

**E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 03/18-19**

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

**(TECHNICAL BID – PART-I)**



**GMDC Science & Research Centre  
Khanij Bhavan, 6<sup>th</sup> Floor, “A” Tower, 132 ft Ring Road,  
Near University Ground, Vastrapur, Ahmedabad –380 052  
Telephone: 27912356, 27913200 Fax: 27911454,27913038**



**GMDC Science & Research Centre**

**E- Tender No – GMDC SC & RC/Geology/hydrology-lignite block/ 03/18-19**

Work Description	:	Hydrological investigation and construction of exploratory tubewell and observation wells at valia and damlai-padal Lignite Blocks in Bharuch District of Gujarat
Period of contract	:	Eight months from date of LOI
Tender Fee	:	Rs. 3,000/- by DD/ pay order in favour of GMDC Sci & research center Ltd Payable at Ahmedabad.
EMD	:	Rs. 3,00,000/- (Rs Three lacs only)
Availability of tender document	:	On website <a href="http://www.gmdcltd.com">www.gmdcltd.com</a> & <a href="https://www.nprocure.com">https://www.nprocure.com</a> & <a href="http://www.gmdc.nprocure.com">www.gmdc.nprocure.com</a>
Last date & Time of downloading the tender	:	03 /05/18 : 12.00 Hrs.
Last date & time of online submission of bid	:	03 /05/2018 15.00 Hrs.
Last date & time of submission of tender fees, EMD & all necessary documents	:	03 /05/2018, 16.00 Hrs. at GMDC Sci & RC. GMDC office "Khanij Bhavan", 6 <sup>th</sup> Floor, 'A' Wing, 132 ft Ring Road, Nr. University Ground, Vastrapur, Ahmedabad – 380 052
Date & time for on-line opening of technical bid	:	03/05/2018 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](http://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. No physical submission of price and technical bid will be entertained as it should be furnished on-line only. Also no fax, e-mail, letters will be entertained for the same.**
3. Following should be submitted 'off-line' in sealed covers separately at our Corporate Office, Ahmedabad.  
  
[1] Tender 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

The General Manager (Geo)  
Gujarat Mineral Development Corporation Ltd,  
Khanij Bhavan, 132 ft. Ring Road,  
Near University Ground, Vastrapur,  
Ahmedabad.

Subject: **Tender No. GMDC SC & RC/Geology/hydrology-lignite block/ 03/18-19**

Hydrological investigation and construction of exploratory tubewell And observation wells at Valia & 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 tubewell and observation well to the entire satisfaction of the GMDC S & RC.

Thanking you,

Yours faithfully,

(Authorized signatory)

**GMDC Science & Research Centre  
Khanij Bhavan, 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 :**

**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	21 39 49.97476N	073 12 47.94130E	315123.6995	2396688.5137
2	Damlai Padal	21 39 50.62334N	073 12 48.25541E	315132.9599	2396708.3575
3	Damlai Padal	21 39 50.99011N	073 12 46.36428E	315078.7202	2396720.2638
4	Damlai Padal	21 39 52.35893N	073 12 45.65718E	315058.8764	2396762.5972
5	Damlai Padal	21 39 55.27752N	073 12 45.06903E	315043.0014	2396852.5557
6	Damlai Padal	21 40 29.02249N	073 13 07.47225E	315699.0000	2397883.0000
7	Damlai Padal	21 40 34.64134N	073 12 30.66932E	314643.0000	2398068.0000
8	Damlai Padal	21 41 20.60892N	073 12 23.97811E	314467.0000	2399484.0000
9	Damlai Padal	21 42 06.08523N	073 12 56.77288E	315425.7852	2400871.7835
10	Damlai Padal	21 42 05.78000N	073 13 45.34094E	316821.6285	2400846.3772
11	Damlai Padal	21 42 06.12153N	073 14 17.39058E	317742.9201	2400846.3772
12	Damlai Padal	21 41 01.70177N	073 14 18.17423E	317742.9201	2398864.8529

13	Damlai Padal	21 40 58.22431N	073 14 25.30996E	317946.8264	2398755.5722
14	Damlai Padal	21 39 29.13203N	073 14 26.42918E	317947.9201	2396015.1298
15	Damlai Padal	21 39 28.39985N	073 13 17.65544E	315970.3679	2396015.1478
16	Damlai Padal	21 39 28.30211N	073 13 12.54917E	315823.5238	2396013.8249
17	Damlai Padal	21 39 27.32140N	073 13 09.34029E	315730.9195	2395984.7206
18	Damlai Padal	21 39 28.73573N	073 13 08.86280E	315717.6903	2396028.3770
19	Damlai Padal	21 39 28.19792N	073 13 06.84482E	315659.4818	2396012.5019
20	Damlai Padal	21 39 29.44120N	073 13 06.46145E	315648.8985	2396050.8666
21	Damlai Padal	21 39 30.24259N	073 13 00.97602E	315491.4711	2396077.3250
22	Damlai Padal	21 39 32.92293N	073 12 58.22828E	315413..4188	2396160.6689
23	Damlai Padal	21 39 34.72233N	073 12 53.55878E	315279.8040	2396217.5544
24	Damlai Padal	21 39 34.53199N	073 12 51.85862E	315230.8560	2396212.2628
25	Damlai Padal	21 39 35.91305N	073 12 44.29537E	315013.8972	2396257.2420
26	Damlai Padal	21 39 40.85302N	073 12 43.68232E	314998.0222	2396409.3777
27	Damlai Padal	21 39 44.95958N	073 12 45.56431E	315053.5848	2396535.0551
28	Damlai Padal	21 39 46.61865N	073 12 47.84460E	315119.7307	2396585.3260
29	Damlai Padal	21 39 49.97476N	073 12 47.94130E	315123.6995	2396688.5137

**Boundary co-ordinate details of Valia lignite block – Total block area = 3015 hect**

FID	Block Name	DMS		UTM in Mts.	
		Latitude	Longitude	X	Y
1	EFG	21 31 22.28889N	073 14 41.33001E	318207.4945	2381037.3321
2	EFG	21 31 21.18123N	073 12 56.89524E	315201.7356	2381037.3321
3	EFG	21 31 33.70619N	073 11 09.16968E	312106.0989	2381458.2713
4	EFG	21 34 15.74893N	073 14 10.10601E	317369.2858	2386382.2458
5	EFG	21 34 18.00234N	073 13 51.69235E	316840.3499	2386457.5563
6	EFG	21 35 37.12613N	073 14 29.41065E	317952.9034	2388878.7391
7	EFG	21 35 29.90499N	073 15 20.80179E	319428.5925	2388640.0188
8	EFG	21 35 29.95962N	073 15 26.01606E	319578.5925	2388640.0188
9	EFG	21 32 30.58651N	073 15 28.16039E	319578.5925	2383122.7190
10	EFG	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 in this area. After completion of exploration work GMDC is planning to prepare Mine plan and also wants to apply for environment Clearances application. For both this work Hydrological data / report are essential and as such

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, tubewells 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 tubewell 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.

Comment [PB1]:

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 :**

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 : (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

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 Duccan 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) Eligibility Criteria :**

**a) Experience :**

Experience in preparation of hydrological report and construction of exploratory tubewell and observation well (Estimated cost Rs 1 crore)

Three similar completed work (**preparation of hydrological report and construction of exploratory tubewell and observation well**) costing not less than the amount equal to 40% of the estimated cost in last seven years

**Or**

Two similar completed work(**preparation of hydrological report and construction of exploratory tubewell and observation well**) costing not less than the amount equal to 50% of the estimated cost in last seven years

**Or**

one similar completed work (**preparation of hydrological report and construction of exploratory tubewell and observation well**) costing not less than the amount equal to 80% of the estimated cost in last seven years

**b) Technical Manpower**

One No of M.SC Geology/Geo-physist degree & 4 years experience in hydrological work :

**c) Average Annual turnover ended on 31/3/2017**

Not less than 30 Lacs

**5) 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.

**6) 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.**

**7) 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 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 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.
  - **Price –bid**  
To be submitted on line before the stipulated time.
- b) **If the Tender 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 GMDCS&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.**

**8) OPENING OF BIDS**

- a. E-tendering procedure.
- b. Technical bids will be opened after verification of receipt of payment towards Tender Fee and EMD. The bidders will 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.

**9) 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](http://www.gmdcltd.com) , <https://nprocure.com> only. The bidders are therefore advised to refer to this site form time to time to keep them updated.

**10) Earnest Money Deposit :**

10.1 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.

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

10.4 The unsuccessful bidders will be refunded the EMD amount 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.

10.5 The EMD of the successful bidders 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

10.6 If the party does not accept the work order issue by GMDC SC & RC then EMD amount paid by the successful bidder will be forfeited.

**11) 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

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
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 proposed validity of bid. 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 our work order or does not fulfill any of the terms & conditions of this tender, Earnest money deposit/ Security Deposit paid by such bidder shall be liable to be forfeited.

Security Deposit paid will be refunded within 60 days after the execution of the work order satisfactorily. Earnest Money/Security Deposit will not bear any interest.

**12) GST,**

if applicable and payable by the Contractor, 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.

**13) RATES:**

The Bidder has to quote parameters wise rates in price bids. **The successful 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 reimbursement by GMDC SC & RC at actual subject submission of documentary proof having remitted/adjusted the same and to

the extend 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.**

**14) 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.

**15) 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

**16) 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.

**17) LOCAL FACILITIES / LOCAL CONDITIONS**

GMDC SC & RC 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.

**18) MODE OF PAYMENT:**

1. No advance payment shall be made for the analysis
2. 70% payment will be released against the RA bill. 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.

**19) 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.

**20) LIQUIDATED DAMAGES( L.D.)**

If the successful bidder fails to complete the work as per requirement of GMDC SC & RC within prescribed time schedule ( i..e 18 months for date of commencement of work) then liquidated damages @0.5% per week subject to maximum 10% of the total contract value is leviable and 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 through third party at the risk and cost of the successful bidder in addition.

**21) 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.

**22) NON FULFILMENT OF TERMS & CONDITION 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.

**23) GENERAL CONDITONS**

- 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.

## **24) DISPUTES RESOLUTION & JURISDICTION**

*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.*

*"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".*

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

## **25) FORCE MAJEURE**

Force majeure is here in defined as natural phenomena such as floods, cyclone, earthquakes and epidemics, declaration of war, accidents etc. In such conditions of force majeure both the parties can claim force majeure but they are obliged to inform the either party within 7 days in writing of the date of commencing and again ending of the force majeure. Under the circumstances of force majeure, the contract terms of quantum of work and period shall be extended by period equivalent to the loss of time due to force majeure.

The decision regarding the occurrence of force majeure to be considered shall be taken jointly by Successful bidder and **GMDC SC & RC**.

Period of such time loss due to force majeure will be considered for reducing the monthly target for calculating the liquidated damages for the respective month in which such force major has occurred.

**26) 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
- 6) Tender document duly signed by contractor on each page
- 7) Copy of the annual account duly certified by CA.

**27) PRICE BID**

Bidders have to submit price as per the specified price bid in this tender through e-tendering only.(NO physical submission of price bid)

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

<b>Sr No</b>	<b>Contract No and date</b>	<b>Client</b>	<b>Details of Work</b>	<b>Order Value in Rs</b>	<b>Completion period as per contract</b>	<b>Actual date Of Completion</b>	<b>Remarks</b>

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

Annex - B

**Details of the Bidders**

Parameters	
Name of the party	
Contact Person	
e-mail address	
Address	
Contact no	
<b>Financial evaluation</b>	
Tender fee	
EMD	
Turn over of the company	
Net profit of the company for (Bidder has to submit copy of the balance sheet)	
2016-17	
2015-16	
2014-15	
<b>No of Hydrological report prepared along with work value (Bidder has to submit copy of the work order and work completion certificate)</b>	
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,

The Managing Director,  
Gujarat Mineral Development Corporation Ltd.,  
"Khanij Bhavan", 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/ 03/18-19**

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

(PRICE BID – PART-II)



**GMDC Science & Research Centre**

**Khanij Bhavan, 6<sup>th</sup> Floor, "A" Tower, 132 ft Ring Road,  
Near University Ground, Vastrapur, Ahmedabad –380 052  
Telephone: 27912356, 27913200 Fax: 27911454,27913038**

**PRICE BID**Tender No – **GMDC SC & RC/Geology/hydrology-lignite block/ 03/18-19**

**Subject :** To prepare Hydrological report and Construction of Exploratory Tubewell and Observation Well At Panandhro Ext & Bharkhan dam lignite block in kutch and Ghala lignite block in Surat

**A. Hydrological Report :**

Sr.No.	Particulars	Lumpsum Amount (in Rs.)	
		For Damlai – Padal block	For Valia Block lignite block
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.)	
				For Damlai – Padal Block	For Valia Block
1	Drilling charges per meter of 500 mm dia borehole in all type of soil comprising of loose, unconsolidated strata including lowering & welding of pipe assembly and gravel packing	Maximum 175 meters	Rate per met		
2	Per meter 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		
	Development of tubewell by using suitable air compressor <b>beyond</b> 10 hrs.				
5	Development of tubewell by submersible pump set upto 12 hrs.	1 job	Lumpsum		
	Development of tubewell by submersible pump set <b>beyond</b> 12 hrs.		Lumpsum		
	Total				

**C. Construction of Observation well (2 Nos Maximum per block)**

Sr.No.	Particulars	Quantity	Rate (in Rs.)	Amount (in Rs.)	
				For Damlai – Padal Block	For Valia Block
1	Drilling charges per meter of 300 mm dia borehole in all type of soil comprising of loose, unconsolidated strata including lowering & welding of pipe assembly and gravel packing	175 Meter Maximum	Per met		
2	Per meter Supply of 125 mm dia MS casing of 5.0 mm thickness with ISI mark	175 Meter Maximum			
3	Charges for Slot cutting on pipes	50 met	Lumpsum		
4	Development of tubewell by using suitable air compressor up to 8 hrs.		Lumpsum		
	Development of tubewell by using suitable air compressor <b>beyond</b> 10 hrs.		Lumpsum		
5	Development of tubewell by submersible pump set up to 10		Lumpsum		

	hrs.				
	Development of tubewell by submersible pump set <b>beyond</b> 10 hrs.		Lumpsum		
	Total				

**Note :** Quoted rate are except GST.

**GST :**

if applicable and payable by the Contractor, 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.

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

