INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS NEW DELHI

Date: 07/03/2012

Notice Inviting Quotation

Quotations are invited for the purchase of Electrospinning Apparatus (one in number) at the Department of Textile Technology. Interested manufacturers / suppliers are required to submit their quotations as per the specifications given below. The sealed Quotations are to be submitted in two Separate envelopes;

A - for Technical Quote (Specifications) &
B - for Financial Quote
(For details, see Annexure I)

Both these envelopes should be further enclosed in an outer envelope, which should also be sealed and addressed to, clearly mentioning on top of the envelope "Quotations for Electrospinning Apparatus."

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The quotations should reach the above office of **by 5.00PM on 21/03/2012**. If needed, the suppliers may be asked to make a technical presentation before the committee.

Institute reserves the right to accept or reject any of the offers without assigning any reasons.

Specifications of Electrospinning Apparatus (1 in number)

S. No.	Specification	Essential requirement
1.	Power Supply	• Voltage in the range of 0 to 40 KV • Current less than 1 mA • Manually and software based variable voltage with digital voltmeter
2.	Syringe Pump	• Compatible to work under high voltage • Compatible to dispense from standard disposable syringes of volume from 2 ml to 20 ml • Controllable feed rate in the range of 0.05 ml to 100 ml / hr
3.	Co-axial spinning operation	• Provision to spun bi-axial fibres using two different syringes
4.	Collectors	• Plate collector – material compatible to work under high voltage, dimensions 15 x 15 cm or larger • Drum collector – material compatible to work under high voltage, drum length – 12 cm or more, diameter – 4 cm or more, rotation speed in the range of 100 to 3000 rpm
5.	Height adjustment	• Controlled height adjustment between syringe pump and collector

6.	Cabinet construction	• Table top type of design • Compatible high quality material with best insulation • Front doors made of chemical resistant glass or a compatible material
7.	Safety	• HV power supply should switch off automatically when door is opened • Should include a device to remove static electricity • Hazard lamp to show that instrument is ON • Emergency switch off • Earth terminal
8.	Consumables	• Syringes – 2, 5, 10 and 20 ml (100 numbers each) • Aluminium foils – minimum 100 numbers
9.	Software	• Compatible software to run the instrument for – operation of syringe pump, varying processing parameters and any other apparatus operation requirement
10.	Optional	• Branded PC with minimum configuration as follows – Pentium dual core processor, 500 GB HDD, 4 GB RAM, DVD ±RW, Keyboard, Mouse

Annexure I

Envelope A: Technical Quote: The following details are to be enclosed *(Mention clearly on this envelope –* ***Technical Quote****)*

1. Technical brochures mentioning all details with complete address of the principals.
2. A compliance chart based on the specifications as per the NIQ.
3. Any optional equipment / accessory / spares advised to be included separately.
4. Installation requirements including water supply, UPS, etc.
5. List and addresses of organizations where the equipment has been supplied in last 3 years in India.
6. Details of other equipment supplied to IIT Delhi specifying the Department/ centre / lab to which the equipment was supplied. Also mention if the equipment is being maintained by your organization.
7. Address of the technical office, in India, with telephone and FAX numbers. Kindly clarify the type of support available in India.
8. If quote is for imported equipment supplied through Indian Agent, Sole Agency-ship certificate on the letterhead of the principal company, if quotation is from an Indian Agent.
9. Proprietary Item Certificate from the principals, if applicable.
10. Copy of the certificate of a registered importer from Ministry of Commerce or Finance if the quotation is being submitted by an Indian agent.

Envelope B: Financial Quote: The following details are to be enclosed/ ensured. *(Mention clearly on this envelope –* ***Financial Quote****)*

1. The quotations for the equipment in foreign exchange, if it is to be imported. The cost of spares and optional equipment/accessories to be quoted separately. The cost should be based on CIF, New Delhi. If equipment is indigenous, the quote should be in INR and all taxes applicable should be mentioned clearly.
2. Institute makes payment after delivery and successful installation. In case the payment terms are different, it should be mentioned clearly. If equipment is to be imported, the address of the company in whose name the LC is to be opened should be stated.
3. The comprehensive Warranty period.
4. The details of the AMC after the warranty period.
5. Cost for Installation and training at site, if applicable.
6. Validity of the quote should be minimum 90 days.
7. The delivery period to be clearly specified.