



# INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)  
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab

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PAN No - AAAA11781K. TAN No. -PTLI10692D

IISER Mohali

E-mail

IISER M(252) 13/14-Pur.

30<sup>th</sup> December 2013

To

M/s Sushil International  
1649- A Ground Floor, Sector-A  
Greenfield Colony, Faridabad-121001, E-mail : [sinsilsindhu@gmail.com](mailto:sinsilsindhu@gmail.com)

Dear Sir

We are interested in the purchase of following items. You are, requested to send your best offer with the special institutional discount , if any , so as to reach us immediately within one week.

Sr	Description	Qty
01	<p>Automatic liquid crystal tester that can measure simultaneously For Nematic Liquid Crystal</p> <p>(i) Threshold Voltage (ii) Splay and Bend Elastic Constants (iii) Dielectric Constants (iv) Ion Density and Mobility (v) Electrical Resistivity (vi) Rotational Viscosity (vii) optical switching time (viii) VHR and RDC (ix) optical transmittance vs. voltage etc.</p> <p>For Ferroelectric Liquid crystals</p> <p>(i) spontaneous polarization, (ii) electrical switching time, (iii) optical switching time, (iv) (v) rotational viscosity, (vi) ion density and mobility, (vii) electrical resistivity, (viii) dielectric constant</p> <p>With a temperature controller that can go from -140 °C to 400 °C and required software 3mm spacer set to increase sample chamber height with the LC sample cell holder Liquid nitrogen cooling system with circulation water pump for frame cooling Sample holder, and compatible computer with the softare included. Different cells should be included in the tender for measurement.</p> <p><u>Technical specifications:</u> Output Wave DC to 10KHz, voltage 0 to <math>\pm 100V</math> Output Update Rate 500KHz Output Resolution 16 bit Input Resolution 16 bit Input Sample Rate 500KHz Current Measurement Range 1nA ~ 1mA Current Sensing Resistance 10K, 100K, 1M, and 10M<math>\Omega</math> Current Resolution 100pA Post Gain in the ALCT Box 1, 10, 100, 1000 Capacitance Measurement 2pF to 100nF</p>	01

Yours faithfully,  
Sd/-  
(Mukesh Kumar)  
Assistant Registrar (S&P)

## INSTRUCTIONS

- x Inquiry will be sent by UPC/Courier/Speed Post and IISER Mohali will not be liable for any kind of Postal delay.
- x The Quotation should be addressed to the Director IISER Mohali invariably giving on the envelop Reference No. with date and Due date with time.
- x The supplier should have global presence with website showing catalogue of similar variant of laboratory furniture.
- x One time importers from China with custom made specifications are highly discouraged.
- x The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
- x Firms will quote separately for each article.
- x The rates offered should be FOR Chandigarh in case of firms situated outside Chandigarh and free delivery at the Institute premises in case of local firms.
- x In case of Ex-godown terms the amount of packaging forwarding freight etc should clearly be indicated by percentage or lump sum amount. Current rate of sales Tax/VAT must be mentioned.
- x In case of foreign consignment CIF/FOB should be mention clearly. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY.
- x 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.
- x The delivery period should be specifically stated. Ex-stock and earlier delivery may be preferred.
- x The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the Article quoted. The name of the manufactures and country of manufacture should also invariably be stated in the absence of these particulars the quotation is liable for rejection.
- x Samples wherever asked for will not be paid for these should be delivered in the office of the undersigned securely labeled and packed. In case of terms who submit the samples through Railways/Road transport the freight should be prepaid and RR should be in favour of Stores and Purchase of IISER Mohali.
- x Quotation should have minimum validity of 7 days from the date of opening.
- x The rates quoted should be in metric units otherwise your quotation is liable to be ignored.
- x Late or delayed quotation will not be accepted.
- x The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved.