

**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
HAUZ KHAS NEW DELHI

Date: 22-08-2014

**Notice Inviting Quotation**

Quotations are invited for the purchase of opacity meter (One in number) 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 necessarily in two Separate envelopes, by 5<sup>th</sup> September 2014;

- 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 "**quotations for** Opacity meter. **The quotations should reach the office of** Prof. Bhuvanesh Gupta, Room No. TX-213, Department of Textile Technology, Indian Institute of Technology, Hauz Khas, New Delhi-110016 by 5<sup>th</sup> September 2014 by 5.00 PM. 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 THE OPACITY METER**

System	Portable
Measurement Units	Shade: 0% (black) to 100% (white); Opacity: 0% (transparent) to 100% (opaque)
Resolution	0.1%
Data Acquisition System	Laptop portable (maximum 12.1")
Repeatability	0.2%
Reproducibility	0.5%
Memory Capacity	Minimum 200 reading
Display	Liquid Crystal Display (LCD), minimum 3" digits
Software	Novo-soft software
Operating Temperature	Room temperature
Measurement angle	0 and 45° (built-in stat)
Calibration tile	With traceable certificate, automatic calibration
Standards	ASTM 97, ASTM D4214, ISO2814
Warranty	1 Years
Demonstration Installation at IITD	Free of charge

**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. List and addresses of organizations where the equipment has been supplied in last 3 years in India.
5. 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.
6. Address of the technical office, in India, with telephone and FAX numbers. Kindly clarify the type of support available in India.
7. If quote is for imported equipment, Sole Agency-ship certificate on the letterhead of the principal company, if quotation is from an Indian Agent.
8. Proprietary Item Certificate from the principals, if applicable.
  
9. The agent should be registered for import with the ministry of Finance or 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, 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 needed, to be provided.
6. Validity of the quote should be 90 days.
7. Please quote FOB price

The delivery period to be clearly specified.