

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS NEW DELHI

Date: 24.08.11

Notice Inviting Quotation

Quotations are invited for the purchase of 'Fabric UV Transmittance Analyzer' 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**

Both these envelopes should be further enclosed in an outer envelope, which should also be sealed and addressed to, clearly mentioning on top right corner of the envelope "quotations For 'Fabric UV Transmittance Analyzer'"

**Dr. Abhijit Majumdar
Assistant Professor
Room No. TX 212
Department of Textile Technology
IIT, Hauz Khas, New Delhi 110016**

The quotations should reach the above office of **by 5.00PM on 09/09/2011**. 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.

TECHNICAL SPECIFICATIONS

The Ultraviolet Transmittance Analyzer should be able to measure the UV transmission of dry textiles as a means of determining their ultraviolet protection factor. The instrument should operate by measuring the diffuse transmittance of a fabric sample as a function of wavelength in the ultraviolet spectrum.

The measurement instrument should satisfy all the requirements of following standards.

- AS/NZ 4399:19961
- EN 13758-1:2001
- AATCC TM 183-2000.
- GB/T18830

Instrument software should automatically calculate the average value for the UVB (280-315 nm) and UVA (315-400 nm) spectral regions.

These capabilities include the following:

1. One-touch sample analysis, sample scans within five seconds
2. Automatic calculations of spectral transmittance, UPF, critical wavelength and UVA:UVB ratios; Performance validation routine
3. Wavelength accuracy of 1 nm
4. Auto Flash capability
5. UVA:UVB Ratio
6. USB computer interface

Packing, delivery, installation cost must be included in the offer.

Annexure I

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

1. **A compliance chart based on the specifications as per the NIQ.**
2. Technical drawing, material specification and design of the instrument mentioning all details.
3. Address of the technical office, in India, with telephone and FAX numbers. Kindly clarify the type of support available in India.
4. 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.
5. 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.