DEPARTMENT OF APPLIED MECHANICS
INDIAN INSTITUTE OF TECHNOLOGY DELHI
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NIQ No. IITD/AM2013/ May 16th 2013

NOTICE INVITING QUOTATION

Please submit technical and commercial bids in separate sealed covers to the undersigned on or before 30th May 2013 for supplying an optical microscope with the following specifications:

1) Objective lenses : 20x and 50x (Infinity Corrected, optimized for highest contrast and resolution with Working Distance should not be less than 9 mm)
2) Eyepiece pair: 10x with FOV 22 mm for wide field observation
3) 6-position nosepiece suitable for BF, DF and DIC.
4) Binocular eyepiece (30° inclination) tube with additional photo port and beam splitter
5) Range of specimen height: 0 to 50mm or more.
6) C-mount adapter
7) 100W illumination system or Long life (10,000 Hrs) LED illumination suitable for BF, DF, Polarization and DIC application.
8) Color C-mount CCD Camera with 4.65 µm square pixel or larger; Speed 15 fps @ highest resolution, CCD Resolution: 1388 x 1038 or more.
9) Centerable field and aperture diaphragms
10) Image Analysis Software and features for (a) Image Calibration, (b) Image enhancement such as brightness, contrast, gamma, smooth/sharpen, noise reduction, background subtraction, shading correction, white balance etc. (b) Interactive measurements – length (straight or curve), perimeter, intensity profiles, angle, area, radius etc. generation of data tables and function to process data tables and calculate statistical values from tables, Chart view to display data lists as histogram line plot, pie chart or scatterplot (c) Report Generation of measured data and image (d) Image Annotations, (g) Driver control for Linkam heating and freezing stage and above camera; Capture mode – Manual, Time Lapse, Temp. Lapse; Acquisition control via trigger temp.; automatic logging of temperature with image acquisition
11) Stage adapter and clamps for following Linkam stages
12) Linkam THMS600 Heating and Freezing (-196 to 600°) Stage with T95-STD Link Pad Controller; Liquid Nitrogen Cooling systems down to -196° incl. 2 litre Dewar; Water Circulation Pump for stage body.

Optional Accessories:

1. Grain Size – (a) Automatic reconstruction of grain boundaries and measurement in accordance with DIN EN 623, ASTM E 112, ASTM E 1382; (b) Grain Comparison on image using comparative diagrams in accordance with ASTM – Plate I, Plate II, Plate III, Plate IV, SEP 151061, BS 4990 (c) Grain Intercept method in accordance with DIN EN 623, ASTM E 112, ASTM E 1382, various line patterns
2. Objective Lens 5x and 10x

Terms & Conditions:

Warranty	Minimum 1 year
Eligibility criteria for the Company	Delivery should be within 4 weeks after purchase order is issued.
	If the quote is submitted by the representative of Principals/Manufacturers, a valid Agencyship/dealership Certificate/MAF **specific to this tender** should be enclosed together with technical bid.
METHOD OF SUBMISSION	Quotations should be sent in a sealed separate cover marked **technical** and **commercial** bids at the top along with our NIQ reference no. and due date. Including commercial information in the technical bid would be grounds for disqualification.
Technical Bid Details	**Technical Compliance Sheet**: Clear and detailed information on *how* the technical conditions specified above have been complied with must be given in the technical portion of the bid via a technical compliance sheet. It is insufficient to just mention "Complied" against the above specifications.
	Warranty: Warranty information must be explicitly provided in the technical sheet.
Commercial Bid Details	**Breakup**: A clear breakup of the individual price of the items should be provided.
	Tax/Import: Any taxes/import duties that are expected must be added to the total and the final price should be provided. If any tax/custom duty waiver that has been assumed should be clearly mentioned. Not providing either of these could lead to disqualification. PLEASE ALSO SEE BELOW FOR TERMS AND CONDITIONS FOR ALL IIT DELHI PURCHASES. These terms are valid for the current purchase also.
Buyer's Rights	Buyer reserves the right of accepting or rejecting any/ all quotations.
Validity of Quotations	Quotations will be considered valid for at least three months from the date of receipt unless otherwise stated.
Correspondence	No correspondence regarding acceptance/rejection of a quotation will be entertained.
Rejection	Quotations not conforming to the set procedure as above are liable to be rejected.
Discount/Rebates	Special discount/rebate wherever admissible keeping in view that the supplies are being made for educational purpose in an institute of national importance may please be indicated.

Sd/-
(Dr. Jayant Jain)

Necessary Terms and Condition to be put in the NIQ/NIT Document

1. IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or fully) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information.
    a. Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
    b. Forwarder details i.e. Name, Contact No., etc.

   Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute and Bills of Entry should be submitted to IIT Delhi later on.

2. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

3. If the bidder is an authorized dealer of any manufacturer, the authorized Indian dealership certificate from the principles should be enclosed. Similarly, proprietary certificate for proprietary items should be provided.

4. IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information are required.
    a. Quotation with details of Basic Price, Rate & Amount on which ED is applicable.

5. Please quote prices of imported items at FOB (Freight on Board) IIT Delhi inclusive of all taxes, freight, delivery, installation and onsite training charges. The quotation should provide the total price of the system including all taxes and transportation charges.

6. Payment Options
   Letter of Credit/ Against Delivery: Payment by wire transfer after receipt of material.

7. Delivery period: within 1 month from the issue of supply order.

8. Warranty: Minimum one year.

9. The quotations must have validity of at least three months.

10. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated clearly.

11. Authority of IIT Delhi reserves the right to reject any or all quotations without assigning any reasons.