

DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY - DELHI
HAUZ KHAS, NEW DELHI - 110016

Dated: 1st Nov 2012

NOTICE INVITING QUOTATIONS

Sub: Purchase of current-voltage source meter

Sealed quotations in *separate envelops of technical and commercial bid* kept in a one sealed outer envelope are invited for purchase of a **current voltage source meter** as per specifications given below. Your sealed quotation should reach latest by 5 PM on 16th November 2012 to **Dr Sameer Sapra, Department of Chemistry, Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016**. Your quotation should be superscribed “Purchase of current voltage source meter due on 16th November 2012”.

SPECIFICATIONS

Dual Channel Source Meter with programmable Current and Voltage Source :

Dual Channel Sourcemeter with the capability to source the Current and voltage with following range and resolution in each channels :

Current Ranges : 1nA,10nA,100nA,1μA,10μA,100μA,1mA,10mA,100mA,1A &1.5A

(Source&Measure)

Resolution :20fA,200fA,2pA,20pA,200pA,2nA,20nA,200nA,2μA,20μA&50μ A(Source)

1fA,10fA,100fA,1pA,10pA,100pA,1nA,10nA,100nA,1μA&1μA(Measure)

Voltage Ranges : 200mV,2V,20V,200V(Source & Measure)

Voltage Resolution: 5μV,50μV,500μV, 5mV (Source)

100nV,1μV,10μV,100μV(Measure)

Max Current source & Measure Range in Pulse Mode: 10A

The Instrument should have capability to measure the Resistance & Watt also .

Power Output: 30Watt

The instrument should have following functions :

- 1) Standard and Custom Sweep like linear sweep, logarithmic sweep etc.
- 2) GPIB (IEEE) Interface .
- 3) GPIB to USB adapter with cable should be supplied for PC Interface and programming .

The Software for I-V characterization should be provided alongwith the instrument with GPIB support .

TERMS AND CONDITIONS

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as "Technical Bid" and "Financial Bid". Both the sealed envelopes should be sent in a single sealed envelope, clearly marked as "Quotations for Purchase of current voltage source meter due on 16th November 2012". The quote should reach the following address on or before 16th November 2012, upto 5 PM.

Dr. Sameer Sapra
Department of Chemistry
Indian Institute of Technology Delhi (IIT Delhi)
Hauz Khas, New Delhi-110016

2. Please quote prices at FOB New Delhi, inclusive of installation charges. CIP charges should be quoted separately.
3. The quotations should be in the currency of the country of origin as well as Indian Rupees wherever possible and should be valid for at least three months.
4. Please attach all the technical literature and a list of similar installations done in India.
5. Standard warranty details (minimum 3 years) should be provided.
6. Payment should be through irrevocable letter of credit.

7. If the quote is being submitted by the representative of the Principals/manufacturer themselves, a valid Agency ship/Dealership Certificate authorizing the agent to quote to IIT Delhi on behalf of the Principals should be enclosed.
8. Complete set of manuals for the operation of equipment should be given.
9. Clearly specify the installation requirements—such as space, power, frequency, environment (Temperature and humidity) etc.
10. If the items quoted are proprietary in nature, please enclose proprietary certificate from the principals stating “certified that _____ is a proprietary item M/s. _____ and no other manufacturer makes these items.
11. If the bidder is an Indian agent, the agency certificate should be enclosed.
12. Please produce compliance certificate for the specification.
13. Training should be provided free of cost.
14. Delivery period should be specifically mentioned and should be as small as possible.
15. The products will be used for educational purposes. Hence any applicable institutional discounts should be offered and stated.
16. SALES TAX : This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable.
17. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.