

NOTICE INVITING QUOTATIONS (NIQ)

A. Technical Specifications of Stereo zoom Microscope

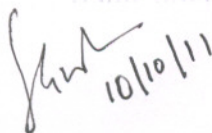
- 1) A fully Apochromatic Stereo zoom microscope with Common Main Objective lead-free.
- 2) Motorized zoom and Motorized focus and controller unit with real time on screen display of all essential working parameters such as total magnification, object field, Z-position, depth of field, resolution etc.
- 3) Motorized Zoom range 20:1
- 4) Motorized focus range 340 mm
- 5) Objectives : Plan APO 1X
- 6) Eyepiece pair 10x/23
- 7) Attachment for parallax free observation and measurement.
- 8) Observation tube Trinocular with inclination around 35 to 38 degree.
- 9) LED Illumination with 48 Bright LED for Reflected Ring Light Illumination with all controls for this built-in.
- 10) LED Life 25000 working Hours OR MORE.
- 11) PC interface through USB.
- 12) High-resolution scientific digital camera system with 5 Mpixels resolution or more with C-mount with 0.5x or 0.55x adapter.
- 13) Measurement Software to measure the linear distance, Area, Angle, Count, Grey level. Measurement data can be exported MS Excel or Word.
- 14) Microscope camera and S/w from one manufacturer for better compatibility and better results.
- 15) X-Y Mechanical Stage with travel 100 x 100 mm to be used for reflected light.
- 16) Software for generating highly resolved macro / composite image of structure with large surface area.

Terms and conditions

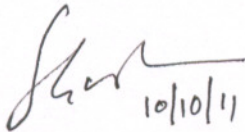
1. Please submit the technical and financial bids in separate sealed envelopes. Please mark the two envelopes clearly as "technical bid" and "financial bid". Both the sealed envelopes should be sent in single sealed envelopes with clearly marked as "**Quotation for motorized stereo zoom microscope**". The quote should reach the following address on or before **24th Oct., 2011, 5.00 PM.**

Department of Mechanical Engineering
Attn To: Dr. S. Ghosh
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016, INDIA

2. Please quote prices at CIF New Delhi, along with delivery schedules.
3. Attach all technical literature and a list of similar installations done in India with complete addresses and telephone numbers along with satisfactory performance certificate
4. A minimum of a 3 years comprehensive onsite warranty is essential. A complete set of spares and consumables should be supplied as well.
5. Mention if you can provide any training of IIT Delhi personnel. Kindly mention about this in the technical bid.


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6. The payment for all foreign purchases will be made through an irrevocable letter of credit.
7. The institute reserves the rights to accept/reject any/all quotations without assigning any reasons thereof.
8. Complete set of manuals for the operation and servicing of equipment should be given. All circuit diagrams of the mechanical and electrical schematics must be provided to main unit, sub systems and accessories.
9. Installation and commissioning: The manufacturer should undertake to install and commission the equipment and all accessories and also demonstrate the performance at site.
10. Clearly specify the installation requirements such as power, frequency, environment (Temperature and Humidity), compressed air with its quality etc.
11. Quote should be valid for at least three months
12. If the item is proprietary in nature, proprietary certificate should be attached.
13. If the bidder is an Indian agent, the agency certificate should be enclosed.
14. Please produce compliance certificate for the specifications.



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Dr. S. Ghosh
Indentor for the above purchase items
Assistant Professor
Dept. of Mechanical Engg.
IIT Delhi.