

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Department of Earth Sciences**

**Enquiry No: ES/IS/2015-2016/06**

**Date: 02.06.2015**

**Subject: Quotation for supply of Digital Magnetometer: Proton precession as mentioned below.**

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover in order to reach us by June 10, 2015 in the form of a hard copy to the address mentioned below. If you have any question please call Dr. Animesh Mandal at 0512-2596811, email: [animeshm@iitk.ac.in](mailto:animeshm@iitk.ac.in)

**The prospective suppliers are required to send quotation in two parts in sealed envelopes, as "Technical Bid" and "Financial Bid".** The Technical Bid should contain detailed technical specification of the product being offered and should not mention any prices. The Financial Bid should include the detailed price quotation clearly including the cost of the equipment, taxes, service charges if any, shipping and handling charges. **The two separate and sealed envelopes should be clearly marked appropriately as "Technical Bid" and "Financial Bid". Kindly write the inquiry no on the top of envelop.**

**Terms and Conditions:-**

1. Maximum education discount, if any should be offered
2. Validity of quotation should be at least for 60 days
3. Prices should be on CIF and FOB separately (if imported)
4. Prices should include the installation and training cost
5. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
6. Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
7. Delivery should be made within 3 months.

**Specification of Digital Magnetometer: Proton precession Instrument**

High sensitive (<0.1 nT) magnetometer for land survey

**Resolution:** 0.01 nT

**Absolute Accuracy:**  $\leq 1$  nT

**Range:** more than 20,000 to 100,000 nT

**Gradient Tolerance:** Over 7000 nT/m

**Sampling Rate:** 1 reading per 3 to 60 sec

**Operating Temperature:** -40C to +60C

**Operating Modes:** Manual – (but reading stored automatically at minimum 3 second interval) and Base station.

**Internal memory**

additional sensor for gradiometer (simultaneous) readings, and high precession GPS unit, battery and software.

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