

E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19

**E- TENDER TO CARRY OUT
HYDROLOGICAL INVESTIGATION
AND
CONSTRUCTION OF EXPLORATORY TUBEWELL AND OBSERVATION WELLS
AT
VALIA LIGNITE BLOCK AND DAMLAI – PADAL LIGNITE BLOCKS
IN
BHARUCH DISTRICT OF GUJARAT
THROUGH REPUTED HYDRO-GEOLOGIST/CONSULTANT/CONTRACTOR**

(TECHNICAL BID – PART-I)



GMDC Science & Research Centre

KhanijBhavan, 6th Floor, "A" Tower, 132 ft Ring Road,
Near University Ground, Vastrapur, Ahmedabad –380 052
Telephone: 27912760, 27913200 Fax: 27911454
Email : geo@gmdcltd.com



GMDC Science & Research Centre

E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19

| | |
|--|--|
| Work Description | Hydrological investigation and construction of exploratory tubewell and observation wells at Valia Lignite Block and Damlai-Padal Lignite Block in Bharuch District of Gujarat |
| Period of contract | Eight months from date of LOI |
| Tender Processing Fee | Rs. 3,000/- + GST @ 18 % by DD / pay order in favour of GMDC Sci & Research Center Ltd Payable at Ahmedabad. |
| EMD | Rs. 3,00,000/- (Rs Three lakhs only) |
| Availability of tender document | On website www.gmdcltd.com & https://www.nprocure.com & www.gmdc.nprocure.com |
| Last date & Time of downloading the tender | 28 /02 /2019 : 12.00 Hrs. |
| Last date & time of online submission of bid | 28 /02 /2019 15.00 Hrs. |
| Last date & time of submission of tender fees, EMD & all necessary documents | 28 /02 /2019, 16.00 Hrs. at GMDC Sci & R C. GMDC office “KhanijBhavan”, 6 th Floor, ‘A’ Wing, 132 ft Ring Road, Nr. University Ground, Vastrapur, Ahmedabad – 380 052 |
| Date & time for on-line opening of technical bid | 28 /02 /2019 16.00 Hrs. |
| Note : 1) The GMDC Sc& RC reserves the right to reject any or all the Tender or split the work between more than one bidders without assigning any reason thereof. | |

Instruction to Bidders for Online Tendering

- 1.** Tender documents are available only in electronic format which Bidders can download free of cost from the website www.gmdcltd.com and <https://nprocure.com>
- 2. All bids (technical and price bid) should be submitted online through the website <https://nprocure.com> only. As well as Physical submission of technical bid with relevant / supporting documents will be submitted to this office.**
- 3.** Following should be submitted 'off-line' in sealed covers separately at our Corporate Office, Ahmedabad.
[1] Tender Processing Fee, [2] E.M.D. [3] Supporting Documents for Technical Bid.
- 4.** Bidders who wish to participate in online tenders will have to produce/should have legally valid Digital Certificate (Class III) as per information Technology Act, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n) code solutions- a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below at clauses 5.
- 5.** All bids should be digitally signed. For details regarding digital signature certificate and related training involved at the below mentioned address should be contacted : (n) Procure Cell (n) code solutions A division of GNFC 403, GNFC, Infor-Tower , Bodakdev Ahmedabad-380 054 (India) Tel : +91 26857316/17/18 Fax : +91 79 26857321 Toll Free : 1800 -233-1010 E-mail : nprocure@gnvfc.net
- 6.** Kindly take note that, valid Digital Signature Certificates is must for all the interested bidders. Online tendering process is not possible without valid digital signature certificate.
- 7.** Interested bidders are also requested to complete their procedure for taking digital signature certificate in respect to filling of application form, supporting documents with necessary fees at least 3 days before last date of tender submission.
- 8.** (n) code solutions reserves the rights to issue digital signature certificate after verification of applications forms/supporting documents submitted by bidder. (n)code solutions is fully authorized to issue digital signature certificate to bidders.
- 9.** All the bidders who have no facility to participate in on-line tenders are requested to contact (n) code solutions for the same.
- 10.** Free vendor training camp will be organized every Saturday between 4.00 to 5.00 P.M. at (n) code solutions-A Division of GNFC Ltd., Bidders are requested to take benefit of the same(Advance Confirmation to (n) code is requested).
- 11.** All the correspondence in respect to training, support or digital signature certificate should be addressed to (n) code solutions directly on the above mentioned address.

Application expressing interest by the Bidders:

Dated

To,
Head of the Department (Geology)
Gujarat Mineral Development Corporation Ltd,
KhanijBhavan, 132 ft. Ring Road,
Near University Ground, Vastrapur,
Ahmedabad.

Subject: Tender No. GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19 for Hydrological investigation and construction of exploratory tube well And observation wells at Valia Lignite Block & Damlai- Padal Lignite Block in Dist. Bharuch.

Sir,

I/We are interested in participating in the above TENDER for the work of Hydrological survey work I/We have sufficient expertise for preparation of hydrological report of mining areas and required manpower and machinery to carry out construction of exploratory tube well and observation well to the entire satisfaction of the GMDC S & RC.

Thanking you,

Yours faithfully,
(Authorized signatory)



GMDC Science & Research Centre
KhanijBhavan, 132 ft. Ring Road,
Near University Ground, Vastrapur,
Ahmedabad

1.0 NOTICE OF INVITATION TO BIDDER

Gujarat Mineral Development Corporation Science & Research Center (GMDC S & RC) invites bids from reputed financially sound and experienced valid NABL accredited Mineral testing laboratory to carry out analysis of different minerals

- a) The validity of the Bid shall be 180 days from the date of acceptance of the bid.
- b) The GMDC S & RC reserves the right to reject any or all the TENDER or split the work between more than one bidders without assigning any reason thereof.

2.0 SCOPE OF WORK

Location of Lignite Block :

- a. **Boundary co-ordinate details of Damlai-Padal Lignite blocks**
Total block area - 1400 hect

| FID | BLOCK NAME | DMS | | UTM in Mts. | |
|-----|---------------------|-----------------|------------------|--------------|--------------|
| | | Latitude | Longitude | X | Y |
| 1 | Damlai –Padal Block | 21 39 49.97476N | 073 12 47.94130E | 315123.6995 | 2396688.5137 |
| 2 | Damlai –Padal Block | 21 39 50.62334N | 073 12 48.25541E | 315132.9599 | 2396708.3575 |
| 3 | Damlai –Padal Block | 21 39 50.99011N | 073 12 46.36428E | 315078.7202 | 2396720.2638 |
| 4 | Damlai –Padal Block | 21 39 52.35893N | 073 12 45.65718E | 315058.8764 | 2396762.5972 |
| 5 | Damlai –Padal Block | 21 39 55.27752N | 073 12 45.06903E | 315043.0014 | 2396852.5557 |
| 6 | Damlai –Padal Block | 21 40 29.02249N | 073 13 07.47225E | 315699.0000 | 2397883.0000 |
| 7 | Damlai –Padal Block | 21 40 34.64134N | 073 12 30.66932E | 314643.0000 | 2398068.0000 |
| 8 | Damlai –Padal Block | 21 41 20.60892N | 073 12 23.97811E | 314467.0000 | 2399484.0000 |
| 9 | Damlai –Padal Block | 21 42 06.08523N | 073 12 56.77288E | 315425.7852 | 2400871.7835 |
| 10 | Damlai –Padal Block | 21 42 05.78000N | 073 13 45.34094E | 316821.6285 | 2400846.3772 |
| 11 | Damlai –Padal Block | 21 42 06.12153N | 073 14 17.39058E | 317742.9201 | 2400846.3772 |
| 12 | Damlai –Padal Block | 21 41 01.70177N | 073 14 18.17423E | 317742.9201 | 2398864.8529 |
| 13 | Damlai –Padal Block | 21 40 58.22431N | 073 14 25.30996E | 317946.8264 | 2398755.5722 |
| 14 | Damlai –Padal Block | 21 39 29.13203N | 073 14 26.42918E | 317947.9201 | 2396015.1298 |
| 15 | Damlai –Padal Block | 21 39 28.39985N | 073 13 17.65544E | 315970.3679 | 2396015.1478 |
| 16 | Damlai –Padal Block | 21 39 28.30211N | 073 13 12.54917E | 315823.5238 | 2396013.8249 |
| 17 | Damlai –Padal Block | 21 39 27.32140N | 073 13 09.34029E | 315730.9195 | 2395984.7206 |
| 18 | Damlai –Padal Block | 21 39 28.73573N | 073 13 08.86280E | 315717.6903 | 2396028.3770 |
| 19 | Damlai –Padal Block | 21 39 28.19792N | 073 13 06.84482E | 315659.4818 | 2396012.5019 |
| 20 | Damlai –Padal Block | 21 39 29.44120N | 073 13 06.46145E | 315648.8985 | 2396050.8666 |
| 21 | Damlai –Padal Block | 21 39 30.24259N | 073 13 00.97602E | 315491.4711 | 2396077.3250 |
| 22 | Damlai –Padal Block | 21 39 32.92293N | 073 12 58.22828E | 315413..4188 | 2396160.6689 |
| 23 | Damlai –Padal Block | 21 39 34.72233N | 073 12 53.55878E | 315279.8040 | 2396217.5544 |
| 24 | Damlai –Padal Block | 21 39 34.53199N | 073 12 51.85862E | 315230.8560 | 2396212.2628 |

| | | | | | |
|----|---------------------|-----------------|------------------|-------------|--------------|
| 25 | Damlai –Padal Block | 21 39 35.91305N | 073 12 44.29537E | 315013.8972 | 2396257.2420 |
| 26 | Damlai –Padal Block | 21 39 40.85302N | 073 12 43.68232E | 314998.0222 | 2396409.3777 |
| 27 | Damlai –Padal Block | 21 39 44.95958N | 073 12 45.56431E | 315053.5848 | 2396535.0551 |
| 28 | Damlai –Padal Block | 21 39 46.61865N | 073 12 47.84460E | 315119.7307 | 2396585.3260 |
| 29 | Damlai –Padal Block | 21 39 49.97476N | 073 12 47.94130E | 315123.6995 | 2396688.5137 |

**b. Boundary co-ordinate details of EFG Block (Valia Block) Lignite blocks
Total block area - 3015 hect**

| | | | | | |
|----|-----------|-----------------|------------------|-------------|--------------|
| 1 | EFG Block | 21 31 22.28889N | 073 14 41.33001E | 318207.4945 | 2381037.3321 |
| 2 | EFG Block | 21 31 21.18123N | 073 12 56.89524E | 315201.7356 | 2381037.3321 |
| 3 | EFG Block | 21 31 33.70619N | 073 11 09.16968E | 312106.0989 | 2381458.2713 |
| 4 | EFG Block | 21 34 15.74893N | 073 14 10.10601E | 317369.2858 | 2386382.2458 |
| 5 | EFG Block | 21 34 18.00234N | 073 13 51.69235E | 316840.3499 | 2386457.5563 |
| 6 | EFG Block | 21 35 37.12613N | 073 14 29.41065E | 317952.9034 | 2388878.7391 |
| 7 | EFG Block | 21 35 29.90499N | 073 15 20.80179E | 319428.5925 | 2388640.0188 |
| 8 | EFG Block | 21 35 29.95962N | 073 15 26.01606E | 319578.5925 | 2388640.0188 |
| 9 | EFG Block | 21 32 30.58651N | 073 15 28.16039E | 319578.5925 | 2383122.7190 |
| 10 | EFG Block | 21 31 22.28889N | 073 14 41.33001E | 318207.4945 | 2381037.3321 |

GMDC is state Government Company engaged in exploration & exploitation of different minerals in the State. GMDC is operating lignite, Bauxite, Fluorspar and Manganese mines in the State.

Central Government has recently allotted three lignite blocks to GMDC. The DGPS survey work is completed for all 3 lignite blocks. After completion of exploration work, GMDC is planning to prepare Mine Plan and also going to apply for Environment Clearances application. For both these work, Hydrological data / report is very much essential and so far, GMDC has decided to carry out Hydrological investigation along with construction of exploratory tube well and observation wells through GMDC Sci & RC.

The detail scope of work and broad outline of hydrological study and construction of tubewell and observation well are as under :

Hydrological study:-

- Study and evaluation of earlier exploration and hydrological reports prepared by GMDC, GWRDC, CGM, CGWB etc.
- Survey and data collection of core and buffer zone for existing open wells, tube wells and study its aquifer characteristics.
- Collection of required number of samples for surface and ground water and its analysis.
- Study sea water ingress and possibilities of sea water ingress in case of Kutch blocks.
- Long duration pumping test on existing/newly constructed exploratory tube well to identified the existing aquifer characteristics like T, S, permeability, Radius of influence etc.
- Impact of mining on existing ground water regime of the area.
- Preparation of detail hydrological report covering all above studies.
- The hydrological investigation studies carried out by successful bidder will be placed before MoEF, New Delhi for environmental clearance. If required, the successful bidder has to appear

during the presentation to the expert committee of EC for coal and reply the queries raised by them and get the EC.

For preparation of detail hydrological report and to carry out long duration pump test GMDC is also planning to construct exploratory tubewell and observation well at suitable location within allotted lignite block. The detail technical specification of exploratory tubewell and observation wells are as under :

Exploratory tube well (1 no. in each block) :

Drilling Diameters - 500 mm

Well casing diameter – 300 mm

Depth - Maximum – 150 to 175 meters as per requirement

Screening Zone - All the sandy column above lignite seam.

Slot percentage - 18 - 20%

Slot width - 2 mm

Gravel size - 4 - 6 mm (To be ensure at least 60%)

Gravel pack - only for the zone screened or up to lignite.

Material - Thick PVC or MS

Bottom of Pipe - Closed or sealed by welding material (Bail plug)

Settling Pipe - 2-3 meters of plain pipe to be welded above bail plug top avoid frequent extraction of pump going to bottom rising.

Observation well (2 no. in each block) : (Maximum)

Drilling Diameters - 300 mm

Well casing diameter – 125 mm (from top to bottom)

Depth - Maximum – 150 to 175 meters as per requirement

Screening Zone - All the sandy column above lignite seam.

Slot percentage - 18 - 20%

Slot width - 2 mm

Gravel size - 4 - 6 mm (To be ensure at least 60%)

Gravel pack - only for the zone screened or up to lignite.

Material - Thick PVC or MS

- **Location of drilling may be in Govt. land or Private land. If it may be selected in private land then permission may be obtained from the land owner by the Successful Bidder.**

The wells should be properly developed with the help of suitable air compressor so that the water obtained from the tubewell is sand free.

The drawing of exploratory tube well & Observation well are attached herewith as annexure – I.

The area consists of “Tertiary” formation having alternative layers of Soil ,Sub soil, limestone sand, different types of clays / Shale , lignite and base of Deccan trap. CGM / MECL has carried out

exploration in this area for stratigraphic identification and some of the lithologs are available with GMDC so we believe that Geo - physical survey before the drilling is not require in this area.

3.0 ELIGIBILITY CRITERIA :

a) Experience :

Experience in preparation of hydrological report and construction of exploratory tube well and observation well. **Three** similar completed work for which the value of the work executed by the bidder. Please mention the value (**Preparation of hydrological report and Construction of Exploratory tube well and observation well**) in five years ended on 31/03/2018.

b) Technical Manpower:

One No of M.SC Geology / Geo-physicist degree having 4 years experience in hydrological work

c) Average Annual turnover of last 3 years ended on 31/3/2018:

Not less then 21 Lakhs (30 % of total estimated cost of Rs.70 lakhs)

4.0 DURATION

The time limit for the entire contract is Eight months (From the date of issue of LOI). However, GMDC SC & RC reserves the right to increase or decrease the quantum of the work & time with advance intimation to the successful bidder

5.0 GENERAL SCOPE OF SERVICES:

The successful bidder shall start the Survey/drilling work within the time schedule.

The successful bidder shall make his own arrangement for drilling rigs, required accessories, man power, pump test, collect of the water samples its analysis, preparation of hydrological reports or any other arrangement related to this work.

GMDC SC & RC reserves the right to reject any or all the tender or split the work between more than one bidder without assigning any reason thereof.

6.0 THE TENDER & THE OFFER

a) It is a two-bid system. The bids are required to be submitted on line at <https://nprocure.com> by the date and time prescribed in the tender notice as under :

Part – I

Technical bid

- To be submitted online about the details of Tender Processing Fee and EMD.
- Technical bid documents i.e. prescribed forms are to be submitted on line. However, the documents required to be submitted in support of forms as well as Tender Processing Fee and EMD in line desired form shall be placed in sealed cover super-scribed "TECHNICAL BID, Tender

No. and Name of work” and should be submitted separately at GMDC Corporate Office, Ahmedabad before stipulated time.

Part – II

Price –bid

To be submitted on line before the stipulated time.

b) If the Tender Processing Fee and EMD are not found in the sealed technical bid document cover or if the amount thereof is found short, the tender will not be considered for scrutiny and will be out rightly rejected.

c) The GMDC Sc &RC reserves the right to reject any or all the tenders or split the work between more than one bidder without assigning any reason thereof.

7.0 OPENING OF BIDS

a) E-tendering procedure.

b) Technical bids will be opened after verification of receipt of payment towards Tender Processing Fee and EMD. The bidders will be able to view it on their computers on date and time notified in tender notice.

c) On verification of the supporting documents, technical qualification of the bidders will be assessed. The qualified bidders will be communicated the date and time of on line opening of price bids by fax or telephone or email or SMS. However, all the bidders will be able to view the price bids online on their computers.

8.0 CORRIGENDUM

Some times corrigendum may be necessary to clarify doubts raised or to make some corrections. All such corrigendum shall be displayed on web site www.gmdcltd.com , <https://nprocure.com> only. The bidders are therefore advised to refer to this site from time to time to keep them updated.

9.0 EARNEST MONEY DEPOSIT :

9.1 A non-interest bearing Earnest Money Deposit of Rs. 3,00,000/- (Three lacs only) shall be paid along with the tender, enclosed with TECHNICAL BID documents in seal cover super scribed “Technical bid cover”, in form of DD in favour of GMDC Science & Research Center Payable at Ahmedabad from any GoG approved scheduled banks (not being a cooperative Bank)

Or

Bank Guarantee, issued by a GoG approved Bank (not being a cooperative Bank) valid for a period of not less than 3 (three) months beyond the proposed validity of bid.

9.2 Any pending dues against invoice or any other deposit lying with the GMDC Sci& RC will not be adjusted against Earnest Money Deposit Any tender submitted without Earnest Money shall be summarily rejected and no claim shall be entertained on such rejected tenders.

9.3 The amount of EMD paid by the unsuccessful bidder will be refunded by way of crossed cheque within 15 days of finalization of the tender. In case of Bank Guarantee the same shall be returned in original.

9.4 The EMD of the successful bidder shall either be adjusted as a part of security deposit, if desired by the Successful Bidder or shall be refunded by way of crossed cheque on receipt of security deposit amount

9.5 If the Successful Bidder does not accept the work order issued by GMDC SC & RC then EMD amount paid by the successful bidder will be forfeited.

10.0 SECURITY DEPOSIT :

The successful Bidder shall have to pay Security Deposit @ 5% of the order value (Including EMD) within a fortnight after receipt of the work order by way of

10.1

DD in favour of GMDC Science & Research Center payable at Ahmedabad from any GoG approved schedule banks (not being a co-operative Bank) or

10.2

Bank Guarantee, issued by bank approved by GoG (except Co-op Bank) only in India valid for a period of not less than 3 (three) months beyond the completion of work . Further Bank Guarantee will be extended from time to time as per requirement of GMDC Science & Research Centre.

If the successful bidder does not pay security deposit or does not carryout the job assigned as per work order or does not fulfill any of the terms & conditions of this tender, Earnest money deposit/ Security Deposit paid by such Successful Bidder shall be liable to be forfeited. Security Deposit paid will be refunded within 60 days after completion of work to the entire satisfaction of GMDC and submission of No Demand Certificate, Work Completion Certificate etc.

Earnest Money/Security Deposit will not bear any interest.

11.0 GST :

If applicable and payable by the **Successful Bidder**. GST shall be reimbursed by GSRC at actual subject to submission of documentary proof. This shall be subject to submission of documentary proof clearly mentioning the name of work and respective RA Bill No.

12.0 RATES :

The Bidder has to quote parameters wise rates in price bids. **The bidder has to quote rates inclusive of all applicable taxes except GST as per format of price bid.**

Any other fresh imposition or variation in existing taxes or levies during the currency of the contract by the Govt. if applicable and payable by the successful bidder shall be reimbursed by GMDC SC & RC at actual subject submission of documentary proof having remitted/adjusted the same and to the extent directly related to services render by the successful bidder under this contract.

The evaluation of offers will be made on the basis of technical capability and the lowest offer received for the entire work.

GMDC Science & Research Centre reserves the right to accept or overlook or reject any lower offer and / or split the work between more than one bidders without assigning any reason thereof.

The bidder is required to quote the rate strictly as per the terms and conditions mentioned in the tender documents. **The conditional tender will not be entertained and will be rejected.**

13.0 ACCEPTANCE OF GENERAL TERMS AND CONDITIONS :

The successful bidder shall unconditionally accept all the terms and conditions of the tender by signing on each page of the technical bid document of the tender including the annexures.

14.0 ACCEPTANCE OF LOI :

If the successful bidder does not accept the Letter of Intent issued by GMDC SC & RC within one week from the date of its receipt then, the EMD paid by him will be forfeited.

14.10 CONTRACT AGREEMENT :

Successful bidder has to enter into an agreement within 7 (Seven) days of the receipt of LOI with GMDC on appropriate Stamp paper (to be provided your company) in token of acceptance of the terms and conditions of the contract. In case of failure , the contract is liable to be terminated and the Security Deposit may be forfeited .

15.0 COMMENCEMENT OF WORK & DEVELOPMENT OF CAPACITY :

The successful bidder will have to start the work within 15 days from the date of receipt of the Letter of Intent. In case of failure to commence the work within 15 days of the date from receipt of the LOI, the contract may be terminated, and EMD shall be forfeited at the discretion of GMDC SC & RC.

16.0 LOCAL FACILITIES / LOCAL CONDITIONS :

GMDC Sc.& R C do not undertake or agree to provide any facilities to the successful bidder at the work site. However, the successful bidder has to make his own independent arrangements. Tools, tackles, machinery, equipment, pumps etc. and the manpower required to execute the contract shall be arranged by the successful bidder only.

17.0 MODE OF PAYMENT :

1. No advance payment shall be made for the analysis.
2. 70% payment will be released against the RA bill along with necessary documents/certificates submitted after completion of exploratory tube well and observation well .
3. Balance 20% on submission of final Hydrological report as per requirement of GMDC S & RC .
4. Balance 10% will be released after getting environment clearance for production enhancement capacity. It is for new block or for existing block how this will work

18.0 STATUTORY OBLIGATIONS :

a) The successful Bidder shall be responsible for arranging requisite manpower, and shall also fulfill the provisions of Labour laws Labour Laws etc., pertaining to employment of labour and other statutes in force from time to time.

b) If any amount becomes payable by GMDC SC & RC as a result of any claim or application due to non compliance of the provision of any Act or Rule or Regulations, By-laws or the Orders made there under, applicable from time to time , such amounts shall be recoverable from the successful bidder.

c) The successful bidder shall indemnify GMDC SC & RC against any claim, compensation, damage, loss, penalty etc. for breach and / or non-fulfillment of the prevailing Rules and Regulations and other statutory provisions in force from time to time and applicable to the work during the currency of contract.

19.0 LIQUIDATED DAMAGES (LD) :

If the successful bidder fails to complete the work as per requirement of GMDC SC & RC within prescribed time schedule **8 months** from date of commencement of work) then liquidated damages @0.5% of total contract value per week subject to maximum 10% of the total contract value is **leviable**.

If Successful Bidder fails to commence the work within 15 days of receipt of LOI, then GMDC SC & RC can forfeit the EMD and shall be free to have the work executed at the risk and cost of the successful bidder.

20.0 BLACK LISTING OF THE BIDDER :

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

21.0 NON FULFILMENT OF TERMS & CONDITIONS AND TERMINATION OF THE CONTRACT :

If the successful bidder fails to carry out the work as per terms and conditions of the contract to the satisfaction of GMDC SC & RC, GMDC SC & RC shall be entitled to terminate the contract and forfeit the security deposit paid by the successful bidder. This however, shall not absolve the successful bidder from his obligation to fulfill the contract. In such event, GMDC SC & RC shall have the right to complete and / or to get the work completed at the cost & risk of the Successful bidder.

Likewise, if the successful bidder does not fulfill the terms and conditions of the contract and does not carry out the work up to the entire satisfaction of GMDC SC & RC, GMDC SC & RC has the right to forthwith terminate the successful bidder at its sole discretion, without assigning any reason. Under such events, GMDC SC & RC shall be entitled to forfeit the security deposit paid by the Contractor and GMDC SC & RC shall have a right to complete the work and / or to get the work completed at the risk and cost of the Successful bidder.

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

22.0 GENERAL CONDITIONS :

a) For any dispute arising out of this tender or interpretation of any terms thereof, the decision of GMDC SC & RC, shall be final and binding upon the successful bidder.

b) In case of any Central/State Government directives regarding execution of work related thereto, the same shall have to be strictly adhered to and shall be binding upon the successful bidder, for which GMDC SC & RC will not be responsible for any compensation.

23.0 DISPUTES RESOLUTIONS :

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

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

24.0 JURISDICTION

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

25.0 FORCE MEJEURE :

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.
- iii. The successful bidder will advise, in the event of his having resort to this clause by a registered letter duly certified by the statutory authorities, the beginning and end of the cause of delay, within fifteen days of the occurrence and cessation of such Force Majeure condition. In the event of delay lasting over two months, if arising out of Force Majeure, the contract may be terminated at the discretion of the GMDC Sc & R C.

iv. For delay arising out of Force Majeure, the successful bidder will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of force Majeure and neither GMDC Sc & R C nor the successful bidder shall be liable to pay extra costs (like increase in rates, remobilization, advance, idle charges for labour and machinery etc.) provided it is mutually established that the Force Majeure conditions did actually exist.

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

The successful bidder of the GMDC Sc & R C shall not be liable for delays in performing his obligations resulting from any force majeure cause as referred to and/ or defined above. The date of completion will, subject to hereinafter provided, be extended by a reasonable time given though such cause any occur after contractor's performance of his obligations has been delayed for other causes.

26.0 LIST OF DOCUMENTS TO BE ENCLOSED WITH THE TENDER :

DOCUMENTS TO BE ENCLOSED WITH TECHNICAL BID

- 1) Earnest Money deposit for the value as indicated in the EOI
- 2) Status of the Bidder, with documentary proof
- 3) Details of the work carried out with copy of final bill Details of Man power with document evidence
- 4) Declaration in prescribed format on the letter head of the bidder that they have not been black listed
- 5) Tender document duly signed by contractor on each page
- 6) Copy of the annual account duly certified by CA.
- 7) Affidavit regarding Genuiness of the documents submitted with the bid.

27.0 PRICE BID :

Bidders have to submit price as per the specified price bid in this tender through e-tendering only. (Price bid submitted physically shall be rejected out rightly.)

Annex- A

DETAILS OF Exploratory Tube well drilling WORK CARRIED OUT BY THE BIDDER

| Sr. No. | Contract No and date | Client | Details of Work | Order Value in Rs | Completion period as per contract | Actual date Of Completion | Remarks |
|---------|----------------------|--------|-----------------|-------------------|-----------------------------------|---------------------------|---------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Bidder has to attach copy of the Work order & Work completion certificate
Details submitted without copy of the work order & work completion certificate will not be considered

Details of the Bidders

| | |
|---|--|
| Parameters | |
| Name of the party | |
| Contact Person | |
| e-mail address | |
| Address | |
| Contact no | |
| Financial evaluation | |
| Tender fee | |
| EMD | |
| Turn over of the company | |
| Net profit of the company for (Bidder has to submit copy of the balance sheet) | |
| 2017-18 | |
| 2016-17 | |
| 2015-16 | |
| No of Hydrological report prepared along with work value (Bidder has to submit copy of the work order and work completion certificate) | |
| Man –power details | |
| No of Geologist / Geo physics with M.SC Degree | |
| Other man power | |

DECLARATION

(On letter head of the Bidder)

FROM:

DATE:

To,

**Dy.General Manager (Geology)
GMDC Science & Research Center
"KhanijBhavan",
6th Floor , 132 ft. Ring Road, University Ground, Vastrapur,
Ahmedabad-380015**

Dear Sir,

I/we here by solemnly declare that any of our Directors or Partners, jointly or severally and/or individually or our firm/company have not been black listed by the Central Govt. or the State Govt. or its undertakings. I/we here by further declare that, if the declaration is found untrue, the GMDC S & RC shall be entitled to take any action against us severally and/or individually or our firm/company in this regard in any manner that may be deemed fit by GMDC S & RC. Yours faithfully,

Signature and Stamp of the contractor

E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19

**E- TENDER TO CARRY OUT
HYDROLOGICAL INVESTIGATION
AND
CONSTRUCTION OF EXPLORATORY TUBEWELL AND OBSERVATION WELLS
AT
VALIA LIGNITE BLOCK AND DAMLAI – PADAL LIGNITE BLOCKS
IN
BHARUCH DISTRICT OF GUJARAT
THROUGH REPUTED HYDRO-GEOLOGIST/CONSULTANT/CONTRACTOR**

(PRICE BID – PART-II)



GMDC Science & Research Centre

KhanijBhavan, 6th Floor, "A" Tower, 132 ft Ring Road,
Near University Ground, Vastrapur, Ahmedabad –380 052
Telephone: 27912760, 27913200 Fax: 27911454
Email : geo@gmdcltd.com

PRICE BID

E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19

Subject : To prepare Hydrological report and Construction of Exploratory Tubewell and Observation Well At Valia Lignite Block & Damlai-Padal Lignite block in Bharuch Dist.

A. Hydrological Report :

| Sr.No. | Particulars | Lumpsum Amount (in Rs.) | Lumpsum Amount (in Rs.) |
|--------|--|--|---|
| | | For Valia Lignite Block – Bharuch Dist. | For Damlai-Padal Lignite Block – Bharuch Dist. |
| 1 | Study and evaluation of earlier reports, data prepared by different agencies like GMDC, CGWB, GWRDC , CGM etc. | | |
| 2 | Survey and data collection of core and buffer zone for existing open wells, tubewells, etc. Well lithology, aquifer characteristics, water table depth | | |
| 3 | Collection of required no. of samples for surface and ground water and its analysis | | |
| 4 | Long duration pumping test on the tubewell of GMDC to identify the existing aquifer characteristics like T,S, Permeability etc (electricity will be provided by GMDC, all other arrangements of LDP may be made by consultant) | | |
| 5 | Impact of mining of existing ground water regime of the area with radius of influence | | |
| 6 | Preparation of detailed hydrological report covering all above study. | | |
| | Total | | |

B. Construction of exploratory tubewell (1 no. per Block)

| Sr.No. | Particulars | Quantity | Rate (in Rs.) | Total Amount (in Rs.) | Total Amount (in Rs.) |
|--------|---|---------------------|---------------|---|--|
| | | | | For Valia Lignite Block – Bharuch Dist. | For Damlai-Padal Lignite Block – Bharuch Dist. |
| 1 | Drilling charges of 500 mm dia borehole in all type of soil comprising of loose, unconsolidated strata including lowering & welding of pipe assembly and gravel packing | 150 Met for Bharuch | Rate per met | | |
| 2 | Supply of 300 mm dia MS casing of 6.00 dia thickness with ISI mark | | Rate per met | | |
| 3 | Charges for slot cutting on pipes | 50 met | Lumpsum | | |
| 4 | Development of tubewell by using suitable air compressor up to 10 hrs. | | Lumpsum | | |
| 6 | Development of tubewell by using suitable air compressor beyond 10 hrs. | | | | |
| 7 | Development of tubewell by submersible pump set upto 12 hrs. | 1 job | Lumpsum | | |
| 8 | Development of tubewell by submersible pump set beyond 12 hrs. | | Lumpsum | | |
| | Total | | | | |

C. Construction of Observation well (2 no. per Block)

| Sr.No. | Particulars | Quantity | Rate (in Rs.) | Amount (in Rs.) | |
|--------|---|---------------------|---------------|---|--|
| | | | | For Valia Lignite Block – Bharuch Dist. | For Damlai-Padal Lignite Block – Bharuch Dist. |
| 1 | Drilling charges of 300 mm dia borehole in all type of soil comprising of loose, unconsolidated strata including lowering & welding of pipe assembly and gravel packing | 150 Met for Bharuch | Per met | | |
| 2 | Supply of 125 mm dia MS casing of 5.0 mm thickness with ISI mark | 150 Met for Bharuch | | | |
| 3 | Charges for Slot cutting on pipes | 50 met | Lumpsum | | |

| | | | | | |
|---|--|--|---------|--|--|
| 4 | Development of tubewell by using suitable air compressor up to 8 hrs. | | Lumpsum | | |
| 5 | Development of tubewell by using suitable air compressor beyond 10 hrs. | | Lumpsum | | |
| 6 | Development of tubewell by submersible pump set up to 10 hrs. | | Lumpsum | | |
| 7 | Development of tubewell by submersible pump set beyond 10 hrs. | | Lumpsum | | |
| | Total | | | | |

Note : Quoted rate includes all taxes except GST.

GST :

If applicable and payable by the successful bidder, GST shall be reimbursed by GMDC SC & RC at actual subject to submission of documentary proof of having remitted / adjusted the GST and to the extent directly related to the services rendered by the successful bidder under the contract. This shall be subject to submission of documentary proof clearly mentioning the name of work and respective RA Bill No.

GMDC SC & RC reserves the right to reject any or all the TENDER or Split the work between more than one bidders without Assigning any reason thereof.

Signature and Stamp of the contractor

Draft

E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 04/18-19

e-Tenders are invited from experience party to carry out “ HYDROLOGICAL INVESTIGATION AND CONSTRUCTION OF EXPLORATORY TUBEWELL AND OBSERVATION WELLS AT VALIA LIGNITE BLOCK AND DAMLAI – PADAL LIGNITE BLOCK IN BHARUCH DISTRICT OF GUJARAT “

Fo more Details visit our website : www.gmdcltd.com and <http://www.nprocure.com>

**Head of the Department (Geology)
(Dy.GM – Geology)**