

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Earth Sciences

***Revised**

Enquiry No: ES/DP/2015-2016/23

Date: 02.11.2015

Subject: Quotation for supply of Total Inorganic carbon Analyzer by Coulometric Detection 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 **November 09, 2015** in the form of a hard copy to the address mentioned below. If you have any question please email: dpaul@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 number 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.

Technical specifications of Total Inorganic carbon Analysis by Coulometric Detection:-

1. Applications to a wide variety of (solid or liquid) sample matrices and concentrations.
2. Easy user calibration.
3. Sample introduction system with interferences removal system and self cleaning system.
4. It should be able to detect concentrations from ppm levels to 100% inorganic carbon without user calibration.
5. It should have a self-contained unit for the acidification of a sample (to evolve CO₂).
6. It should have a highly sensitive CO₂ detector.
7. Accurate and precise measurements.
8. User selectable display units.
9. Small analysis time.
10. External data storage.
11. 100% efficient Coulometric Detection

Dr. Debajyoti Paul
Associate Professor
Department of Earth Sciences
WLE Room no 303 E
Phone: +91-512-2596169 (Office)
Email: dpaul@iitk.ac.in