



**GUJARAT MINERAL DEVELOPMENT CORPORATION LTD.**

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

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

ENQ-No	GMDC/ Power/ATPS / ENQ/ 06/ 2017-18
Subject:	Third Party protection audit 220KV switchyard and its bay, Logic check for switch yard, relay testing and bus bar protection at Akrimota TPS

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**Wnquiry No:- GMDC/ Power/ATPS / ENQ/ 06/ 2017-18**

Sr. No.	Description	Details	
1	Scope of the work	Third Party protection audit 220KV switchyard and its bay, Logic check for switch yard, relay testing and bus bar protection at Akrimota TPS	
2	Location	Akrimota Thermal Power Station, Vill Nani Cheer, Ta-Lakhpat Dist Kutch	
3	Last date & time for submission of enquiry	June 27, 2017	Before 18: 00 Hrs.
4	Verification of submitted documents	June 28, 2017	Before 16: 00 Hrs.
5	Place for opening	Office of the General Manager (Power) GMDC Ahmedabad	

**GENERAL MANAGER (POWER)**

*Gujarat Mineral Development Corporation Ltd.(A Govt. of Gujarat Enterprise)  
“Khanij Bhavan”, 132 Ft. Ring road, Nr. Manav Mandir, University Ground, Vastrapur,  
Ahmedabad-380 052 Ph: 079 27913200/3502/1662/1665 Fax no: 079 27911822/2791 1520*

*E-mail: [power@gmdcltd.com](mailto:power@gmdcltd.com) , Visit our web site: [www.gmdcltd.com](http://www.gmdcltd.com)*

**Submission of Enquiry**

Bidder shall submit their offer address to General Manager (Power) in two separate sealed cover on above mentioned address.

- Cover One containing only technical document or any other related documents without price bid
- Cover Two containing Only Price Bid. (Dully sign & Stamp –cover should be sealed)



**Details of EOI are as under:-**

EOI No.	GMDC/ Power/ATPS / ENQ/ 06/ 2017-18
Description of work.	Third Party protection audit 220KV switchyard and its bay, Logic check for switch yard, relay testing and bus bar protection at Akrimota TPS One 220kV switch yard eight bay. (Four Line Bay, Two GT bays, one station transformer bay & one Bus coupler Bay )
Qualification to participate.	Bidder should have experience in similar type of work One work order should be attached
Last date of submission.	June 27, 2017
Contact person at Site For information	P A Aboti – 97277 92591
Scope of work	See Annexure –I



## **Annexure –I**

### **Scope of work (Agency):-**

Third Party protection audit 220KV switchyard and its bay, Logic check for switch yard, relay testing and bus bar protection at Akrimota TPS

One 220kV switch yard eight bay.

(Four Line Bay, Two GT bays, one station transformer bay & one Bus coupler Bay )

1. All transformers shall be audited and check from H.V and L.V Side.
2. Check and verify control and relay wiring and proper functioning of annunciation scheme as per the relevant drawings.
3. Check and audit condition of DC system and charger including DC grounding monitoring.
4. Availability of DC source to all control and relay panels. In case of duplicate DC sources, whether both the sources are utilized with respect to the various control circuits for the protection system and circuit breakers.
5. Wherever bus bar protection is installed, the current input of each feeder bay and spill current shall be measured. The settings of the busbar protection system shall be verified with respect to fault level of S/S
6. Logic test of busbar protection shall be taken with respect to operation of zone. Care shall be taken to ensure that while the protection is being tested, the actual tripping of feeders, equipments is inhibited.
7. Logic test of LBB protection wherever installed. The setting of LBB i.e. current and time delay including LBB initiation circuit shall be checked separately each zone
8. The various indication / annunciation for online monitoring of circuit breaker air/ gas pressure, trip circuit etc shall be checked and verified wherever replacement is required with proper rated equipments.
9. Check the short time rating of CTs, CVTs and circuit breakers with respect to the fault level of the particular S/S and indicate wherever replacement is required with proper rated equipments.
10. Check that the DC is available to all the relays.
11. Check all fuse rating
12. Check panel earthing and earth pit
13. Check working of transformer troubles and its cooler control

### **Penalty clause:-**

1. If you are unable to execute the job as per work order GMDC Ltd shall not release your payment.
2. If the work isn't completed within time limit we shall deduct 0.5% of total contract value per week. Total penalty will not exceed to with cap of 10% of contract value.

### **Payment Clause:**

1. **100% Payment will release on successful completion of work .**



## Instructions to Bidders

- **Time Schedule**

The bidder should complete the work within 30 days from the date of issue of LOI.

- **Payment Terms**

The bidder shall receive the payment under the work within 30 days from the receipt of bill after completion of every month.

### LEGAL JURISDICTION AND ARBITRATION

- 17.1 The matter relating to any differences arising out of this agreement shall be subject to the exclusive jurisdiction of Ahmedabad only.
- 17.2 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 arbitration as per the provision of Arbitration and Conciliation Act, 1996 and the venue of the arbitration proceedings shall be at Ahmedabad only.



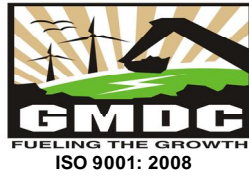
### Price Bid.

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

Sr. No	Description	Man-Month fees for (01) ONE Engineer
1	Fix firm price to carry out Third Party protection audit 220KV switchyard and its bay, Logic check for switch yard, relay testing and bus bar protection at Akrimota TPS One 220kV switch yard eight bay. (Four Line Bay, Two GT bays, one station transformer bay & one Bus coupler Bay )	
2	Service Tax at actual as per prevailing rates in INR	

**Note: -**

- (1) Bidder should quote fix firm Price for carry out above work include all incidental charges like Travel, Accommodation and Logistics for Site Visit, GMDC Corporate Office Visit, or any other materials/ expenses (All inclusive)**



**Technical Deviation Sheet**

Clause in which deviation is requested	Deviation	Reason for deviation

Signature & Stamp of the Tenderer

Name: \_\_\_\_\_

Address: \_\_\_\_\_