

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

Date: 25/1/2012

Notice Inviting Quotation

Quotations are invited for the purchase of two **optical microscopes**, 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 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 **Optical microscopes**"

**Dr. Kushal Sen
Professor
Room No. TX-116
Department of Textile Technology
IIT, Hauz Khas, New Delhi 110016**

The quotations should reach the above office of **by 5.00PM on 08/2/2012**. If needed, the suppliers may be asked to make a technical presentation/demonstration of the equipment before the committee.

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

Specifications for Optical microscopes

1. Reflected & Transmitted light with Bright field, Oblique contrast for opaque and semitransparent specimen
2. Reflected illumination system-brightness enable control
3. Transmitted illumination system-brightness enable control
4. Condenser: Continuous intensity adjustment Illumination with Auto Off
5. Trinocular observation head: Viewing Tubes at 30°, Trinocular tube for photography with integrated eyepieces; Maximum field of view 20 mm and tube Interpupillary distance range 55mm- 75mm

6. Eyepiece – 10x
7. Objectives (infinity platform)– covering 5x-100x range (at least three)
8. Focussing system: co-axial focussing system with pre focussing lever, fine focus- minimum 0.002 mm
9. Circular rotating Mechanical Stage : for left and right operation, Integrated coaxial drive for x/y movement, Stage surface- at least 150 mm, stage micrometer with a resolution of 0.01 mm
10. Digital camera with minimum resolution of 3.1 Mpixels, pixel size 3.2 μm x 3.2 μm , Exposure time 2 msec - 2 sec.
11. Image Analysis Software with measurement of multiple image features; like Linear distance, Area etc. Should have facility to export data to MS Excel or Word.

Head,
Department of 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 / 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.