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| <b>Sr. No.</b> | <b>TOPOGRAPHIC SURVEY</b>  |
| <b>1</b>       | Work for one Block of 30.00 sq. km; Bikaner-Nagaur Basin, District Bikaner. (Estimated Cost per Block is Rs. 2,63,000/-) |

| <b>S.No.</b> | <b>Nature of work</b>  | <b>Description</b>              |
|--------------|--|---------------------------------|
| A            | Marking of Features using Auto Level etc.                                  | i) Relief                       |
|              |  | ii) Slope                       |
|              | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                          |
| B            | Elevation & Depression using digital theodolite or EDM/Total Station       | i) Altitude of Sand Dune        |
|              |  | ii) Bank Shelving               |
|              | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                          |
| C            | Fixing of reference points using DGPS                                      | i) Bench mark                   |
|              |  | ii) Geodetic Stations (10 Nos.) |
|              | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                          |
| D            | Erection of Pillars.   | 10 no                           |
|              | Pegging on transverse & Longitudinal Lines                                 | 40 no.                          |

### **TERMS & CONDITIONS**

The Department of Petroleum invites tenders from the reputed firms/companies, who are experienced in Survey Work, to carry out Topographic Survey to the scale 1:5000 for block RJ-UCG 1/2010 measuring 30.00 sq. km. on following terms & conditions:

1. Tenderer should submit the D.D. @2% of estimated value i.e. Rs. 5300/- for block of 30.00 Sq. Km as earnest money in favour of Director, Department of Petroleum, Jaipur payable at Jaipur along with the Technical Bid.
2. Technical & Price Bid should be submitted in separate sealed envelopes under single cover envelope containing Price bid & Technical bid with duly attested papers. Technical bid shall be opened on same day. However, Price Bid shall be opened after the evaluation of Technical Bid. Accordingly, date & time of opening of Price Bid shall be intimated to technically qualified tenders.
3. Tender should be submitted on or before 25.01.2011 by 1430 hrs & technical bid shall be opened on the same day i.e. 25.01.2011 at 1600hrs before the present tenderers. In case of holiday on 25.01.2011, next day shall be considered.

4. Successful Tenderer shall submit the security deposit @ 10% of the contract value which is to be deposited at the time of signing of Contract Agreement.
5. Work order shall be awarded for each work specified under category A,B,C and D separately or cumulatively with the discretion of Directorate of Petroleum (DP).
6. DP reserves the right to cancel, change, reduce & enhance the work quantum & time period.
7. Location map alongwith coordinates shall be provided to successful tenderer on award of the work.
8. Survey party should be well trained and equipped.
9. Longitudinal and Transverse traverses should be taken at every 250 mt interval.
10. Fieldwork should be completed within 25 days for said block from the date of signing of the contract.
11. The work shall be inspected by Departmental Technical Committee or any authorized official of D.P. during the course of field work and the survey team should be present during the course of inspection.
12. Maps of survey work shall be finalized in consultation with the DP or its authorized nominee on any convenient date after the completion of fieldwork. The finalized maps, report, transverse section etc should be submitted within 7 (seven) days after consultation.
13. Map should neatly be prepared by drawing /sketching through AutoCAD software.
14. Liquidated damage upto 10% shall be applicable as per GF&AR.
15. The payment shall be released only after the acceptance & approval of maps, report, invoices etc in hard & soft copy (CD) by Departmental Technical Committee.
16. Bills should be submitted in favour of Director Petroleum, Jaipur in triplicate on printed invoices mentioning TIN No./ Service Tax Registration No./ PAN No, as applicable.

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| <b>Sr. No.</b> | <b>Collection &amp; Compilation of Data under various Hydrogeological Survey</b>   |
| <b>2</b>       | Work for one Block of 30.00 sq. km; Bikaner-Nagaur Basin, District Bikaner. (Estimated Cost per Block is Rs. 1,43,000/-) |

| <b>S.No</b> | <b>Nature of Work*</b>   | <b>Description</b>                           |
|-------------|--|--|
| A           | Quality of Ground Water  | Data of existing Tubewells, Handpumps, Wells |
|             | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                                       |
| B           | Water Level Contours & direction of Ground Water flow                      | Data of existing Tubewells, Handpumps, Wells |
|             | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                                       |
| C           | Potential Zones of Ground Water  | Data of existing Tubewells, Handpumps, Wells |
|             | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                                       |
| D           | Sub-surface Lithology  | Data of existing Tubewells, Handpumps, Wells |
|             | Complete Maps using AutoCAD software with color fills etc. soft copy in CD | 5 sets                                       |

\* Work should be based on Data of State Groundwater Board & Central Ground Water Board.

### **TERMS & CONDITIONS**

The Department of Petroleum invites tenders from the reputed firms/companies, who are experienced in Hydrogeology work, to carry out collection & compilation of data under various hydrogeological surveys to the scale 1:5000 for block RJ-UCG-1/2010 measuring 30.00 sq. km. on following terms & conditions:

1. Tenderer should submit the D.D. @2% of estimated value i.e. Rs. 2900/- for block of 30.00 sq. km. as earnest money in favour of Director, Department of Petroleum, Jaipur payable at Jaipur along with the Technical Bid.
2. Technical & Price Bid should be submitted in separate sealed envelopes under single cover envelope containing Price bid & Technical bid with duly

attested papers. Technical bid shall be opened on same day. However, Price Bid shall be opened after the evaluation of Technical Bid. Accordingly, date & time of opening of Price Bid shall be intimated to technically qualified tenders.

3. Tender should be submitted on or before 25.01.2011 by 1430 hrs & technical bid shall be opened on the same day i.e. 25.01.2011 at 1600hrs before the present tenderers. In case of holiday on 25.01.2011, next day shall be considered.
4. Successful Tenderer shall submit the security deposit @ 10% of the contract value which is to be deposited at the time of signing of Contract Agreement.
5. Work order shall be awarded for each work specified under category A,B,C and D separately or cumulatively with the discretion of Directorate of Petroleum (DP).
6. DP reserves the right to cancel, change, reduce & enhance the work quantum & time period.
7. Location map alongwith coordinates shall be provided to successful tenderer on award of the work.
8. Survey party should be well trained and equipped.
9. Fieldwork should be completed within 25 days for said block from the date of signing of the contract.
10. The work shall be inspected by Departmental Technical Committee or any authorized official of D.P. during the course of field work and the survey team should be present during the course of inspection.
11. Maps of survey work shall be finalized in consultation with the DP or its authorized nominee on any convenient date after the completion of fieldwork. The finalized maps, report etc should be submitted within 7 (seven) days after consultation.
12. The Sub Surface Lithology under Work 'D' shall only be finalized after obtaining the Transverse RL section from DP.
13. Map should neatly be prepared by drawing /sketching through AutoCAD software.
14. Liquidated damage upto 10% shall be applicable as per GF&AR.
15. The payment shall be released only after the acceptance & approval of maps, report, invoices etc in hard & soft copy (CD) by Departmental Technical Committee.
16. Bills should be submitted in favour of Director Petroleum, Jaipur in triplicate on printed invoices mentioning TIN No./ Service Tax Registration No./ PAN No, as applicable.