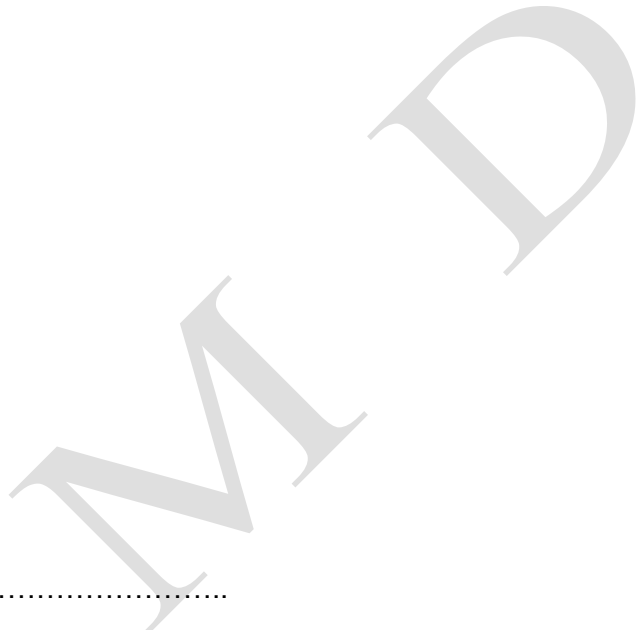
GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Khanij Bhavan, 132 feet Ring Road, Near University Ground, Vastrapur, Ahmedabad – 380 052)



PROPOSAL PARTICULARS

- Bidder's Name : :
- Bidder's Complete Address : :
- Bidder's Complete Company Name : :
- Bidder's Proposal Number : :
- Bidder's Proposal Date : :
- Bidder's Proposal Validity Period : :
- Bidder's Phone number : :
- Bidder's E-Mail : :
- EMD Detail : :
- Tender Fee Detail : :



Bidder's Name:

Bidder's Signature:





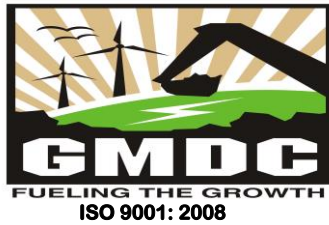
Technical Deviation Sheet

Clause in which deviation is requested	Deviation	Reason for deviation

Signature & Stamp of the Tenderer

Name: _____

Address: _____



TECHNICAL DECLARATION SHEET

.....
Bidder's Name

I... certify that all the above typed-in data and information pertaining to this specification is correct and is true representation of the equipment covered by our formal Proposal dated. I hereby certify that I am duly authorized representative of the Bidder whose name appears above my signature.

Bidder's Name :

Authorised Representative's
Signature and Stamp :

G M D G

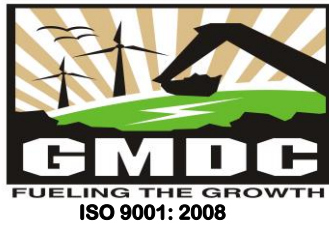


Annexure—A

Bid Qualification Criteria

- 1.** Direct company or authorized vendor should participate in the bid
- 2.** Bidder should have experience in similar type of work that is supply installation testing and commissioning of ABT meter
- 3.** Bidder should submit the past work order
- 4.** Bidder should provide 05 years system warrantee
- 5.** Bidder should synchronize supplied meter with existing meter
- 6.** For the subject work if any kind of permission/ approval is required from any government bodies then same will be in scope of bidder.

G M D G



Annexure—B

Scope of Works

,Supply, Erection, Commissioning and testing of new ABT meters at 220KV Switchyard, ATPS

- **Required quantity: 02Nos**
- **Details specification of existing ABT meters are as below:**

3phase,4Wire, 50 Hz, Class 0.2s,160Imp/MWH/MVArh,Type-R3MO21-234.Emf-4 for 2000/1A, CT ratio: 500/1A, PT ration: 220KV/110V, Make: Secure, Sr.No-APM03988 in two rack panels with TTB facility.

- **Details specification of actual require ABT meters :**

At present six meters in service for three Transmission lines, hence we have commissioned one more 220KV Transmission lines. **Two nos new meter for new commissioned line and 06nos meters for replacement of existing meters.** Require new 02Meters should be available with as below feature so in future we can connect EMS (Energy Monitoring System)

TECHNICAL SPECIFICATIONS FOR 0.2s ACCURACY CLASS AC STATIC TRIVECTOR ENERGY METERS, SUITABLE FOR INTER UTILITY METERING AND AVAILABILITY BASED TARIFF APPLICATION

1. Specification shall cover with high precision tri vector microprocessor based integrated package 3-phase 4-wire HT Application, 1 Amp or 5 Amp Secondary metering system with 0.2s accuracy class (for Active and Reactive energy) The metering system can be used to for energy audit / Load survey and metering for frequency linked ABT tariff as well as applicable to HT/LT consumers tariff purpose.

The meter is specifically designed for application of combination of two very different tariffs simultaneously in the same meter. i.e the system will be capable of measuring recording, and storing all required billing/ history / tamper / load survey parameters in Import / Export mode.

2. ABT Meters shall full fill all requirements of Indian Standard with latest version or amendments of clause. Supplier should be approved under PGVCL , GETCO vendor list.

Supply System

System Variation: ABT Metering system will be suitable for working with following supply system variations as per relevant clause of IEC 62053-22: Solid neutral grounded H.V. and E.H.V. 3 phase 4 wire, 50 Hz. system with CTPT (auxiliary transformers) connected.

Primary Voltage shall 220KV

Secondary voltages: 110/_/3 Volts (Phase to neutral); 110V (Phase to Phase),

(a) Primary current: 5 Amps. to 1000 amps. (With standard CT primary ratings),

(b) Secondary current: 5 Amp. or 1 Amp,

In 3 Phase 4 Wire meters 3 nos. 6 wire CT's will be connected to measure balanced and unbalanced loads from installation charging (i.e. no. load) to 200% of declared Ib at all power factors

SYSTEM VARIATIONS:



The electrical quantities required to be measured with a fine degree of precision [The actual supply wave of related voltages and currents would be sampled out at the rate of minimum 3000 samples per second and would provide integrated values of each actual voltage and current cycle monitor, display & store in non volatile memory of high precision static, demand & energy Trivector meters of 0.2s class accuracy for energy audit, load survey and tariff metering purpose at the installation of HT consumers, conforming to latest IEC62053, CBIP Report-88 & IS:14697 and operated through auxiliary transformers, (Conventional version of 3 phases, 4 wire Trivector Meter). The offered meters are suitable for working satisfactorily and accurately within the specified limits of error under the following conditions of voltage, frequency, current and temperature

(a) Electrical Quantities: (i) Voltage:

<u>1</u>	Phase to phase (with star connection but neutral either solidly grounded or floated)	110 Volts +10% -30%
<u>2</u>	Phase to neutral (star point having neutral point either solidly grounded or floated)	$110/\sqrt{3}$ Volts +20% -30%.

ii) Currents: 1 or 5A normal (In) and 0.01 in to 1.5 in working

iii) Frequency: 50 Hz \pm 5%

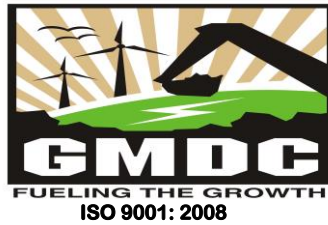
(b) Range of Temperature variations:

Sr No	Particulars	Specified requirements
1	Locations	At various HT connections in the state of Gujarat
2	Max. ambient air temperature	55 Deg C
3	Max. ambient air temperature in closed box	60 to 65 Deg C
4	Minimum air temperature	6 Deg C
5	Average daily ambient temperature	30 to 35 Deg C
6	Max. relative humidity	95%
7	Max. altitude above mean sea level	1000 meters
8	Average annual rain fall	700 to 900 mm
9	Max. wind pressure	200 kg/Sq.mm

MARKING OF METER:

The marking on every meter will be in accordance with IS 14697/ IEC62053-22. The basic marking on the meter name plate will be as follows:

- i) Manufacturer's name and trade mark
- ii) Type Designation
- iii) BIS mark – (ISI mark)
- iv) Number of phases and wires
- v) Serial number
- vi) Month & year of manufacture
- vii) Reference voltage/ PT ratio
- viii) Rated secondary current of CT (-/1 or -/5 A)
- ix) Principal unit(s) of measurement
- x) Meter constant (impulse/kWh)



- xi) Class index of meter
- xii) Property of.....GMDC Ltd, Akrimota Thermal Power Station

Sampling rate and basic measurement quantities:

We have noted that the electrical quantities are required to be measured with a fine degree of precision (through solid state micro processor, same would have minimum sampling rates of 3000 samples per second for accurate measurement of contents of relevant current and voltage waves) monitor, display and store in non-volatile memory of high precision static demand and energy of 0.2s class accuracy for energy audit, load survey and tariff metering purposes at the installation, conforming to I.E.C-687/ CBIP Report-88 and IS- 14697 and operated through auxiliary metering transformers, (conventional version of 3 phase 4 wire Tri vector meter. We have noted that these meters are required to function accurately within the specified limits of errors under the following conditions of voltage, frequency, current and temperature.

The meter will have internal Real Time Clock with the back up of a Lithium maintenance free battery of minimum shelf life of Ten (10) years for operation of the time clock. The Real Time Clock will be based on Quartz crystal timer to make it independent of line frequency variations.

6. QUANTITIES TO BE MEASURED, MONITORED AND MEMORISED:

(A) The meters will be capable of measuring and storing in the memory, and displaying following electrical quantities on summator controller (in case of multiple meter) within specified limits of error for poly phase supplies (i.e. 3- phase, 4 wire system with star point (neutral) solidly grounded or floated) of 3 phase Delta or Star connected load having a floating or a grounded Star point with balanced or unbalanced loads at all power factors. The apparent demand & energy is derive from active energy cosine part recording arrangement) & reactive energy (sine part lagging power factor recording arrangement) trough vector summation of active energy and only lagging reactive energy transwars for 15 min integration period and billing period.

The meter is capable of measure/ store 4 TOD time zones for prespecified periods of the day and the meter's memory capacity shall be 35 Days for 15 Min IP

(B) Memory of the meter:

The meter will keep following quantities recorded for each 15 Min successive integration block and memorized in its Non Volatile memory chip, so that in event of failure/damage of the meter the last reading of billing quantities would not be lost.

1. Cumulative Total Active energy Import .
2. Cumulative Total Active energy Export
3. Avarage system frequency
4. Cumulative KVARH lag while KWh import.
5. Cumulative KVARH lead while KWh import
6. Cumulative KVARH lag while KWh export.
7. Cumulative KVARH lead while KWh export.

(C) General measurement requirements:

- ❖ The meters will be suitable for being connected directly through its terminal block. The metering system will draw functional power through AC auxiliary power supply their by avoiding burden to the metering. In event of failure of auxiliary supply, it will automatically change over to VT supply.



- ❖ Meters will be suitable for working under balanced / unbalanced loads at all power factor i.e. Zero lag-Unity-Zero lead. The display will indicate direct values without having to apply any multiplying factor.
- ❖ The meter will compute the average frequency of the previous 15 minute block in Hz.
- ❖ The meter will count the number of cycles in VT output during each successive 15 minute block and divide the same by 900 (when supply voltages are present) to arrive at the average frequency
- ❖ The meter will also compute the reactive power on 3-phase, 4-wire principle, with an accuracy as per relevant standards, and integrate the reactive energy algebraically into two separate registers, one for the period for which the average RMS voltage is greater than 103%, and the other for the period for which the average RMS voltage is below 97.0%. When lagging reactive power is being sent out from substations bus bars, reactive registers will move forward. When reactive power flow is in the reverse direction, reactive registers will move backwards. The reactive energy will also be stored in four different registers of meter memory as Reactive import while active import, Reactive import while active export, Reactive export while active import, Reactive export while active export. Cumulative energy registers of the same shall be made available on display and on BCS
- ❖ The meter will also store the apparent energy (Import/ Export) and cumulative energy registers of the same will be made available on display as well as on BCS. All apparent energy and demand specified under this specs are computed from total active energy and reactive lag energy separately from Import and Export mode.
- ❖ The meters will be compatible with ABT as well as TOD tariff. For TOD 4 time zone can be configured.
- ❖ The meters will be able to measure and display parameters like instantaneous phase wise voltages, instantaneous line currents and instantaneous average three phase power factor, average frequency and time.
- ❖ Each meter will have a test output device (visual) for checking the accuracy of active energy measurement. Further, it will be possible to switch over the same test output device to reactive energy via suitable means.
- ❖ The display will be of dot matrix format Alpha numeric LCD type with back-lit and key pad type. Display will be individual/ common for all the meters housed in a rack and necessary means will be provided for moving forward/ backward from one display to the other.
- ❖ The metering system will normally operate with the power drawn through the auxiliary power supply. An automatic backup for continued operation of the meter's calendar-clock, and for retaining all data stored in its memory, will be provided through a long life battery, which will be capable of supplying the required power for at least two years. The meters will be supplied duly fitted with the batteries, which will not require to be changed for at least ten years, as long as total VT supply interruption does not exceed two years.
- ❖ The design enables the auxiliary supply to be switched automatically between the AC and DC voltage, depending upon which is available. Typically auxiliary voltages available are 110V AC and 110 / 220V DC to power up the unit. The system will continue to work even if any one of the above (AC/DC) is present. In Secure make Apex ABT meter no data loss occurred during supply off condition. Further supply failure events shall also logged in meter. In Apex meter there is no supply change over for AC/DC aux. and CT/PT supply.

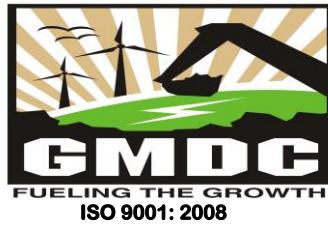


- ❖ Each meter will have a built in calendar and clock, having an accuracy of 1 minute per month or better. The calendar and clock will be correctly set at the manufacturer's works. Clock adjustment will be possible at site using MRI.
- ❖ The meters will safely withstand the usual fluctuations arising during faults etc. In particular, VT secondary voltage 115% of rated voltage applied continuously and 190% of rated voltage applied for 3.0 seconds, and 30 times of rated applied for 0.5 seconds will not cause any damage to or mal-operation of the meters. The immunity to external magnetic field will be strictly as per latest CBIP recommendations. However for reactive power and reactive energy measurement, limits of errors for both active as well as reactive energy in all the four quadrants will be in accordance to IEC 62053-22. 360 degrees.
- ❖ The meters will continue to function, as specified above, in case of failure of one or two phase of PT supply. In case of a complete VT supply failure, the computation of average frequency (as per clause 5.0) will be done only for the period during which the VT supply was available in the 15 minute block.

DIASPLAY

The display of metering system would be dot matrix alpha numeric LCD display with 4 lines of each 20 characters with back-lit. The display would read in a temperature range of -20°C to $+55^{\circ}\text{C}$. The data recorded by the meters would be continuously stored on EEPROM, thus being able to retain the data in case of power failure without the aid of batteries. Each of the physical quantity shall remain on display screen for 7 sec. Following quantity shall be displayed continuously in a specific cyclic order with a gap of 2-3 min.

1. LCD segment check
2. Instantaneous per phase Voltages (R,Y,B)
3. Instantaneous per phase Current (R,Y,B)
4. Instantaneous Line frequency
5. Phase Sequence of voltages
6. Instantaneous Total Active Power KW (Import/ export)
7. Instantaneous power factor
8. Real Time
9. Date
10. Raising demand in KVA – Export/ Import with elapsed time
11. Cumulative (24 Hrs) Total active energy import
12. Cumulative (24 Hrs Total active energy export
13. Cumulative (24 Hrs reactive energy lag while active import
14. Cumulative (24 Hrs reactive energy lead while active import
15. Cumulative (24 Hrs reactive energy lag while active export
16. Cumulative (24 Hrs reactive energy lead while active export
17. Cumulative (24 Hrs apparent energy while active import
18. Cumulative (24 Hrs apparent energy while active export
19. TOD (time of day) KWh Export – Peak , Rest , Night
20. TOD KVarh (lag while KWh export) – Peak, Night, Day – On BCS
21. Present KVA Maximum demand import / Export – 24 Hrs
22. Last month KVA Maximum demand import / Export – 24 Hrs (between last two resets)
23. Maximum demand Apparent export for current month (TOD wise)
24. No of MD reset Count
25. Last 15 minutes block average frequency



26. Last 15 minutes block average of the Kwh energy import
- 27 Last 15 minutes block average of the Kwh energy import
28. Last 15 Minutes block average of the Kwh energy export > 103% Vn
29. Cumulative Reactive energy for voltage low condition (i.e When RMS voltage <97% Vn)

30. Tamper data Information -
31. Present anomaly status
32. Date of first occurrence of anomaly
33. Time of first occurrence of anomaly
35. Total anomaly count
36. Cumulative Fundamental KWh –Export – on BCS
37. Cumulative Total KWh –Import –
38. Cumulative Fundamental KWh –Export – on BCS
39. Covered in 19.
40. Cumulative KVAh – Import/ export – Peak, Night , Rest – on BCS
41. TOD History-1 KVA MD Import/ export (last billing period) Peak, Night , Rest
42. TOD Current KVA MD Import/ export (current billing period) Peak, Night , Rest
43. Meter CT/ PT ratio
44. Total Power ON hrs.
45. Meter Constant i.e pulse/ KWh & KVArh
46. High resolution displays – High resolution for Active and Reactive Energy will be available through MRI under Calib function, for testing purpose.

A key pad is provided on the meter front for switching the display and for changing from one indication to the next.

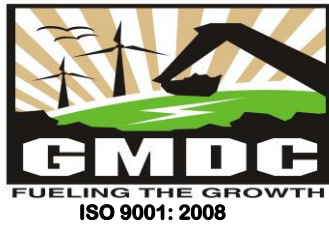
Communication instruction storing capability:

The metering system will have multiple communication ports for local reading and remote communication facility.

Each meter has an optical Galvanically isolated communication port compatible to RS232 on its front for tapping all the data stored in its memory. Meter reading instrument (MRI) will be provided for this purpose, as per the requirement so as to serve as interface between the meters specified above and the PC loaded with Base Computer Software. The offered metering system will be compatible to GSM network remote data transfer to a central location. Following parameters can be change after due authentication and protected password

1. Change in integration period
2. Change in automatic MD reset date and time
3. Modification in TOD timing

Additionally, the metering system will provide a communication port compatible to RS-232 port for online data transfer to a central location (optional). This port will be capable of data transfer to a main computer on real time basis using suitable communication network (VSAT/ Leased line/ OFC) via compatible hardware (interfacing equipment/ communication cables etc. as required).



Maximum Demand registration:

The meter monitors the demand during each integration period and set the register value, the raising demand under the current IP will be displayed with elapsed time. The integration period can be adjusted to 15 Min. to suit tariff requirements. The IP can be changed to 30/60 Min. which can be set through proper authentication system using MRI
Note- We have noted the content of this clause.

Maximum Demand reset:

The metering system has three options to set the MD

1. The MD will be reset automatically on a pre defined date and time
2. Through Authenticated MRI system
3. We are providing manual MD reset facility with adequate sealing arrangement.

Energy audit and Load survey capabilities:

Each meter will have a non-volatile memory in which the parameters following will be automatically stored for each successive 15 minute block these parameters will be available for last 35 days. The load survey data will be available in the form of bar charts as well as in spreadsheets after down loading the data in to our analysis software (being supplied along with the material) . The BCS will have the facility to give complete time synchronized load survey data both in numeric and graphic form. Following parameters will be stored in the NVM. Further it is difficult to categories time taken to read different parameters set though you may have reading of full load survey within 22-27 min. via GSM & MRI operation. This will include all meter reading though practically it may differ.

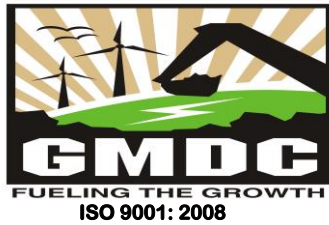
1. Fixed parameter

- a. Meter make and sr. no.
- b. Prevailing integration period
- c. Automatic resetting date and time
- d. Meter constant i.e no of P/O per unit OR o of unit /pulse.

2. Variable parameters / information

- (a) Active energy: Total (Fundamental plus Harmonics) Kwh/Mwh Export and Import. (For last and current billing period)
- (b) Reactive energy: KVARh / MVARh lagging and leading with respect to import and export of energy. i.e. Reactive Lag while active import, Reactive lead while active import, reactive lag while active export and reactive lead while active export. (for last and current billing period
- (C) Apparent energy KVAh /MVAh Import or export derived vectorically from lagging reactive and Total Active energy (I) for last billing period & II for current billing period

- Active energy import
- Active energy export
- Average frequency
- Average load active import



- Average load active export
- Average system voltage

The offered metering module will also store the midnight values for 35 days of the following electrical parameters:

- Reactive energy for voltage low condition
- Reactive energy for voltage high condition

Billing parameters: The metering modules will store following parameters corresponding to defined bill dates for up to last three months:

- Active energy import
- Active energy export
- Reactive high energy register
- Reactive low energy register
- Maximum Demand Apparent Import

Maximum demand Apparent Export the offered metering system logs following parameters for each 15 min. Ip for the last 35 Days

The load survey data for 15-minute average of the above parameters will be available for last 35 days. The load survey data will be available in the form of bar charts as well as in spreadsheets. The BCS will have the facility to give complete time synchronized load survey data both in numeric and graphic form. The recording of Load survey is FIFO basic. The offered meter is capable to store 100 No tamper in it.

The s/w (BCS) will also give summary report of all the tamper events with total duration (for each type) for event occurred / restoration from the date of installation.

It will be possible to retrieve all these data via communication port on a HHU (MRI) & will be possible to off load these data on to IBM compatible computer and get complete details of the load in numerical data and in graphical form for all 24 Hrs. a day divided as per pre set IP of 15 min. The necessary s/w (SMART2000) is being provided for the same. Further It is difficult to categories time taken for different parameters set. Though you may have reading of energy parameters within 6-7 min. via GSM & MRI operation

Time of Day (TOD) tariff / demand:

The offered metering system is capable to register demand and energy consumption for 8 time zones in 24 Hrs cycle to record time of day consumption. It will be possible to change this TOD through authenticated (protected password) CMRI, duly programmed on BCS s/w supplied by us

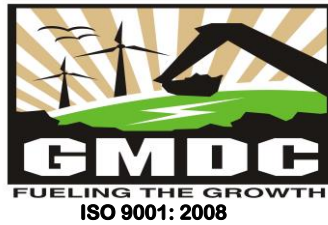
Harmonic measurement:

The offered meter is capable to measure 50 Hz.(pure sine wave) and total energy i.e 50Hz plus harmonics

Data transfer and meter reading instrument:

The offered meter reading instrument is compact and portable with (rechargeable battery powered). This MRI will be capable to cover data from various energy meters and transfer them in minimum time on an IBM compatible computer. The computer s/w will detail information on billing, energy audit and load survey.

Construction of the meter:



The offered meter is adequately shielded from adverse effect of external AC & DC magnetic field. The offered meter confirm to IP51 degree of protection. The offered metering modules will be draw out type with automatic CT shorting feature so as to ease the testing/ replacement of meters without disturbing the system. The offered meters will also withstand without any damage or mal operation, reasonable mechanical shocks, earthquake forces, ambient temperature variations, relative humidity etc. The offered meter would not get damaged or influenced by the any of EMI & EMC as per defined in IS14697

Sealing of the meter module:

Proper sealing arrangement has been provided for the following: Two nos. sealing arrangement is provided on the meter cover. Sealing arrangement is accessible from the front side only. Provisions are available to seal the back connections on the metering system using the terminal cover
The sealing arrangement is suitable for application of Polycarbonate seals

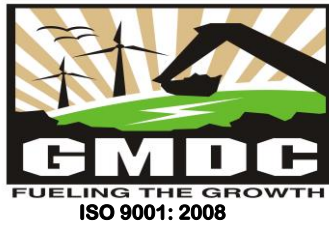
Tamper and fraud protection / information:-

The meter will have features to detect the occurrence and restoration of, at least, the following common anomaly:-

1. **Potential phase sequence-** The offered meter shall measure/monitor phase rotation and store all variable electrical quantities (active and reactive both) irrespective of rotation of potential phase sequence (i.e. either clockwise or anticlockwise) accurately within the specified limits of errors
2. **Phase-wise missing potential** – Indication of missing of voltages and/or partial potential reflected due to missing of primary potentials i.e. difference more then 30% between phase to phase (line) potential with date, time and duration stamped specifying appropriate phase affected
3. **Line Currents:** (I) Indication of missing and/or (II) bye-passing i.e. different more than 20% in magnitude between relevant phase currents with date, time and duration stamped specifying appropriate phase affected
4. **Temperature Sensor:** The temperature sensor should be provided in physical form of assessment i.e. Temperature indicating stickers to sense highest temperature of meter
5. **Phase wise current circuit reversal** - meter will detect reversal of polarity provided the current terminals are reversed. This will be recorded for 1 or 2 phase CT reversa
6. **Voltage unbalance** – meter will detect voltage unbalance if there is unbalance in voltages. The deviation from the phase with highest voltage will be used to detect an unbalance in voltage
7. **Current unbalance** – meter will detect current unbalance if there is unbalance in load conditions. Meter should ensure true system conditions before going for current unbalance checks. These conditions Include voltage unbalance and average line current below a specified threshold

In addition the offered meter shall record and snapshots of phase wise voltage, active current and power factor as well as date and time of logging of occurrence and restoration of all the above anomaly events will be logged into the meter memory

8. **Power on/off** – meter will detect power off if both the auxiliary supplies fail. The event will be recorded on the next power up. At the same time power on event will be recorded. No snapshot will be logged with this event
9. **Feeder Supply fail** -This event will be logged when feeder supply, i.e. all the voltages goes



below certain threshold. Event will be restored when any of the voltage goes above certain threshold. No snapshot will be logged with this event

Last hundred (occurrence + restoration) such events in total with date and time will be stored in the meter memory on first in first out basis. There will be four separate compartments for logging of different type of anomalies as follows:-

- Compartment No.1: 20 events of missing potential
- Compartment No.2: 20 events of CT polarity reversal
- Compartment No. 3: 40 events for voltage and current unbalance
- Compartment No.4: 20 events of feeder fail and power On/Off

The logging of various anomalies in each compartment will be as under:

Once one or more compartments have become full, the last anomaly event pertaining to the same compartment will be entered and the earliest (first one) anomaly event should disappear. Thus, in this manner each succeeding anomaly event will replace the earliest recorded event, compartment wise. Events of one compartment/category should overwrite the events of their own compartment/category only

Anomaly count should increase as per occurrence (not restoration) of anomaly events. Total no. of counts will be provided on BCS

The meter is not provided with facility to flash message for check wiring. The meter wiring status can be checked by considering tamper status. Various temper detail already incorporated into meter. Further phasor diagram can be possible through PC

Accuracy:

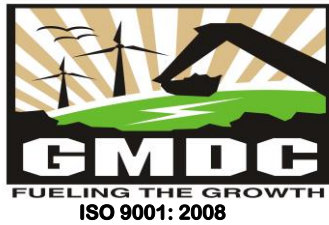
Class of accuracy of the metering system will be 0.2s. for active and reactive power and energy measurement and will follow IEC62052-22 / IS 14997 latest amendment for 0.2s and 0.5s class The accuracy will not drift with time. The tests and reference conditions under which tests shall be carried out shall be in accordance with respective clause no. of IEC 62053-22 along with tests and test conditions as envisaged under respective clause no. of IEC 62053-22

Additionally- To compensate the CT/ PT errors, each meter has the facility to program errors of external measurement transformers through its optical communication port: These are

- i. Linear compensation to enable the measurement PT errors (ratio and phase) compensation; there will be linear adjustment which will be applied across the complete measurement range of the transformer
- ii. Non-linear compensation to enable the measurement CT errors (ratio and phase) compensation; this will allow multiple ratio and phase adjustments to be applied for different load points per phase input of the meter

VA Burden of various circuits:

- iii. Voltage Circuit: The active and apparent power consumption in each voltage circuit including the power supply of metering module at reference voltage, reference temperature and reference frequency will not exceed 1 Watt per phase and 0.5 VA per phase respectively



- iv. Current Circuit: The apparent power taken by each current circuit at basic current, reference frequency and reference temperature will not exceed 1 VA per phase
- v. The meter will be operating on auxiliary power supply

Software (BCS - SMART2000):-

1. Window based s/w (SMART2000) or latest version is will be supplied to off load the MRI
2. The above s/w will have capability to communicate with the offered meters through optical communication port (RS 232) for down loading all the data from meter to PC.
3. The meter can also be able to communicate directly with the LAPTOP computer.
4. The s/w will also have capability to remotely communicate on GSM modem
5. The s/w will create ASCII file as per DISCOM's format for billing purpose.

Technical evaluation:

6. Type test certificate – Required type test certificate as per relevant stand for -/1 Amp conducted with 3 years Are available and can be submitted as and when required

Meter Reading Instrument

STANDARDS FOR METER READING INSTRUMENT

The Meter Reading Instrument (CMRI) will conform in all respects to the following standards: CBIP Technical Report No. 111 - Specification for Common Meter Reading Instrument. (Read with latest amendments)

The MRI meeting any other national or international standards which ensure equal or better quality than the standards mentioned above will also be considered but in such cases, a copy of the standard (authenticated English version) should be enclosed with the bid.

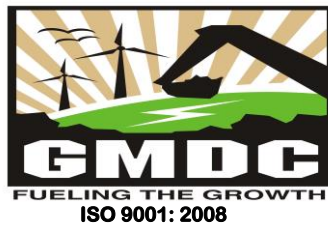
Portable / hand-held data collection device (DCD) / Meter Reading Instrument (MRI) will be tailor-made for down loading all data stored in a meter's memory, and transferring it to the local PC. Each device will at least comprise of the following:

- A lead with optical head for coupling it to the meter
- A lead for plugging it to a personal computer
- An internal battery for powering the device
- A case for safely carrying it about
- A battery charger

The MRI will have a key for starting the data tapping from the coupled meter's memory, a key to start data transfer to the PC and a display which will indicate the message upon completion of data collection. It will remain "ON" while the date is held in the device, and would go off when all the data has been transferred to the PC. DCD will also have necessary provision for meter clock correction. DCD/MRI will be provided as per the price schedule provided along with the necessary software for communication with the meter as well as the local PC.

➤ Details scope of Work:

1. You shall carry out complete retrofitting job of Apex range ABT meters including removal of existing two nos panels with six nos meters, Supply, Installation, Commissioning, Testing



and Calibration of new two nos ABT Meters with two nos prewired panels consist with TTB & require accessories.

2. You shall record or note down all running meters connection details to avoid any doubt during new installation of job.
3. You shall manage to unloading of meters & panels, store at safe place with proper care.
4. You shall supply Apex range ABT meters which should latest version and meet with as above Technical specification & features.
5. You shall supply ABT Meters-02nos with two panel (Check rack & main Rack) consist of Industry Standard 19" Meter mounting rack with 4(Four) metering modules for main meteringsystem and four metering modules for chek metering.
6. Panel should also consist with Pre-wired metering cubicle (Sheet metal cubical floor standing) with TTB, ferruled connectionwires, etc suitable for mounting Apex meteringsystem.
7. You shall connect all ABT meters with GPS Clock.
8. You shall supply GSM Modem for meters., if require.
9. You shall supply two nos MRI meters with licence software to down load the data from ABT meters port. It is help full to GMDC O&E (operation & efficiency) department to calculate UI charges.
10. You shall supply all required accessories like cable, tools, tackles, wiring, connection, civil work etc to carry out to complete the job.
- 11. You shall visit ATPS Switchyard before quote, to get proper information and actual requirement to avoid any trouble during job at site.**
12. You shall follow GMDC Ltd safety rules & regulation at site.
13. You shall full fill all statutory requirement of GMDC Ltd HR department before execute the job.
14. You shall submit manuals, drawings, licence, connection diagrams, commissioning, testing and calibration reports, programming CD etc of ABT meters job to GMDC in one original and one duplicate copy after completion of job with one no soft copy.
15. You shall provide one year free of service to GMDC for ABT meters, if any problem occurs after commissioning.
16. You shall give 18month guarantee from commissioning of meters for supply of items.
17. You shall carry out complete job within one week (Seven Days)

➤ **Scope of work (GMDC):-**

1. GMDC Ltd shall provide available drawing of Switchyard.
 2. GMDC Ltd shall provide available power supply to panels.
 3. GMDC Ltd engineer shall supervise and co ordinate the job.
 4. GMDC shall intimate to agency one week advance for shut down of units.
 5. GMDC Ltd shall provide PTW permission at site and Gate pass on submission of your staff details.
 7. GMDC Ltd In charge engineer shall confirm all data after commissioning, testing and calibration.
 8. GMDC Ltd provide only lodging/Boarding to your staff on chargeable basis.
- GMDC will provide pick up-drop facilities for SK Varma-nagar, Panandhro to Akrimota TPS only. (vehicle support)



FUELING THE GROWTH

ISO 9001: 2008

Annexure—C

Technical Specifications and Requirements

As Above Annexure B





Annexure—D

DECLARATION –I (On Company's letterhead)

Letter No.

Date

From:

To,
THE MANAGING DIRECTOR,
GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.,
“KHANIJ BHAVAN”, 132 FT. RING ROAD,
UNIVERSITY GROUND,
AHMEDABAD-380 052.

SUB: -

Dear Sir/ madam,

I/we have carefully gone through and clearly understood the Tender Notice and Tender Form and have tendered to execute and satisfactorily complete the whole of the work strictly in accordance with the said Tender Form.

I/we hereby solemnly declare that any of our partners severally and/or individually or our firm/company have not been put any time in the past on the black list either by the Government of India/Government of Gujarat/Government of India Undertaking / Government of Gujarat Undertaking/Any other State Government Undertaking. I/we hereby further agree that if the Corporation come to know subsequently, after awarding the work under this tender to me/us to our firm/our company that any of our partners either individually or severally, or our firm/company was black listed by any of the states agencies, the Corporation shall be entitled to take any actions against us severally or individually or our firm/company in this regard in any manner that may be deemed fit by the Corporation.

Yours faithfully,

Signature & Stamp of the Tenderer

Name: _____

Address: _____



Annexure—E

DECLARATION -II (On Company's letterhead)

Letter No.

Date:

From:

To,
THE MANAGING DIRECTOR,
GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.,
“KHANIJ BHAVAN”, 132 FT. RING ROAD,
UNIVERSITY GROUND,
AHMEDABAD-380 052.

SUB: -

Dear Sir/ Madam,

I/we having carefully gone through and clearly understood the Introduction, Tender Notice, documents to be enclosed and sent along with this tender, plans, specifications, conditions of contract etc. for the above mentioned work, do hereby tender to execute and complete the whole of the work strictly in accordance with the said plans and specifications and conditions of contract at the rates set out in the priced schedule and quantities attached hereto.

I/we have deposited as Earnest Money Rs. _____ (Rs. _____) by demand draft in your office which amount is not to bear any interest and I/we do hereby agree that this sum shall be liable to be forfeited by the Corporation at its sole discretion, in the event of your accepting my/our tender and I/we fail to execute the contract, when called upon to do so.

It is understood by me/us that the lowest or any tender will not necessarily be accepted and that no reasons shall be given for such non-acceptance.

I/we agree to keep our offer open for 120 days or for a further period as would be desired by the Corporation from the date of opening of the tender. We agree to all the terms and conditions of the tender.

Yours faithfully,

Signature & Stamp of the Tenderer

Name: _____

Address: _____



Annexure—F

ARTICLES OF AGREEMENT

(DRAFT)

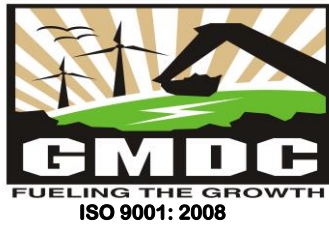
(NOTE: These Articles of Agreement shall be signed by the successful Tenderer (contractor) and the GMDCs on a Non-Judicial Stamp Paper of Rs.100/-; the Stamp Paper shall be bought by the Contractor).

ARTICLES OF AGREEMENT made at _____ on this _____ day of _____ BETWEEN _____ (hereinafter referred to as the GMDC which expression shall include his heirs, executors, administrators and assignees) of the one part and _____ (hereinafter referred to as the “Contractor” or the “Tenderer” which expression shall include his heirs, executors, administrators and assignees) of the other part.

WHERE AS the GMDC is desirous of constructing/Executing the work and have caused drawings, Specifications and Bills of Quantities describing the work to be done, to be prepared by or under the guidance and WHEREAS the said Tender Documents (as detailed in Para 13 of Instructions to Tenderers) inclusive of the Specifications and the Priced Bills of Quantities have been signed by or on behalf of the parties hereto, and WHEREAS the Contractor has agreed to execute upon and subject to the conditions set herein, the works shown upon the “said drawings” and described in the “said Specifications” and the “said Priced Bills of Quantities” (all together hereinafter referred to as “The Conditions”). AND WHEREAS the Contractor has submitted the Initial security deposit of Rs. _____ (Rupees: _____ only) in the form of Cheque/DD/B.G.

NOW IT IS HEREBY AGREED AS FOLLOWS:

- 1 In consideration of the payment to be made to the contractor as hereinafter provided, he shall upon and subject to the said conditions execute and complete the works shown upon the said drawings and described by or referred to in the said Specifications, the Priced Bills of Quantities and such further detailed drawings and/or instructions as may be furnished to him by the GMDC/Consulting Engineer.
- 2 The GMDC shall pay the Contractor such sums as shall become payable to him in terms of the Conditions at the time and in the manner specified in the Conditions.
- 3 The terms Engineer in charge for the purpose of this Contract such other person as shall be nominated for the purpose by the GMDC not being a person to whom the Contractor shall object for reasons considered to be sufficient by the GMDC. Provided always that no person(s) subsequently appointed to be the Engineer in charge under this Contract shall be entitled to dis-regard or overrule any decision or approval or direction given or expressed in writing by the (previous) Architect/Consulting Engineer/Engineer for time being.
- 4 The Contract or the work is as referred to in Para of Instructions to Tenderers and all other subsidiary works connected herewith within the same site as may be ordered to be done



from time to time by the Engineer in charge for the time being although such works may not be shown on the said drawings or described in the said Specifications or the Priced Bills of Quantities.

5. All disputes arising out of or in any way connected with this contract shall be deemed to have arisen in Ahmedabad and only the Court at Ahmedabad shall have jurisdiction to determine the same.
6. The several parts of this Contract have been read and fully understood by me, the undersigned. IN WITNESS WHEREOF the parties hereto have hereunder set their hands this ____day of _____, 200__.

Signed by the said GMDC
In Presence of

Name: -----

Address: -----

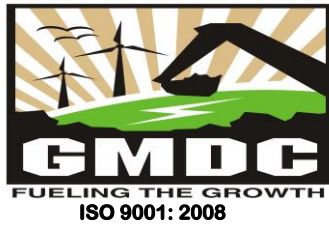
Occupation: -----

Signed by the said Contractor
In Presence of

Name: -----

Address: -----

Occupation: -----



Annexure—G
Indemnity declaration form
(On letter head of the bidder)

UNDERTAKING

Ref. No.

DATE:

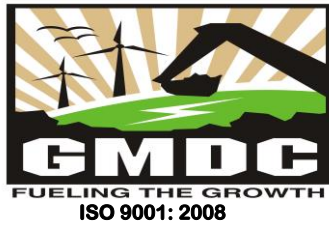
To,
The MANAGING DIRECTOR,
M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD,
“KHANIJ BHAVAN”, 132, FT. RING ROAD,
NR. UNIVERSITY GROUND, VASTRAPUR,
AHMEDABAD–380 052.

Dear Sir,

We M/s _____ hereby undertake that, we shall at all times, indemnify and keep indemnified that GMDC Limited from any and all liability for damages resulting from or arising out of or in any way connected with the operations covered by the tender No GMDC: _____ . We shall be responsible for all risk arising in connection with or on account of the operations covered by the contract covered by above tender and shall make good all losses and damages arising there from. In case, the GMDC Limited shall incur any cost or expense or suffer any loss on account of any claim demand or course of action brought against us and arising out of the operation covered by the Bidder/ Tenderer, the GMDC Limited shall have the power (Without being bound to do so) to define, contest or compromise any such claim demand or cause of action. Any amount that may become payable by GMDC Limited and any cost expense etc. that may be incurred by GMDC Limited in this behalf, shall also be recoverable from us, without prejudice to your other rights.

Yours Faithfully,
For _____

SEAL & SIGNATURE OF AUTHORITY



Annexure—H

To be typed on Stamp Paper of Rs. 100.00

Same format for both the orders.

BANK GUARANTEE FOR SECURITY DEPOSIT

BG No. _____ For Rs. _____

IRREVOCABLE BANK GUARANTEE

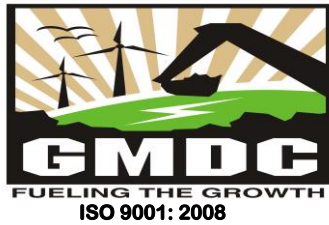
This deed of Guarantee is made this day _____ between Gujarat Mineral Development Corporation Limited having registered office at Khanij Bhavan, Near University Ground, Behind Gandhi Labour Institute, 132ft Ring Road, Vastrapur, Ahmedabad- 380 052 (India) hereinafter called Corporation and _____ (Bankers) _____ for an amount of Rs. _____ (Rupees _____) for and on behalf of M/s. _____ having registered office at _____ hereinafter called Contractor/Vendor/Agency. (Which expression shall unless excluded by or repugnant to the context, included its successors and assigns of the concerned Parties.)

The Corporation entered in to contract with the contractor and issued tender No. _____ to them, a Purchase/Work Order for the supply/work of _____ for the GMDC Site / Project/ Office _____ as per terms and conditions contained in Tender No. _____ L.O.I/Purchase/Work Order No. _____ dated _____ and whereas clause No. _____ of the said contract Provided that the Contractor/Vendor/Agency is required to produce a irrevocable Bank Guarantee in favor of the Corporation for sum of Rs. _____ (Rupees _____ Only) as Security Deposit for the due performance of the contract.

And whereas at the request of the Contractor/Vendor/Agency, the Bank has agreed to execute this guarantee.

IT IS HEREBY AGREED AND DECLARED BY THE BANKERS HERETO AS FOLLOW :

- 1). The Bank hereby guarantee to the Corporation the observance and performance by the Contractor/Vendor/Agency of the various terms and conditions obligations as provided in the said contract and further undertakes to pay to the Corporation a sum of Rs. _____ (Rupees _____) on demand and without any demur in the event of the Contractor/Vendor/Agency failing or refusing to perform the various duties and obligations under the said contract or otherwise committed breach of any of the terms and conditions of the said contract and it is hereby declared that the decision of the Corporation that the Contractor/Vendor/Agency has to failed and neglected to perform any of the duties and obligations indicated in the said contract shall be final and binding on the Bank.



- 2). That the Guarantee herein shall not be affected by any change in the Constitution of the Bank.
- 3). That the Guarantee shall not be revoked without consent of the GMDC.
- 4). That the Bank further declares that on completion of the contract, the Corporation may retain such amount of the Guarantee as may be sufficient to cover any incorrect or excess payment made on the bill of the Contractor/Vendor/Agency till the Audit and defect liability period is completed.
- 5). NOTWITHSTANDING anything contained herein before our liability under this guarantee is restricted to Rs. _____ (Rupees _____).

The Guarantee will remain in force for a period of _____ from the date of LOI/Purchase/Work Order i.e. up to _____ unless a demand or claim is made on us in writing on or before _____ all your rights under this guarantee shall be forfeited and we will be relieved and discharged from all our liabilities therein under.

SIGNATURE & SEAL OF BANKERS



FUELING THE GROWTH

ISO 9001: 2008

Annexure—I

Sr. no.	Details of Bidders to be filliped are as under.	
	Supplier Name (Vendor Name)	
1	URL(Website Name)	
2	Address Line1	
3	Address Line2	
4	Address Line3	
5	Address Line4	
6	City	
7	State	
8	Postal Code	
9	Address Name(Site)	
10	Phone Area Code	
11	Phone Number	
12	Fax Area Code	
13	Fax Number	
14	Email Address	
15	CONTACT PERSON NAME	
16	Mobile no. of Contact Person	
17	VAT NUMBER	
18	CST NUMBER for parties situated outside of gujarat	
19	PAN NUMBER	
20	TAN NUMBER (Optional)	
21	VENDOR TYPE (Material supplier OR service provider?)	
22	Product Code (Please select from the Sheet - Product Code)	
23	Product Code description (Please select from the Sheet - Product Code)	



Annexure—J

PROFORMA FOR EARNEST MONEY DEPOSIT
On Tenderer's Letter Head

REF. NO.

DATE:

TO,

MANAGING DIRECTOR,
M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD,
“KHANIJ BHAVAN”, 132, FT. RING ROAD,
NR. UNIVERSITY GROUND, VASTRAPUR,
AHMEDABAD-380 052.

SUB. : E.M.D. for Tender No.

DEAR SIR,

WITH REFERENCE TO THE ABOVE AND AS PER TERMS & CONDITIONS OF TENDER,
WE ARE SENDING HERewith D.D./PAY ORDER NO: _____ DATED _____ FOR
RS. _____ DRAWN ON _____ BANK _____
BRANCH IN FAVOUR OF M/S. GUJARAT MINERAL DEVELOPMENT CORPORATION
LTD. PAYABLE AT AHMEDABAD, BEING THE AMOUNT OF E.M.D.

KINDLY ACKNOWLEDGE THE RECEIPT AND SEND YOUR STAMPED RECEIPT FOR
THE SAME.

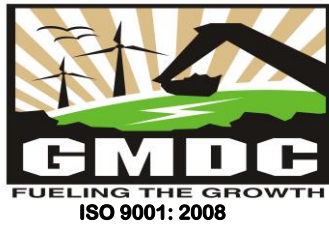
THANKING YOU,

YOUR'S FAITHFULLY,

Signature & Stamp of the Tenderer

Name: _____

Address: _____



Annexure—K

SOLVENCY CERTIFICATE -PROFORMA (If Applicable) (ON BANK LETTER HEAD)

Date:

This is to state that to the best of our knowledge and information,
M/s. _____,

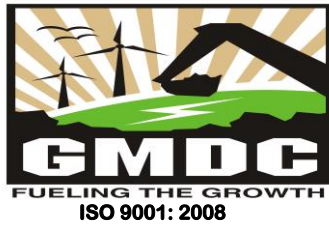
a Customer of our Bank is respectable and can be treated as solvent up to a sum of
Rs..... (Rupees.....).

It is certified that this information is furnished without any risk and responsibility on Bank or its
Officers in any respect whatsoever more particularly either as Guarantor or otherwise. This
certificate is issued at specific request of the Customer.

Signature & Stamp of the Tenderer

Name: _____

Address: _____



Annexure—L

B.G. for an Advance Payment against Supply On Rs. 100/- Stamp Paper

Gujarat Mineral Development Corporation Limited,
“ Khanij Bhavan “, Near University Ground,
Behind Gandhi Labour Institute, 132ft Ring Road,
Vastrapur, AHMEDABAD – 380 052

Dear Sir,

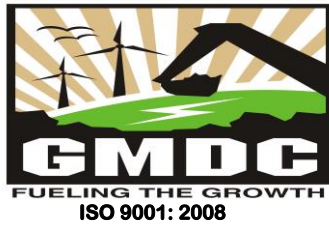
Guarantee No. :
Amount of Guarantee :
Guarantee cover from : to
Last date for lodgment of claim :

This deed of Guarantee executed by _____ (Bank Name and Address) (hereinafter referred to as the “BANK “) in favour of M/s Gujarat Mineral Development Corporation Limited (hereinafter referred to as the “OWNER”) for an amount not exceeding Rs. _____ (Rupees _____) at the request of M/s. _____ (Name & Address of Contractor)(hereinafter referred to as the “CONTRACTOR”).

This guarantee is issued subject to the condition that the liability of the bank under this Guarantee is limited to a maximum of Rs. _____ (Rupees _____) and the guarantee shall remain in full force up to _____ (Date of expiry) and cannot be invoked other than by a written demand or claim under this guarantee served on the bank on or before _____ (Last date of Claim).

In consideration of the “OWNER” which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assign having awarded to the “CONTRACTOR” which expression shall unless repugnant to the context or meaning thereof include its successors, administrators, executors and assign the LOI/Purchase/ Work Order No. _____ dated _____ Valued at Rs. _____ (Rupees _____). The scope of Purchase/Work Order covers _____ etc. at GMDC Site/ Office _____ (hereinafter referred to as “CONTRACT”) and the “OWNER” having agreed to make an advance payment against supply to the “CONTRACTOR” for performance of above “CONTRACT” amounting to 10% (Ten Percent) of contract value as an advance against a Bank Guarantee to be furnished by the “CONTRACTOR”.

We, _____ (Name of the Bank) having its Central/Head Office at _____ the “BANK” which expression shall unless repugnant to the context or meaning thereof include its successors, administrators, executors and assigns do hereby irrevocably guarantee and unconditionally undertake to pay to the “OWNER” immediately on first demand any or all money payable by the “CONTRACTOR” to the extent of Rs. _____ (Rupees _____) as aforesaid at any time without any demur, reservations, recourse, contest or protest and/or without any reference to the Contractor. Any such demand made by the “OWNER” on the “BANK” shall be conclusive and binding notwithstanding



any difference between the “OWNER” and the “CONTRACTOR” or any dispute pending before any Court, Tribunal, Arbitrator or any other authority.

“The Bank further agrees that the “OWNER” at its option shall be entitled to enforce this guarantee against the “BANK” as principal debtor in first instance without proceeding against the “CONTRACTOR” and notwithstanding any security or other guarantee the “OWNER” may have in relation to the contractor’s liabilities.

Notwithstanding anything contained hereinabove, our liability under this advance payment guarantee is restricted to Rs. _____ (Rupees _____) and comes into force only upon receipt by the “CONTRACTOR” of the advance payment.

This guarantee will automatically be reduced proportionately against progressive invoices relevant to the value of work done and certified by the “OWNER” for the reduced amount and shall remain in force up to _____ unless a claim in writing is received by us before and up to _____, we shall be discharged from the liability under the guarantee.

Notwithstanding anything contained herein:

- a) Our liability under this Bank Guarantee shall not exceed Rs._____. (Rupees _____)
- b) This Bank Guarantee shall be valid up to _____ and
- c) We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____.

WITNESS:

BANK STAMP & SIGNATUR

Signature & Stamp of the Tenderer

Name: _____

Address: _____