

E- TENDER NO – GSRC/GEO/GIS – Kutch/003/ 15-16

TENDER

FOR

GEOLOGICAL MAPPING

(with help of satellite image and GIS techniques)

for identification of bauxite and laterite and other associated mineral deposit

IN

Bhuj,Anjar, Rapar,Bhachau,Mundra,Mandvi, Nakhtrana & Lakhpat Taluka

of

Kutch district

GUJARAT

(TECHNICAL BID)



GMDC Science & Research Centre

C/o GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

(Government of Gujarat Enterprise)

CIN no. L14100GJ1963SGC001206

KHANIJ BHAVAN, 132' RING ROAD, UNIVERSITY GROUND

VASTRAPUR, AHMEDABAD 380 052

Phone No. 079- 27912356 , 26872130, 27913211 Fax no. 079-27911454

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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/GIS - Kutch/ 003/15-16

Work Description	GEOLOGICAL MAPPING (with help of satellite image and GIS techniques) for identification of bauxite and laterite and other associated mineral deposit, The approximate area under survey will be around 3200 Sq Km, However this may vary depending on actual ground condition.
Place of work	Bhuj,Anjar, Rapar,Bhachau,Mundra,Mandvi, Nakhtrana & Lakhpat Taluka of Kutch district GUJARAT
Period of contract	Four months from date of LOI
e-Tender Fee	Rs. 3000/- (Rupees Five Thousand) by DD / Pay order in favour of “GMDC Science & Research Centre” payable at Ahmedabad drawn on nationalized/IDBI/HDFC/ICICI/Axis Bank only
Earnest Money Deposit (EMD)	Rs. 1,00,000 (Rupees one lakh) by DD / Pay order in favour of “GMDC Science & Research Centre” payable at Ahmedabad drawn on nationalized/IDBI/HDFC/ICICI/Axis Bank only or bank guarantee from banks approved by Govt. of Gujarat from time to time (except co-operative bank_ in form & manners acceptable to the Corporation.
e-Tender document available	1) www.GSRCltd.com 2) https://www.nprocure.com 3) www.GSRC.nprocure.com
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 General Manager (Geo) Gujarat Mineral Development Corporation “Khanij Bhavan”, 7th Floor, 132 ft Ring Road, Nr. University Ground, Vastrapur, Ahmedabad – 380 052
Details of online opening of bid	On 30/11/2015 at 16:00 Hrs at Gujarat Mineral Development Corporation “Khanij Bhavan”, 6th Floor, ‘A’ Wing, 132 ft Ring Road, Nr. University Ground, Vastrapur, Ahmedabad – 380 052

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.

M/s. Gujarat Mineral Development Corporation Ltd./ (GSRC), a Govt. of Gujarat Enterprise, having number of bauxite mines in state of Gujarat is considering to put up an alumina plant having capacity of 1.00 mill tone per annum based on bauxite deposit of Kutch and Devbhumi Dwarka district.

Bauxite deposit of Gujarat are known since more than four decades, they occur in district of Kutch, Jamnagar, Junagadh, Amreli, Bhavnagar, Kheda, Bharuch, Sabarkantha & Surat district. Geologically these deposit occur in the lateritic belt lying 20 to 40 km inland and closely follow the trend of the coast line. The lateritic capped low ridges, hillocks and isolated mounds are situated between the older deccan trap formation and younger sedimentary formations of tertiary age, and are 50 to 100 mtr. about mean sea level. This feature in sharp contrast to the bauxite deposits in other part of the country.

M/s. Chemocomplex of Hungary had prepared a comprehensive geological report in 1978 on Kutch bauxite based on exploration made by DGM (Gujarat), GSI and MECL. The entire exploration data were again reassessed by EIL, IBM and MECL depending on the requirement. All these reports mentions additional exploration/test work necessary to convert some of the possible bauxite bearing areas for identifying additional bauxite reserves in Kutch. In view of above GSRC has decided to carry out geological mapping of entire 180 km. long bauxite belt situated in Mandvi, Abdasa, Nakhatarana, Lakhpat, Bhuj and Anjar, Mandvi & Lakhpat taluka of western kutch.

The intension to carry out this geological mapping is to identify bauxite/laterite bearing additional areas in western kutch.

2. Description of the Work and Location

Kutch peninsula is the western most district of Gujarat lying between Gulf of Kutch and kori-creek and has its headquarter at Bhuj about 480 km. from Ahmedabad. The proposed geological work are in **Bhuj, Anjar, Rapar, Bhachau, Mundra, Mandvi, Nakhtrana & Lakhpat Taluka of Kutch district GUJARAT**

Section II

Objective and Scope of Work

1. Objective

Gujarat Mineral Development Corporation/GMDC Science & Research center proposes to carry out Geological mapping with help of satellite image and GIS techniques for identification of bauxite and laterite and other associated mineral deposit in Bhuj, Anjar, Rapar, Bhachau, Mundra, Mandvi, Nakhtrana & Lakhpata Taluka of Kutch district GUJARAT

2. Scope of work :

Bauxite deposit of Gujarat are known since more than four decades, they occur in district of Kutch, Jamnagar, Junagadh, Amreli, Bhavnagar, Kheda, Bharuch, Sabarkantha & Surat district. Geologically these deposit occur in the lateritic belt lying 20 to 40 km inland and closely follow the trend of the coast line. The lateritic capped low ridges, hillocks and isolated mounds are situated between the older deccan trap formation and younger sedimentary formations of tertiary age, and are 50 to 100 mtr. about mean sea level. This feature in sharp contrast to the bauxite deposits in other part of the country.

Geological Mapping

2.1. outworker has to carry out geological mapping using remote sensing techniques and ground truth verification. For this purpose multispectral satellite data has to be procured by Successful bidder. Aster along with other very high resolution satellite data is preferred for this study. Successful bidder has to carry out geological mapping by visual interpretation of satellite images. For visual interpretation on screen digitization in GIS software should be used. Digital Image processing techniques should be used for enhancement of satellite image for identification of various lithounits. Various band combinations has to be checked and best band combination for lithological

identification should be used for visual interpretation. Interpretation key table has to be prepared for all the litho units.

2.2. Geological map prepared using visual interpretation should be verified in the field by ground truth verification. In ground truthing dip and strike measurement of the various lithounits has to be carried out and should be plotted on the map properly.

2.3 Successful bidder have carry out geological mapping in the area and provide geological plan including all surface geological feature, extend of deposit, location of existing mining areas ,old pits, trenches, borehole and if possible section of old mine working if any.

2.4 Geological survey mapping should be on scale of 1:5000

2.5 If any out crop or occurrences are available in the field Successful bidder has to transfer location of bauxite / laterite occurrences on cadastral map

2..7 The cadastral map should be on scale of 1:5000/ 1: 8000.

2.8 The Successful bidder has to also prepared land use pattern/ surface elevation and environmental details plan of the core zone and 5 kilometer buffer zone of all the potential area having bauxite deposit.

3. Responsibility of GSRC/GSRC SCi & RC

GSRC will provide :

Mining Lease area cadastral plan of all the existing and applied leases and Geological report papered by of M/S Chemocomplex of hungery

Responsibility of Successful Bidder(s)

3.1 The successful bidder have to carry out Geological mapping with help of satellite image and GIS techniques for identification of bauxite and laterite and other associated mineral deposit in Bhuj, Anjar, Rapar, Bhachau, Mundra, Mandvi, Nakhtrana & Lakhpat Taluka of Kutch district GUJARAT

3.2 If any out crop or occurrences are available in the field Successful bidder has to transfer location of bauxite / laterite occurrences on cadastral map

The Successful bidder has to also prepared land use pattern/ surface elevation and environmental details plan of the core zone and 5 kilometer buffer zone of all the potential area having bauxite deposit.

3.3 The Successful bidder has to transfer all the existing and applied lease area of GSRC on geological map and also identify potential area for bauxite/laterite or any other mineral deposit

3.4 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.

3.5 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
GEOLOGICAL MAPPING (with help of satellite image and GIS techniques) for identification of bauxite and laterite and other associated mineral deposit in Bhuj, Anjar, Rapar, Bhachau, Mundra, Mandvi, Nakhtrana & Lakhpat Taluka of Kutch district GUJARAT The approximate area under survey will be around **3200 Sq Km,	*Four months (Maximum)	1000 Sq KM .

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

**The area under survey is tentative and may be vary while actual survey work

5.3 However, GMDC/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 Geological 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 GMDC's website www.GMDCLtd.com and 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 outrightly 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)
7th 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	Experience (Experience in last 7 years i.e., from 31/3/2008 up to 31/03/2015)	Three similar completed Geological mapping work for mineral identification as per scope of work of this tender for 1300 Sq Km Or Two similar completed Geological mapping work as for mineral identification per scope of work of this tender for 1600 Sq Km or One similar completed Geological mapping work for mineral identification as per scope of work of this tender for 2500 Sq Km
2	Possession of GIS software	<ul style="list-style-type: none">• The Successful bidder must have license version of suitable GIS software
3	Technical Employee	<ul style="list-style-type: none">• Minimum Six surveyor/Geologist/GIS expert having qualifying degree. Bidder has to submit documentary evidence clarifying employment details of the technical employee with bidder/consultant along with technical bid
4	Financials of Bidder	<ul style="list-style-type: none">• Average annual turnover of the company in last three fiscal years should be Rs. 15,00,000/- (Rs. Fifteen lacs only), Bidder has to submit copy of the audited balance sheet along with technical bid.

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. 2,00,000 (Two lakhs only) issued from any GoG approved bank except co-operative 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. 1,00,000 /- (Rupees one lakh) shall be paid only by DD/ Pay order in favour of **“GMDC Science & Research Centre” payable at Ahmedabad** GoG approved other than co-operative 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

We should include Bank Guarantee as there is a reference of the same in clause

- 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 Geological mapping in Rs. per Sq Km for all 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 extend 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 work** to Head Office, GMDC/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 from 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 from 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 sur-charges) 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. LOCAL FACILITIES / LOCAL CONDITIONS

- 13.1. 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.
- 13.2. The tools, tackles, machinery, equipment, and the manpower required to execute the contract shall be arranged by the Successful Bidder(s) only.

14. STATUTORY OBLIGATIONS

- 14.1. 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.
- 14.2. 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.

15. MEASUREMENTS

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

16. LIQUIDATED DAMAGES

- 16.1. If the Successful Bidder(s) fails to mobilize the machinery and manpower for commencement of the work within (30) days from 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 forfeiture of EMD and termination of Letter of intent at cost and risk of the Successful Bidder(s).
- 16.2. 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:

Cumulative Shortfall till the Running Account Bill Period	Rate for Liquidated damages for shortfall quantity
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 successful 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 successful bidder if cumulative short fall is found more than 20% for two consecutive months/ RA Bill period**

17. CORRIGENDUM

17.1. Corrigendum if any shall be display on website 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.

18. GENERAL CONDITIONS

- 18.1. 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.
- 18.2. In the event of space being insufficient for furnishing required information, additional sheets may be used and signed.
- 18.3. 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 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 arbitration 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 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 he 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
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

Technical Bid**Form - A****Tender NO - GSRC / Geo/GIS-Kutch/ 003/15-16**

Tender for Geological mapping for bauxite in Kutch

Parameters	
Name of the party	
e-mail address	
Address	
Contact person with mobile no	
Financial evolution	
Tender fee	
EMD	
Turn over of the company	
2012-13	
2013-14	
2014-15	
Experience work	
Year wise experience of Geological mapping for identification of minerals in last Seven years.	

2008-09	
2009 - 10	
2010-11	
2011-12	
2012-13	
2013-14	
2014-15	
Status of qualified man power	Geologist - ____ Nos GIS Operators- __Nos Surveyor ____ Nos Others - ____ Nos
Details about GIS based software to carry out this work	
Any specialized GIS based software for Geological plan preparation from Satellite images	

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 GIS software

Sr.No.	Name of GIS software	Accuracy/ Specification	Year of purchase	Remark

*** Bidder have to submit copy of the invoice of purchase order for GIS software.**

Particulars of skilled manpower and software details				
	Name	Qualification	Experience	Total Nos.
Surveyor				
Geologist				
GIS Expert				

Bidder(s) has 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
7th 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/GIS-Kutch/003/ 15-16

TENDER

FOR

GEOLOGICAL MAPPING

(with help of satellite image and GIS techniques)

for identification of bauxite and laterite and other associated mineral deposit

IN

Bhuj,Anjar, Rapar,Bhachau,Mundra,Mandvi, Nakhtrana & Lakhpat Taluka

of

Kutch district

GUJARAT

(PRICE BID)



GMDC Science & Research Centre

C/o. GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.

KHANIJ BHAVAN, 132' RING ROAD, UNIVERSITY GROUND

VASTRAPUR, AHMEDABAD 380 052

Phone No. 079- 27912356 , 26872130, 27913211 Fax no. 079-27911454

E-mail geo@GSRCLtd.com Visit our web-site : www.GMDCLtd.com



PRICE BID

Tender NO - GSRC / Geo/GIS-Kutch/03/15-16

Subject : GEOLOGICAL MAPPING (with help of satellite image and GIS techniques) IN Bhuj,Anjar, Rapar,Bhachau,Mundra, Mandvi, Nakhtrana & Lakhpat Taluka - Kutch district of Gujarat

S No	Description	Quoted rates in INR includes all taxes except service tax per Sq KM
1	Preparation of Geological maps and identification of bauxite / laterite and associated mineral deposit by using satellite images / Remote sensing and GIS techniques in Bhuj,Anjar, Rapar,Bhachau,Mundra, Mandvi, Nakhtrana & Lakhpat Taluka of Kutch district of GUJARAT (Total proposed area under geological mapping is about 3200 Sq KM (Approx) as per scope of the work of this tender documents	

Amount in words : Rs _____ per Sq KM .

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

Dated: _____

Seal and Signature of Bidder