

INDIAN INSTITUTE OF TECHNOLOGY DELHI HAUZ KHAS NEW DELHI

Date: 07-03-2013

Notice Inviting Quotation

Quotations are invited for the purchase of a **Particle Size analyser** for the Department of Textile Technology. Interested 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 enclosed in an outer envelope, which should also be sealed and addressed to, clearly mentioning on top right corner of the envelope "**Quotation for Particle Size Analyser**" due on **22nd March 2013**.

The quotations should reach the office of **Prof. Kushal Sen, Room No. TX- 110, by 22nd March, 2013, 4:00PM**. 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 Particle Size Analyser

Particle Size range	Range from 0.5μm -950μm
Working Principle	Laser Diffraction
Laser Light Sources	He-Ne Laser
Optical Alignment	Auto-alignment
Detector system	Silicon Photo Diode array including forward, side & wide angle measurement detectors.
Diffraction Standard	Should comply ISO
Measuring mode	Should be able to analyze wet & dry samples.
Wet Dispersion Accessory	Should be compatible and recognizable by the main unit. Should be able to support beakers of volume ranging from 450- 500 ml for dispersion of particles in liquids. Dispersion control should be facilitated by ultrasonic and mechanical means and recirculation pump. It should have in-built stirrer.
Solvent Compatibility	Should be compatible with common solvents. Exclusion list if any to be provided.
Calibration Standards	Essential standards, accessories and kit
Software and operating system	Microprocessor based operation designed on Windows platform. Computer software for measurement size and size distribution. Capable of data display in suitable formats.
Computer hardware	Suitable laptop/ desktop
Power Requirement	Voltage: 220 V AC; Any other requirements must be mentioned by the supplier
Power Back up	Suitable UPS with one hour back up.
Warranty	Three years comprehensive

Head Textile Technology

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 advised to be included separately.
4. Installation requirements.
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, 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. The agent should be registered for import with the Ministry of Finance / Commerce.

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 to be quoted separately. The cost should be based on FOB pricing. 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 Three Years Warranty.
4. The details of the AMC after the warranty period.
5. Cost for Installation and training at site, if needed, to be provided.
6. Validity of the quote should be 90 days.
7. The delivery period to be clearly specified.