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Last Date: September 9, 2013

Date: Aug 22, 2013

Letter Requesting Quotation for Ion Chromatograph

Quotation is sought for a *Ion Chromatograph* with minimum specifications given in the list below. The quotation has to be submitted in two separately sealed envelopes, one containing the technical specifications and marked as "Technical Quote" on the envelope and the other containing the price and marked as the "Price Quote" on the envelope. Please apply the discounts admissible to the educational institutes such as IIT Kanpur and also note that IIT Kanpur is exempted from paying duties for imported items.

Minimum Specification Required:

- Pump: Dual piston type high pressure pump with pressure range of 0-5000 psi and flow rate range of 0.001-10 mL/L with precision $\pm 0.1\%$. Pulsation should be less than 1%.
- Injector: Dual position injector valve with fast response time. Should be controlled through software
- Suppressor: Suppressor should be present. It should have high loading capacity of up to 10 mL/min and should be able to sustain high back pressure of up to 320 psi.
- Conductivity Detector: Microprocessor based for both cation and anion analysis with measurement range: 0–15000 $\mu\text{S/cm}$ with electronic noise $< 0.1\text{nS/cm}$ at $1\mu\text{S/cm}$ level. User controlled temperature range of 20-50 $^{\circ}\text{C}$.
- Columns: Two columns, one each for cation and anion analysis must be provided along with the guard columns.
- System Control, Data Acquisition and Analysis: Computer and Software must be provided for fully computer controlled operation, data acquisition and analysis of chromatograms.
- Essential Spares: Spares required for trouble free operation of the instrument for 3 years must be included in the quotation.
- Expected Free of Cost: Manuals, Application Notes, 3 years service and maintenance.

We have an existing IC system (Metrohm Model 761 Compact). We are interested in the buy-back offer and appropriate buy back discount from all companies.

All quotations should be in the currency of the country of origin of the instrument and CIF, Delhi. The quotation should reach the address mentioned in this letterhead no later than September 9, 2013.

(Vinod Tare)