

INDIAN INSTITUTE OF TECHNOLOGY DELHI  
HAUZ KHAS NEW DELHI

Date: 17/10/2013

**Notice Inviting Quotation**

Quotations are invited for the purchase of **Digital Thickness Gauge** 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 "Quotations for **Digital Thickness Gauge**"

**Dr. R. Alagirusamy**  
**Professor, Room No. TX-217**  
**Department of Textile Technology**  
**IIT, Hauz Khas, New Delhi 110016**

The quotations should reach the above office of **by 5.00PM on 5 November 2013**. 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**

INSTRUMENT NAME	Digital Thickness Gauge
DESCRIPTION OF INSTRUMENT	Thickness gauge which can be used to measure thickness, compression and recovery characteristics of all types of textile floor coverings.
Tests that can be performed	Thickness of a textile floor covering , Compression, Work of compression, Percentage thickness recovery, Percentage work recovery.
Calibration accreditation	ISO CALIBRATION CERTIFICATE
Standard test methods	ISO 1765, BS 4051, BS 4098, BS 4223.
<b>TECHNICAL SPECIFICATIONS</b>	
Type	Digital
Weights	A - 2kPa, B - 5 kPa, C - 20 kPa, D - 50 kPa E - 100 kPa, F - 150 kPa, G - 200 kPa
Pressure range	20- 2000 g/m <sup>2</sup> (2 - 200 kPa)
Presser foot	412 mm <sup>2</sup>
Thickness range	0 -25mm
Resolution	0.01mm
Digital indicator	Yes

Repeatability	0.01mm
Response speed	1000/mm
Battery life	1 year in average use
Auto power off	After 2 hours idle time



Head  
Department of Textile Technology

**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 gases and chillers, 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.

**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.