

**E- TENDER NO – GSRC/GEO/005/ 15-16**

**Tender**

**For**

**Topography survey**

**&**

**DGPS survey of different Lignite blocks**

**in Kutch, Bharuch & Surat district of Gujarat**

**(DGPS survey as per IBM Circular no. N/110913-3-MP-CCOM-V-VII dtd. 6/4/2010)**

**(TECHNICAL BID – PART- I)**



**GMDC Science & Research Centre**

**C/o. GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED**

**Government of Gujarat Enterprise)**

**(CIN no. L14100GJ1963SGC001206)**

**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, 279130**

## **DISCLAIMER**

1. This e-Tender document is intended to give a general description of nature of the work and the quality envisaged for the material, workmanship and the finished product. It is not intended to cover all minute details. The work shall be executed in accordance with best drilling practices and to the complete satisfaction of the GMDC/GSRC.
  
2. The information given in this e-Tender document is given in good faith and meant to serve as a guide to enable the prospective bidders to submit their offer. It is, imperative that the Bidder shall obtain and examine, for himself, all the data, information and particulars required for the satisfactory execution of the work covered under the scope of e-Tender inquiry.
  
3. Neither GSRC nor its employees or consultants shall have any liability to any Bidder or any other person under the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with this Document, or any matter deemed to form part of this document, the award of the work, or the information and any other information supplied by or on behalf of GSRC or its employees, any consultants or otherwise arising in any way from the selection process .

**E-Tender No. GSRC/Geo/ 002/15-16**

Work Description	Topography & DGPS survey of different lignite block areas of GSRC in Kutch, Bharuch & Surat district. State of Gujarat  (DGPS survey , As per IBM Circular no. N/110913-3-MP-CCOM-V-VII dtd. 6/4/2010)
Place of work	Lignite basin around Bharkhan Dam & Panandhro in Lakhpat taluka of Kutch, Village Damlai, Padal & Padvaniya of Jhagadiya taluka of Bharuch district, Village Sodgam, Vithalgam, Vandriya, Pithor, Deheli, Jambugam, Singla, Vagadkhol of Valiya taluka of Bharuch district and village Ghala & Bodhan of Mandvi taluka of Surat district
Period of contract	One year from date of LOI
e-Tender Fee	Rs. 5000/- (Rupees Five Thousand) by DD / Pay order in favour of <b>“GMDC Science &amp; Research Centre” payable at Ahmedabad</b> drawn on nationalized/IDBI/HDFC/ICICI/Axis Bank only
Earnest Money Deposit (EMD)	Rs. 4,00,000 (Rupees Four lakh) only by DD / Pay order in favour of <b>“GMDC Science &amp; Research Centre” payable at Ahmedabad</b> drawn on nationalized/IDBI/HDFC/ICICI/Axis Bank only.
e-Tender document available	1) <a href="http://www.GMDCItd.com">www.GMDCItd.com</a> 2) <a href="https://www.nprocure.com">https://www.nprocure.com</a> 3) <a href="http://www.GMDC.nprocure.com">www.GMDC.nprocure.com</a>
Details of online submission of E-Tender	On or before 30/11/2015 upto 15:00 Hrs
Details of submission of EMD with other necessary supporting documents to GSRC office	On or before 30/11/2015 upto 16:00 Hrs at <b>General Manager (Geo)</b> <b>GSRC, C/o. Gujarat Mineral Development Corporation</b> <b>“Khanij Bhavan”, 7<sup>th</sup> Floor, 132 ft Ring Road,</b> <b>Nr. University Ground, Vastrapur, Ahmedabad – 380 052</b>
Details of online opening of bid	On 30/11/2015 at 16:00 Hrs at <b>GSRC, C/o. Gujarat Mineral Development Corporation</b> <b>“Khanij Bhavan”, 6<sup>th</sup> Floor, ‘A’ Wing, 132 ft Ring Road,</b> <b>Nr. University Ground, Vastrapur, Ahmedabad – 380 052</b>

## Section I

### Introduction

#### 1. Background of the Project

- 1.1. Gujarat Mineral Development Corporation Limited (GMDC), a Government of Gujarat Enterprise, is a pioneer in the field of mining for more than five decades, catering the minerals and solid fuel to the industries based in and outside Gujarat. GSRC's mining activities are spread over Kutch, Jamnagar, Bharuch, Surat, Vadodara and Banaskantha districts of the State. It is currently dealing in minerals like Lignite, Bauxite, Fluorspar, Ball Clays, Manganese and Silica Sand. The Corporation also has 250 MW Lignite based Thermal Power Station at Nani Chher in Kutch. The annual turnover of the Corporation in FY 2015 was about INR 1419 Crores.
- 1.2. GMDC/GSRC is operating six lignite mines, three in Kutch with annual production capacity of about 50 Lakh Tonnes and the other at village Amod in Bharuch district with annual production capacity of 10 Lakh Tonnes. The Tadkeshwar Lignite mine in Surat district is having capacity of 25 Lakh Tonnes. GSRC is also operating Lignite mine at Bhavnagar having production capacity of above 30 Lakh Tonnes. The demand of Lignite is growing fast and the Corporation is planning to double its production in next three years. Recently Ministry of coal has granted three lignite blocks, two in Kutch and one in Surat district to GSRC. In addition another two lignite block in Bharuch district is under consideration for allotment in favour of GSRC. We are planning to carry out topography and DGPS survey in all these lignite blocks.

#### 2. Description of the Work and Location

- 2.1. The Topography Survey & DGPS survey work is to be undertaken in Lignite basin around Bharkhan Dam & Panandhro in Lakhpatt taluka of Kutch, Village Damlai, Padal & Padvaniya of Jhagadiya taluka, Village Sodgam, Vithalgam, Vandriya, Pithor, Deheli, Jambugam, Singla, Vagadkhol of Valiya taluka of Bharuch district and village Ghala & Bodhan of Mandvi taluka of Surat district

Sr.No.	Name of the block/Village	Location Co ordinates		Area in Hect	Approximate Nos of lease boundary DGPS Pillars
		Latitude	Longitude		
01	Panandhro extension Village - Panandhro(Kutch)	23°43'01" to 23°44'58"	68°44'04" to 68°47'29"	1910	1000
02	Bharkandam area(Kutch)	23°25'43" to 23°29'02"	68°41'14" to 68°41'59"	5000	2000
03	Ghala Village Ghala & Bodhan (Surat)	21°20'46" to 21°17'36"	73°02'11" to 73°04'52"	1600	1000
04	South of Rajpardi (Bharuch) (Around Village Damlai, Padal ,Padvaniya of Jhagadiya taluka of Bharuch dist	21°39'43" to 21°42'22"	73°11'36" to 73°14'46"	1400	1000
05	EFG Block (Around Village Sodgam, Vithalgam, Vandriya, Pithor, Deheli, Jambugam,Singla,Vagadkhol of Valiya taluka of Bharuch	21°31'18" to 21°35'51"	73°10'36" to 73°16'02"	3015	1500
Total				12925	6500

## Section II

### Objective and Scope of Work

#### 1. Objective

Gujarat Mineral Development Corporation/GMDC Science & Research center proposes to carry out Topography survey and DGPS survey work in and around Lignite blocks of Bharkhan Dam & Panandhro in Lakhpat taluka of Kutch, Village Damlai, Padal & Padvaniya of Jhagadiya taluka of Bharuch Village Sodgam, Vithalgam, Vandriya, Pithor, Deheli, Jambugam, Singla, Vagadkhol of Valiya taluka of Bharuch and village Ghala & Bodhan of Mandvi taluka of Surat district with following scope of work and with the terms and conditions mentioned in this e-Tender document.

#### A) Topographical Survey

1. The Successful bidder shall carry out the Topographical Survey with reference to permanent Bench Mark (GTS/any other reference Bench Mark to site/sites under survey )by parallel leveling & Total Station and provide final copy in 1 : 1000 or 5000 or 8000 scale . The contour interval shall be 1 to 3 meters

#### 2 Carrying out and setting up of Bench Marks & reference pillars / stones

2.1 The Successful bidder shall carry out Bench Mark by fly-leveling from nearest GTS Bench Mark or available source and establish the same on a permanent Bench Mark at a convenient location at site. All subsequent transfer of levels shall be carried out with respect to this Bench Mark. Successful bidder has to obtain standard benchmarks data from Survey of India, Dehradun / Jodhpur.

2.2 The work shall also include constructing permanent reference pillars at suitable locations as approved by the Site -in-charge. These reference pillars shall be labeled permanently with their respective coordinates and reduced levels for future use. The Bench Mark and reference pillars shall be shown on the survey drawings.

- 2.3 The fly leveling should be carried out using two good quality levels simultaneously. The leveling instruments should always be kept free of collimation error that should be checked and adjusted before start of work every day. A record of adjustments should be kept in the field book.
- 2.4 While carrying bench mark to the project site, levels shall be established on the permanent objects like culverts etc at least on one object in every one km. sufficient description about the objects and levels shall be maintained & mentioned in the survey report to facilitate locating these objects later on.
- 2.5 Carrying out of the Bench Mark shall not be paid for separately. Rates for this should be in-built in the rates for topographical survey work.
- 2.6 Closing error in leveling should be limited to  $12 \sqrt{L}$  mm, where L is the length of the route in kms.

### **3. Topographical survey and mapping:**

- 3.1 Positions, both in plan and elevation, of all natural and artificial features of the area like waterways, railway tracks, trees, cultivation, houses, fences, pucca and kutchra roads including culverts and crossings, foot tracks, other permanent objects like telephone posts and transmission towers etc. are to be established and subsequently shown on survey maps by means of conventional symbols(preferably, symbols of survey of India Maps). All the hills and valleys within the area/areas are to be surveyed and plotted on maps by contours. Necessary leveling work of the entire area/areas to be surveyed and plotted on maps by establishing horizontal location so that location and sketching of contours for the area/areas can be done at specified intervals and in specified scales on maps. Method of survey, contour intervals, etc shall be decided on site in case of steep slopes, dense jungle, etc where grid formation is not possible. Any unusual condition or formations on the ground, locations of rock outcrops (if visible on the surface) and spring / falls, possible aggregate deposits etc shall also be noted and plotted on the maps.

- 3.2 The survey work shall be done with DGPS / “Total Station Equipment” in the following steps:
- i) Establishing horizontal and vertical controls and locating reference grids and bench mark in the area.
  - ii) Surveying for establishing spot levels and plotting contours.
  - iii) Surveying for locating the natural and man made details as described earlier.
- 3.3 The grids (50 met X 50 met) (showing Latitude & Longitude) for the survey work shall be established in N-S & E-W direction (Corresponding to magnetic North)

#### **4. Traversing**

- 4.1 Triangulation or traversing or a combination of the two methods shall be adopted for the purpose of establishing horizontal control and in order to determine the exact relationship between various existing points on ground so that surveys required under the present scope of work and in future may be co-related and tied together.
- 4.2 Total station instruments should be deployed to achieve the specified accuracy of the work. Proper precautions for avoiding graduation errors and other instrumental and personal errors should be scrupulously observed.
- 4.3 From main traverse/triangulation station, subsidiary station shall be established at suitable intervals to cover the entire area. Levels of these stations shall be based on the Bench Mark established in the survey area. Occupying the main & subsidiary stations, all major details shall be surveyed by Total Station instrument.



4.4 The closing error in traverse shall not exceed  $L\sqrt{N}$  seconds total in angular measurement, whichever is less (where L is the least count of the instrument and N is the number of stations).

## **5. Contouring**

5.1 Successful bidder shall carry out spot level surveying at an interval of 1 to 3 meters for contouring the area. Levels shall also be taken on all traverse stations and on salient points located at random over the area (ground points). The contours shall not be just interpolated but properly surveyed on the ground so that features falling between the two successive levels are also picked up. Sufficient points properly distributed over the entire area shall be located and levels taken so that accurate contouring can be done at places of sharp curvature or abrupt change in direction and elevation, points selected shall be close to each other. Salient points on ridge lines and valley lines shall also be measured.

5.2 Transfer of levels shall always start from Main stations whose levels are based on permanent bench mark established in the survey area.

5.3 Each set of features and contours shall be provided in separate layers in the drawing.

## **6. Latitude and Longitude**

6.1 The successful bidder shall tie up the survey grid of areas with latitudes and longitudes.

## **7. Construction of bench mark, reference & grid pillars / stones**

7.1 Bench Marks shall be constructed at specified locations or as per the instructions of Site -in-charge. The reduced level of the top of the pillar shall be engraved clearly on the pillar and shall be painted with

approved make paint. The back filling of the earth is to be done after installing the pillar and engraving the BM value & reference coordinates with respect to survey grid on the BM pillar and reference pillars.

## **8. Preparation & submission of survey maps**

- 8.1 The successful bidder shall submit survey maps of the site to the scale indicating grid lines and contour lines, demarcating all permanent features like roads, railways, waterways, buildings, power lines, natural streams, trees etc. Each area should have two originals one showing spot levels and contours with grid lines and other with grid lines, contour lines and permanent features.
- 8.2 The Mauza and Khasra map of the area should be collected by the Successful bidder from the local revenue authorities and survey grids be superimposed on the maps. The scale of this map should be same as that for the Mauza/Khasra map or as directed by Site -in-Charge.
- 8.3 All the maps and drawings should be prepared in digitized forms using standard computer software like Autocad (latest version) on standard A-0 size polyester base film.

All features and text should be in separate layers and colors to be used shall be got approved by Site -in-charge.

- 8.4 The successful bidder shall submit two copies of all the maps at draft stage for review and approval of the Site -in-charge. After approval, 5 (Five) prints of all the final maps along with a set of the originals on polyester base film shall be submitted. Copies of the maps shall be submitted in proper flappers and original polyester base drawings should be handed over in proper card board covers indicating index of drawings. 10 Copies in CD shall be submitted.

## **9. Submission of field data and report**

- 9.1 Successful bidder shall submit all data pertaining to the survey in original to the Site-in-charge.

- 9.2 Two copies of the draft report shall be submitted on the completion of the field work for review and approval of the Site -in-charge. The report should give the introduction of the site, methodology adopted for surveying the areas, calculation of errors, transfer of Bench Mark, calculation for connecting the areas with latitudes and longitudes and any other calculation required for surveying and preparation of the survey maps.
- 9.3 The Land Use Pattern / survey shall form the part of the Survey Report.
- 9.4 The Land Use survey shall give details about the various types of land e.g. cultivated, private land, Abadi land, Govt. reclassified land, forest land, Gram Samaj land etc. falling within the area surveyed including its ownership types.
- 9.5 The survey shall also include the number of huts, pucca houses, tube wells, lined wells, number of families coming within the area surveyed.
- 9.6 Details of trees (falling in the surveyed area) with their name, numbers and girths shall also form part of the survey report.
- 9.7 The survey report shall also cover the following:
- i) General site observation such as location of access roads, river and nallah courses, irrigation canals, etc.
  - ii) Presence of any well and/or tube well in the site or adjoining areas and water level in them. Details of earlier uses of the site i.e. mining, quarrying, agriculture etc. Existing drainage pattern of the site, possibility of water logging and high flood level of the area.

- 9.8 The Successful bidder shall present the report and drawings duly marking the grids with latitude and longitude (in degree, minutes and seconds). Each grid shall represent length & width in meters. The features of the drawings should be in different colors and all nallahs and rivers, etc shall contain their boundaries in color and different matching colour shall be filled in. The legend should contain all the features and in different layers in Auto CAD. Text for each feature should be in different layers corresponding to their drawing layer. The title and logo shall be as per the format approved by Site -in-charge. Both hard and soft copies shall be prepared and submitted. The ground plan, site plan and topographical and cadastral map shall be surveyed based on 1:1000 scale
- 9.9. 5 copies (Five copies) of Final survey report and Drawings shall be submitted properly bound and printed using good quality paper and material. Three numbers of soft copies of the same shall also be submitted in DVD format.

**B) DGPS survey work :**

- 1 Successful bidder shall carry out DGPS survey and other related work for different lignite blocks in different part of the state. DGPS survey work should be carry out as per IBM circular No. N/110913-3-MP-90-CCOM-V-VII dated 6/4/2010

Sr.No.	Name of the block/Village	Area in Hect	Approximate Nos of lease boundary DGPS Pillars
01	Panandhro extension Village - Panandhro(Kutch)	1910	1000
02	Bharkandam area(Kutch)	5000	2000
03	Ghala Village Ghala & Bodhan (Surat)	1600	1000
04	South of Rajparddi (Bharuch)	1400	1000
05	EFG Block	3015	1500
Total		12925	6500

\* **The numbers of lease boundary POINTS are tentative and may vary while actual survey work**

The proposed scope of work will be as under :

- 1) Survey of all the lease boundary points by using DGPS ( At least 2 hours observation ) and fix up its ground position and preparation of Geo – referenced plan (If required Pillars will be constructed by GSRC)
- 2) The Geo-referenced lease map prepared using DGPS shall be super imposed on vectorised cadastral map.
- 3) In case of Forest areas, the boundary pillar shall be fixed on ground with reference to atleast three permanent ground features in and around mining lease.
- 4) Purchase of latest high resolution Satellite data (cloud free) derived from merging of cartosat - 2 and LISS-IV (scale 1:5000) covering an area of 500 m from the mining lease boundary from NRSC and The Geo-referenced map shall be super imposed on high resolution satellite image.
- 5) Preparation of soft copy of all above map in standard format and digitizes map in shape file which can be imported by any GIS database.

## **2. Responsibility of GSRC/GSRC SCi & RC**

GSRC will provide :

Block area map showing the location of block boundary on Toposheet  
Cadastral map of all the villages covers within the Block area  
Construction of lease boundary Pillars (if required)

## **3. Responsibility of Successful Bidder(s)**

- 3.1. The successful bidder have to carry out Topography survey and DGPS survey as per scope of work of this tender document
- 3.2. If required the successful bidder has to get certified the DGPS survey plans from authorized Government agency as per requirement of IBM/GOI.

- 3.3. The Successful Bidder(s) shall carry out Site preparation, supply of all machineries/instruments, transportation of manpower to the survey site, lodging and boarding, all other consumables, power, Camping, etc.
- 3.4. The Successful Bidder(s) shall provide weekly/monthly progress report covering details of drilling and sampling

#### **4. GENERAL SCOPE OF SERVICES**

- 4.1. The Successful Bidder(s) shall mobilize all the equipment's for the survey within the time schedule.
- 4.2. The Successful Bidder(s) shall deploy his own manpower for the satisfactory completion of the entire scope of work
- 4.3. The Successful Bidder(s) shall make his own arrangement for shifting man power and survey instruments to survey site at his own cost.

## 5. DURATION AND QUANTITY OF WORK

5.1. The period of the contract and monthly target will be as Under:

Nature of work	Time Period of the work	Monthly Target
Topography survey for about 12925 Hect (5 different block) as per terms & condition of e – tender	*One year (Maximum)	1500 Hect for topography survey.
DGPS survey for about **6500 Points (5 different block) as per terms & condition of e – tender		

5.2. \*Actual rainy days and not working conditions days due to rain will not be considered in above time period.

\*\*The numbers of lease boundary pillars are tentative and may be vary while actual survey work

5.3. However, GSRC/GSRC reserves the right to increase or decrease the quantum of the work with advance intimation to the Successful Bidder(s).

5.4. The Successful Bidder(s) shall submit final topography and DGPS survey report within one month period after completion of entire field work.

## **Section III**

### **Instruction to Bidders for Online E-Tendering**

#### **1. EXAMINATION**

- 1.1. The Bidder shall carefully examine the e-Tender document including all amendments/addendum and corrigendum, if issued, and other details relating to the work and acquaint himself fully with all the conditions and matters therein, which may, in any manner, affect the work and the cost thereof.
- 1.2. The Bidder shall be deemed to have obtained all information regarding risks, contingencies, responsibilities and other circumstances which might influence or affect his e-Tender, the progress and performance of the contract and to have taken into account all conditions and matters that may affect his works under this e-Tender and cost thereof.
- 1.3. The Bidder shall be deemed to have visited the drilling site and its surroundings, carefully examined and satisfied himself about the existing site conditions, availability of local facilities, means of transport, water etc. and to have quoted rates, taking into consideration all such conditions and matters, which may, in any manner, affect the work and the cost thereof.
- 1.4. The Bidder shall be deemed to have acquainted himself with all Government, and Labour laws, statutes, regulations, rules or notifications relating to taxes, levies and other charges relating to the work at the site or otherwise as applicable from time to time.
- 1.5. Any neglect or omission or failure on the part of the Bidder in obtaining necessary and reliable information upon the foregoing or any other matter affecting the e-Tender, shall not absolve him of any risk or liabilities or responsibilities for completion of the entire work in accordance with the terms and conditions of the e-Tender document.
- 1.6. Any conditional bid will be rejected outright and no claim whatsoever in respect thereof shall be entertained. The Management of GSRC reserves the right to reject / cancel any or all bids without assigning reasons and to negotiate with any Bidder for more favorable rates.



1.7. Each and every page of the Bid shall be signed by the Bidder with his usual signature. All signatures should be dated and Company's seal shall be affixed below it.

## 2. E-Tender Document

2.1. The e-Tender documents can be downloaded from GSRC's website [www.GSRCLtd.com](http://www.GSRCLtd.com) and [www.nprocure.com](http://www.nprocure.com). The cost of e-Tender documents is to be submitted at the time of submission of supporting document of technical bid in form of the demand draft of Rs. 5000/- as mentioned in e-Tender notice, in the sealed technical bid cover. If the amount mentioned in the DD is found short, the Bid will not be considered for scrutiny and will be out rightly rejected.

## 3. The E-Tender and Offer

3.1. Bid shall be made in **TWO PARTS i.e.,** PART-1-Technical Bid and PART-II - Price Bid. The bidder is requested to submit the bid online at <https://nprocure.com> by the date and time prescribed in the e-Tender:

### A- Part I: Technical Bid

- a) Technical Bid shall be made in two parts.
- b) **Part 1:** Duly filled Form A as mentioned in Annexure 1 of the E-Tender Document and is to be submitted online
- c) **Part 2:** Sealed Envelope super scribed as "**E-Tender No. XXXX, TECHNICAL BID, Name of Work**" shall be submitted to the following address mentioned below on or before the due date. **GSRC shall not be liable for any delay in delivery of the same.**

The General Manager (Geology)  
7<sup>th</sup> Floor, Wing B, GSRC Limited  
"Khanij Bhavan", 132 Ft. Ring Road,  
University Ground, Vastrapur,  
Ahmedabad – 380 052,  
Gujarat, India.

d) Sealed Envelope super scribed as "**e-Tender No. XXXX, TECHNICAL BID, Name of Work**" shall contain the following documents:

- 1) Documents in support of Qualification Criteria, mentioned in Section IV of the E-E-Tender Document

- 2) Demand Draft (DD) of Earnest Money Deposit (EMD) as per Clause 5 of Section V of the E-Tender Document.
  - 3) Demand Draft (DD) of E-Tender Fee as per Clause 2.1 of Section III.
  - 4) Solvency Certificate as per Clause 1 of Section V.
  - 5) Signed copy of E-Tender Document.
  - 6) Declaration that Bidder(s) has not enclosed any conditional offer as per Clause 3 of Section V of the E-Tender Document.
  - 7) Declaration that Bidder(s) have not been blacklisted by any Government Organization as per Clause 4 of Section V of the E-Tender Document.
- e) Bidder(s) should submit the tender fee, EMD and signed copy of e-Tender Document in the desired form as a proof of acceptance of all terms and conditions

**B- Part - II Price-bid**

- a) Bidder(s) are requested to submit the Price Bid online (<https://nprocure.com>) before XX/XX/2015, XX:XX Hrs. The sample format of the Price Bid is given in Annexure 3 for Bidder(s)' reference.
  - b) The Bidder has to submit the Price Quote as per the instructions given in Clause 6 Section V of the E-Tender Document.
  - c) Rate quoted shall remain valid for 180 days from the date of opening of the technical bid, which may be extended unconditionally by GSRC for further period of not more than 60 days. No escalation in the rates will be allowed on any account.
- 3.2. GSRC reserves the right, at its own discretion, to accept or to reject or any/all the Bids partly or fully at any stage of the process and/or modify the process without assigning any reason whatsoever and also to seek additional information from prospective bidders who respond to this e-Tender.

**4. Opening of bids**

- 4.1. Technical bids will be opened after verification of receipt of payment towards Tender fee and EMD. The Bidder(s) will be able to view it on their computers on date and time notified in e-Tender notice.
- 4.2. On verification of the supporting documents, technical qualification of the bidders will be assessed.

- 4.3. Award of work will be intimated to the Successful Bidder(s) through a letter/ e-mail which will be treated as authorization to commence the work.

## **5. General Terms and Conditions**

- 5.1. Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000
- 5.2. Information regarding Digital Certificate (Class III) is given in Section VII of the e-Tender document.
- 5.3. The e-Tender shall be valid for a period of 180 days from the date of opening of tender.
- 5.4. If the Demand Drafts for EMD and tender fee are not found in the Sealed Envelope or if the amounts thereof are found less than the amounts mentioned in e-Tender Document, the tender will not be considered for scrutiny and will be out rightly rejected.

## Section IV

### Qualifying and Evaluation Criteria

1. The Bidder(s) should meet the following Qualification Criteria to be eligible for opening of Price Bid

Sl No.	Parameter	Criteria
1	<b>Experience (Experience in last 7 years i.e., from 31/3/2008 up to 31/03/2015)</b>	<p>Three similar completed DGPS survey work for 2600 lease boundary points/pillars and topography survey work for 5200 Hect</p> <p style="text-align: center;">Or</p> <p>Two similar completed DGPS survey work for 3250 lease boundary points/pillars and topography survey for an area of 7500 Hect</p> <p style="text-align: center;">or</p> <p>One similar completed DGPS survey work for 5200 lease boundary pillars and topography survey of 10400 Hect</p> <p>(Similar work means topography survey as per scope of work of this tender and DGPS survey work for lease boundary points / pillars as per <b>IBM Circular no. N/110913-3-MP-CCOM-V-VII dtd. 6/4/2010 and topography survey work as per this tender</b>)</p> <ul style="list-style-type: none"> <li>•</li> </ul>
2	<b>Possession of DGPS and Total station</b>	<ul style="list-style-type: none"> <li>• Minimum 3 numbers of DGPS and 3 nos of Total station along with required accessories. Bidder has to submit documentary evidence clarifying ownership of the instruments along with technical bid</li> </ul>
3	<b>Technical Employee</b>	<ul style="list-style-type: none"> <li>• Minimum six surveyor/Geologist/Mining Er Geologist having qualifying degree. Bidder has to submit documentary evidence clarifying employment details of the technical employee with bidder/consultant along with technical bid</li> </ul>
4	<b>Financials of Bidder</b>	<ul style="list-style-type: none"> <li>• Average annual turnover of the company in last three fiscal years should be Rs.</li> </ul>

Sl No.	Parameter	Criteria
		<p>40,00,000/- (Rs. Forty lacs only), Bidder has to submit copy of the audited balance sheet along with technical bid.</p> <ul style="list-style-type: none"> <li>• The bidder must have sound financial position so as to buy and deploy additional machinery to meet the targets. It means that the latest audited balance sheet of the bidder must show its net-worth equal to 30% of the cost of additional machinery which the bidder proposes to buy on award of the contract. A certified copy of the balance sheet and copies of the documentary proof for the cost of such machinery must be attached with the technical bid.</li> <li>• Alternatively, the bidder may produce an original copy of the agreement signed with some other individual(s) / party (ies) forming a Joint Venture Company, who would carry out the contract and the JVC parties should jointly own the require numbers of drilling rigs and should jointly have net – worth equal to 30% of the cost of the additional machinery required to be contract work.</li> </ul>

## 6. Evaluation of Tender

- 6.1. The evaluation of offers will be made on the basis of technical capability and the lowest offer received for the entire exploration work.
- 6.2. The GSRC reserves the right to split the work among more than one bidder without assigning any reason thereof.

## **Section V**

### **Instruction to bidders**

#### **1. SOLVENCY CERTIFICATE**

- 1.1. The bidder should submit latest Solvency Certificate for a value of Rs. 5,00,000 (Five lakhs only) issued from any Nationalized Bank with in last 12 months along with the technical bid.

#### **2. ACCEPTANCE OF GENERAL TERMS AND CONDITIONS**

- 2.1. The bidder should unconditionally accept all the terms and conditions of the contract by signing on each page of the technical bid document of the e-Tender including annexures.

#### **3. DECLARATION**

- 3.1. The bidder should give a declaration along with the technical bid that it has not enclosed any conditional offer.

#### **4. BLACK-LISTING OF THE BIDDER**

- 4.1. The Bidder(s) or its directors or partners of JVC should have not been black listed by any Government Organization, nor should any litigation be pending against any of them. The Bidder(s) shall submit declaration to this effect along with the Technical Bid in the format given in Annexure 2 of the E-Tender document. If at any time such Declaration is found false, the Bid shall be rejected or if the Work has already been awarded, it shall be terminated forthwith without payment of any compensation and the EMD/SD will be forfeited.

#### **5. EARNEST MONEY DEPOSIT (EMD)**

- 5.1. A non-interest bearing Earnest Money Deposit of Rs. 4,00,000 /- (Rupees four lakhs) shall be paid only by DD/ Pay order in favour of “**GMDC Science & Research Centre**” drawn on nationalized/IDBI/HDFC/ICICI/Axis Bank only, and enclosed with Technical Bid documents as mentioned in Clause no. 3.1-A-d in Section III of the e-Tender document
- 5.2. The EMD will be valid for a period of not less than 3 (three) months beyond the proposed validity of bid.
- 5.3. Any pending dues against invoice or any other deposit lying with the GSRC will not be adjusted against Earnest Money Deposit.

- 5.4. The Unsuccessful Bidder(s) 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.
- 5.5. The EMD of the Successful bidder(s) shall either be adjusted as a part of security deposit if desired by the Successful Bidder(s) or shall be refunded by way of crossed cheque on receipt of security deposit.
- 5.6. If the Successful Bidder(s) does not accept the Letter of Intent/work order issued by GSRC within two week of its receipt, the amount of the EMD paid by him will be forfeited.

## **6. Price Quotation**

- 6.1. The Bidder shall quote single rate for exploration in Rs. per running meters for all depth & formation in given price bids. The Bidder shall quote rates inclusive of all applicable taxes except service tax as per format of price bid.
- 6.2. Rate quoted shall remain valid for 180 days from the date of opening of the technical bid, which shall have to be extended unconditionally for further maximum of period 60 days, as deem fit by GSRC
- 6.3. The firm rate quoted by the Successful Bidder(s) shall be valid for the entire period of the contract. No escalation in the rates will be allowed on any account.
- 6.4. The rates quoted by the Bidder(s) shall be free from corrections and over writings. Bids containing over writing, erased rate(s), corrections or illegible rates shall be liable for rejection.
- 6.5. Possible nature of rock type in the proposed exploration areas is lignite, different types of Clay , Shale , friable Sand Stone, Conglomerate & lime stone, sandstone etc.

## **7. SERVICE TAX**

- 7.1. Service Tax if applicable, will be paid/adjusted/reimbursed to the Successful Bidder(s) as per the prevailing rates and rules as per service tax act to the extent directly related to the services rendered by the Successful Bidder(s) under the said contract subject to production of documentary proof and Successful Bidder(s) will mention the service tax amount separately in the invoice/bill after considering the abatement, if any.

7.2. Any other fresh imposition or variation in existing taxes or levies, during the Contract period, by the Govt. if applicable and payable by the Successful Bidder(s) shall be reimbursement by GSRC to the extent directly related to services rendered by the Successful Bidder(s) under this contract, subject to submission of documentary proof having remitted/adjusted the same.

## **8. RUNNING ACCOUNT BILLS**

8.1. The Successful Bidder(s) shall submit the monthly Running Account Bills **for completed blocks only** to Head Office, GSRC/GSRC with following documents. In no case bill for uncompleted block shall be made.

(a) Detailed Joint measurement & computation sheets, duly signed by Geologist/surveyor of Successful Bidder(s) and Site Geologist / Project Manager of GSRC.

## **9. SECURITY DEPOSIT**

9.1. The Successful Bidder(s) shall pay security deposit (SD) @ 5% of the total contract value in the following manner.

(a) 2.5% of the total contract value (including EMD) before the commencement of the contract work in form of a Crossed Demand Draft in favor of GSRC. payable at Ahmedabad or a Bank Guarantee, from banks approved by Govt. of Gujarat from time to time (Except Co-operative Bank) in the form and manner acceptable to the GSRC.

(b) The balance 2.5 % amount of the Security Deposit will be recovered from Successful Bidder(s)' Running Account Bills by deducting it at a rate of 5% of Running Account Bill amount and built up till the full amount of Security Deposit is realized

9.2. Security Deposit shall not bear any interest.

9.3. It shall be refunded to the Successful Bidder(s), within a period of three months after satisfactory completion of the work and removal of equipment, tools tackles, camp site etc. and the due fulfillment of all the terms and conditions of the contract including submission of final exploration report. The Successful Bidder(s) shall obtain a certificate to this effect from the General Manager [Project] / Project-in-Charge/ Site Geologist and shall submit the same to the General Manager [Geo] at Ahmedabad who after verification of the fact will arrange for refund of SD.



9.4. GSRC will reserve the right to recover the charges or the penalty from the Security Deposit in the following circumstances-

- (a) If the Successful Bidder(s) or its employees cause any damage or destroy any property belonging to GSRC.
- (b) The shortfall amount of all compensations, penalties and other sums of money payable by the Successful Bidder(s) or recoveries to be made under the terms of this contract, which is due but full amount is not paid by the Successful Bidder(s).

## **10. CONTRACT AGREEMENT**

- 10.1. The Successful Bidder(s) will have to enter into an agreement within 15 (Fifteen) days of the receipt of LOI, with GSRC on appropriate Stamp Paper (to be provided by the Successful Bidder(s)) 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.
- 10.2. The Successful Bidder(s) shall also indemnify GSRC 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 period of contract.

## **11. COMMENCEMENT OF WORK & DEVELOPMENT OF CAPACITY**

- 11.1. The Successful Bidder(s) will have to start the work within 30 (Thirty) days of the date of receipt of the Letter of Intent, by deploying adequate number of man power and other survey instruments/ machineries required to carry out the Work and will have to develop full capacity within 60 days thereafter.
- 11.2. In case of failure to commence the work within 45 days of the date of receipt of the Letter of Intent or in failure to achieve the capacity as per the schedule mentioned in Clause 11.1 of Section V, the contract may be terminated, at the discretion of GSRC and the amount of the EMD paid by him will be forfeited.

## **12. MODE OF PAYMENT**

- 12.1. 90% of the payment, applicable as per Monthly Running Account Bill, will be made from GSRC Head office after submission of Monthly Running Account Bill for completed block .
- 12.2. The final 10% payment will be released from Head Office, GSRC after submission of Exploration Report.

12.3. The Running Account Bills, submitted at Head Office will be processed, after considering following deductions.

- a) Income tax as per provision of Income Tax Act, and other Taxes (and surcharges) applicable in force from time to time
- b) Security Deposit @ 5% of the gross amount of the RA bill as per Clause No.9 of Section V.
- c) If any amount becomes payable, as a result of any claim or application in terms of the provisions or non-compliance of any of the provisions of the Act, Regulations, By-laws or Orders made there under for any compensation, applicable from time to time, for which GSRC is not responsible as per the conditions mentioned in the E-Tender document and Contract of Work, such amounts shall be recovered from the Successful Bidder(s)
- d) Liquidated damages or penalty if any.
- e) Any other applicable deduction.

### **13. JOINT VENTURE**

13.1. In case of joint venture the Bidder(s) shall specify the Lead Partner of the Joint Venture.

13.2. In case of joint venture the Bidder(s) shall specify the name & area of operation of all partners of a joint venture.

13.3. A joint venture company may undertake the contract. Each member/entity of the joint venture company will be responsible for completing the task as per the contract. Joint Venture Company shall comply with the following:

- (a) Documentary evidence of formation of the Joint Venture Company in the form of legal document must be included with the bid.
- (b) In case of joint venture, the Bid shall include all the information regarding capability, experience as required for a Bidder(s) for each partner of a joint venture company. For the purpose of eligibility criteria, credentials of the members of a joint venture company will be considered collectively.
- (c) A party can be a member in only one Joint Venture company. Bids submitted by other Joint Venture companies including the same party as member will be rejected.
- (d) Separate Bid by a member of a Joint Venture company will not be accepted.

- (e) The JV Agreement must include the relationship between joint venture partners in the form of JV Agreement to legally bind all partners jointly and severally for the proposed agreement which should set out the principles for the constitution, operation, responsibilities regarding work and financial arrangements, participation (percentage share in the total) and liabilities ( joint and several ) in respect of each and all of the firms in the joint venture. Such JV Agreement must evidence the commitment of the parties to bid for the facilities applied for (if pre-qualified) and to execute the contract for the facilities if their bid is successful.
- (f) One of the partners responsible for performing a key component of the contract shall be designated as Lead Partner. This authorization shall be evidenced by a Power of Attorney signed by legally authorized signatories of all the partners.
- (g) The JV Agreement must provide that the Lead Partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the Joint Venture and the entire execution of the contract shall be done with active participation of the Lead Partner.
- (h) The contract agreement should be signed jointly by each Joint Venture Partners.
- (i) The J.V. agreement may specify the share of each individual partner for the purpose of execution of this contract. This is required only for the sole purpose of apportioning the value of the contract to that extent to individual partner for subsequent submission in other bids if he intends to do so for the purpose of the qualification in that e-Tender.
- (j) Joint Venture Company can utilize the digital key of any one partner for online submission of the e-tender
- (k) The Successful Bidder(s), if having joint venture firm or entity shall not change its formation, constitution, or construction without prior approval of the GSRC.

#### **14. LOCAL FACILITIES / LOCAL CONDITIONS**

- 14.1. GSRC do not undertake and agree to provide any facilities to the Successful Bidder(s) at the work site. However, the Successful Bidder(s) has to make his own independent arrangements.
- 14.2. The tools, tackles, machinery, equipment, and the manpower required to execute the contract shall be arranged by the Successful Bidder(s) only.

## **15. STATUTORY OBLIGATIONS**

- 15.1. The Successful Bidder(s) shall be responsible for arranging requisite manpower, and shall also fulfill the provisions of Labour laws, Contract Labour Laws etc. if applicable.
- 15.2. The Successful Bidder(s) shall also indemnify the GSRC against any claims, compensations, damages, 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 entire period of the Contract.

## **16. MEASUREMENTS**

- 16.1. Measurements of quantum of work (i.e. Hect) will be carried out in presence of an authorized representative of the Successful Bidder(s) and Site Geologist of GSRC.
- 16.2. Site Geologist/ surveyor of GSRC will look after the entire work and will also certify the same.
- 16.3. This measurement shall be final and binding to the Successful Bidder(s).

## **17. LIQUIDATED DAMAGES**

- 17.1. If the successful Bidder(s) fails to mobilize the machinery and manpower for commencement of the work within (30) days of receipt of Letter of Intent, liquidated damage @ Rs. 10,000/- per day shall be leviable, for a maximum period of 15 days. If the Successful Bidder(s) fails to start work even after 15 days, GSRC shall be free to take any action including forfeit of EMD and termination of Letter of intent at cost and risk of the Successful Bidder(s).
- 17.2. The Liquidated damages shall be leviable after end of every month on the shortfall in the survey area quantity of specified in respect of monthly target, counted from the date of commencement of work till the relevant Running Account Bill period, at the following rates:

<b>Cumulative Shortfall till the Running Account Bill Period</b>	<b>Rate for Liquidated damages for shortfall quantity</b>
Up to 5% of the prescribed cumulative quantity	2 % of the quoted rate of Topography survey.
More than 5% up to 15% of the prescribed cumulative quantity	5 % of the quoted rate of Topography survey..
More than 15% of the prescribed cumulative quantity	7% of the quoted rate of Topography survey.

- (a) The quantity specified in respect of the particular month in the monthly schedule is fundamental requirement and obligation of the bidder.
- (b) Shortfall in the targeted quantity shall be reviewed on cumulative target basis at the end of each running account bill period so that the bidder can recoup and recover the shortfall, if any, during the month of the respective Running Account Bill period.
- (c) **The GSRC reserves right to terminate the contract and get the balance work completed at the cost and risk of the bidder if cumulative short fall is found more than 20% for five consecutive months/ RA Bill period**

## **18. CORRIGENDUM**

18.1. Corrigendum if any shall be display on website [www.nprocure.com](http://www.nprocure.com) only. Please note that there is no provision to take out the list of parties downloading the e-Tender document from the above referred website. As such Bidders are requested to see the website once again before due date of e-Tender opening of ensure that they have not missed any corrigendum uploaded against the said e-Tender after downloading the e-Tender document. The responsibility of downloading the related corrigenda, if any, will be that of the downloading parties.

## **19. GENERAL CONDITIONS**

- 19.1. If the e-Tender document and forms referred to in the offer are not submitted or are submitted but not found duly filled in and unsigned, will result in rejection.
- 19.2. In the event of space being insufficient for furnishing required information, additional sheets may be used and signed.
- 19.3. Canvassing in any form may lead to rejection of the offer.

## **Section VI**

### **Special Terms and Conditions**

#### **1. ARBITRATION**

- 1.1. The Parties shall endeavour, in the first instance, to resolve any dispute, disagreement or difference arising out of or in connection with this Agreement, including any question regarding its interpretation, performance, existence, validity, termination and the rights and liabilities of the Parties to this Agreement (a "Dispute") through good faith negotiations.
- 1.2. All questions, disputes, differences and/or interpretation of agreement 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 and the venue of the arbitration proceedings shall be at Ahmedabad only. The Language of the Arbitration shall be English.

#### **2. JURISDICTION**

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

#### **3. FORCE MAJEURE**

- 3.1. Force majeure is herein defined as any cause which is beyond the control of the Successful Bidder(s) or the GSRC 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:
  - (a) Natural phenomena such as flood, draughts Cyclone, earthquake and epidemics, declaration of war.
  - (b) 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.
- 3.2. The Successful Bidder(s) 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 GSRC.

- 3.3. For delay arising out of Force Majeure, the Successful Bidder(s) 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 Successful Bidder(s) 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.
- 3.4. If any of the Force Majeure conditions exists in the place of operation of the Successful Bidder(s) 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.
- 3.5. The Successful Bidder(s) of the GSRC 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 Successful Bidder(s) performance of his obligations has been delayed for other causes.

#### **4. TERMINATION OF THE CONTRACT**

- 4.1. In case of Successful Bidder(s)'s failure to carry out the work to the satisfaction of GSRC as per terms of the contract, GSRC can at its sole discretion, terminate the contract and/or forfeit the Security Deposit. This will, however, not absolve Successful Bidder(s) from the obligation to fulfill other terms and conditions of the contract. In such a case, the Successful Bidder(s) will have no right whatsoever to claim any compensation for the same. The decision of GSRC in this regard shall be final and binding upon Successful Bidder(s).
- 4.2. In case of any changes in the directives of Central/State Government regarding mining operation / and execution of work related thereto, the same shall have to be strictly adhered to and binding upon Bidder/ Successful Bidder(s) for implementation and GSRC will not be responsible for any losses suffered by the Successful Bidder(s) as a result of such changes. GSRC may terminate this contract at any time by giving seven days' notice to the Successful Bidder(s) without assigning any reason whatsoever.



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

- 5.1. If the Successful Bidder(s) fails to carry out the work as per terms and conditions of the contract to the satisfaction of the GSRC, GSRC shall be entitled to forfeit the security deposit paid by the Successful Bidder(s). This however, shall not absolve the Successful Bidder(s) from his obligation to fulfill the contract. In such event, the GSRC shall have a right to complete and / or to get the work completed at the cost & risk of the Successful Bidder(s) and the Successful Bidder(s) shall be responsible to pay such cost incurred by the GSRC to complete the work and / or to get the work completed.
- 5.2. Likewise, if the Successful Bidder(s) does not fulfill the terms and conditions of the contract and does not carry out the work up to the entire satisfaction of GSRC, GSRC has the right to forthwith terminate the contract at its sole discretion, without assigning any reason, Under such events, the GSRC shall be entitled to forfeit the security deposit paid by the Successful Bidder(s) and the GSRC shall have a right to complete the work and / or to get the work completed at the risk and cost of the Successful Bidder(s).
- 5.3. For any reasons, if it is required, the GSRC 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 Successful Bidder(s) and without incurring any responsibility. For such cases, Successful Bidder(s) 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 GSRC.

## Section VII

### Information Regarding Digital Certificate

1. Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate (Class III) as per Information Technology Act-2000, using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contact (n) code solutions- a division of GNFC Limited, who are licensed Certifying Authority by Government of India at address mentioned below at clause 5.
2. All bids should be digitally signed. For details regarding digital signature certificate and related training involved at the below mentioned address should be contacted:  
  
(n)Procure Cell  
(n)Code solutions A division of GNFC  
403, GNFC Info-Tower, Bodakdev,  
Ahmedabad- 380 054 ( India )  
Tel: +91 26857316/17/18 Fax : +91 79 26857321  
Toll Free: 1800-233-1010  
E-mail: [nprocure@gnvfc.net](mailto:nprocure@gnvfc.net)
3. 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.
4. 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 bid submission.
5. (n) code solutions reserves the rights to issue digital signature certificate after verification of application forms / supporting documents submitted by bidder. (n) code solutions is fully authorized to issue digital signature certificate to bidders.

6. All the bidders who have no facility to participate in online tenders are requested to contact (n) code solutions for the same.
7. 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).
8. 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

**Annexure 1:****Technical Bid****Form - A**

Status of the Tenderer

Sr.No.	Particular	Detail	
1	Name of the Company/individual /society /firm		
2	Address		
3	Phone No.		
4	Fax no.		
5	Email-id		
	Name and mobile no of authorized contact person		
6	<b>Financial evolution</b>		
7	Tender fee (Amount / ch/DD no)		
8	EMD(Amount / ch/DD no)		
9	Turn over of the company (In case of JV turnover of Principal company)		
	2012 - 13		
	2013 - 14		
	2014 - 15		
10	Total experience of DGPS survey and topography survey	DGPS survey No of Points/ pillars	Topography survey in Hect

	2008-09		
	2009 - 10		
	2010-11		
	2011-12		
	2012-13		
	2013-14		
	2014-15		
<b>Status of man power</b>		Nos.	
Surveyor			
Geologist			
Mining Engineer			
Environmental Engineer			
GIS operator/specialist			
Other if any			
Total no. of manpower			
<b>Instrument/ software details</b>			
No.of DGPS instrument			
No. of Total station			
GIS software detail			
Detail about ISO (9001:2008 and its validity)			

- 1. Bidders have to attached hard copy of the balance - sheet, work order & work completion certificate along with above table in physical submission.**
- 2. Without these documents' the offer will not be considered**

**3. Details of Work carried out by the Tenderer in last seven years.**

Sr No	Contract No and date	Client	Details of Work	Order Value in Rs	Completion period as per Contract	Actual date Of Completion

- Bidders have to attached hard copy of the work order & work completion certificate along with above table in physical submission of the tender

**4. Details of Machinery and Manpower deployed for the works executed by the bidder:**

Sr.No.	Make and model no. of DGPS/Total station instrument	Accuracy/ Specification	Year of purchase	Remark
Details about GIS software				

- 5. \* Bidder have to submit copy of the invoice of purchase order for DGSP instrument and GIS software.

Particulars of skilled manpower and software details				
	Name	Qualification	Experience	Total Nos.
<b>Surveyor</b>				
<b>Mining Engineer</b>				
<b>Geologis</b>				
<b>Environmental Engineer</b>				
<b>Others if any</b>				
<b>Computerization / software details</b>				

- **Bidder(s) have to provide documentary evidence for manpower & machinery (with catalog) in physical submission of the Bid.**

**Annexure 2**

**DECLARATION**

(On letter head of the Bidder)

**FROM:** (Name of Bidder)

**DATE:**

To,

The General Manager (Geo),  
Gujarat Mineral Development Corporation  
7<sup>th</sup> Floor -“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 GSRC 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 GSRC.

Yours faithfully,

\_\_\_\_\_  
Signature and Stamp of the Bidder(s)



**E- TENDER NO – GSRC/GEO/005/ 15-16**

**Tender**

**For**

**Topography survey**

**&**

**DGPS survey of different Lignite blocks**

**in Kutch, Bharuch & Surat district of Gujarat**

**(As per IBM Circular no. N/110913-3-MP-CCOM-V-VII dtd. 6/4/2010)**

**(PRICE BID – PART- II)**



**GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED**

**Government of Gujarat Enterprise)**

**(CIN no. L14100GJ1963SGC001206)**

**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, 279130**



## PRICE BID

### Tender NO – GSRC / Geo/005/15-16

Against the above tender for preparation of Topography & DGPS survey of different lignite blocks in Kutch, Bharuch & Surat district State of Gujarat (As per IBM Circular no. N/110913-3-MP-CCOM-V-VII dtd. 6/4/2010) I / We offer our lowest bid as under

Sr No	Nature of work	Rates in Rs (Including all taxes excluding service tax )	Remark
1	Topography survey of different lignite blocks as per scope of work and other terms & conditions of this tender document		Per Hect
2	Survey of all the lease boundary point by using DGPS ( At least 2 hours observation ) and fix up its ground position and preparation of Geo – referenced plan		Per Point/Pillar
3	Superimpose of Geo-referenced lease map on vectorised cadastral map.		Per Hect
4	Purchase of CARTOSAT -2 or LISS- 4 Satellite image from NRSC for lease area and covering an area of 500 meters from the mining lease boundary.  Superimpose Geo-referenced map on high resolution satellite image		Per scene or Per Sq Km  Per Hect

5	<p>All superimposed out put</p> <p>Three Hard copies of Topography survey plan , geo reference cadastral map and copy of satellite image(Original)</p> <p>Soft copy in standard format (CAD format) and digitized maps in shape file</p>		Lumpsum per Block
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**SERVICE TAX:**

Service Tax, **if applicable** and payable by the successful bidder, shall be reimbursed by GSRC at actual subject to submission of documentary proof of having remitted / adjusted the Service Tax 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.

**Dated:** \_\_\_\_\_

**Seal and Signature of Bidder**