



# Department of Electrical Engineering, Indian Institute of Technology, Delhi

Hauz Khas, New-Delhi -110016, India

NIQ no. IITD/EE/PLN03-BEEN

Due Date: **11.6.2013, 5 PM**

## **Notice inviting quotations for a Stereo Microscope**

Sealed quotations are invited for a Stereo Microscope. The purchase will be made through a two part bidding process. Technical and Financial bids have to be made separately. Complete technical information should be provided along with the Technical bid. Please refer to the page on Terms and Conditions for details on how and when to submit the Technical and Financial bids.

### **Required Specifications for the Stereo Microscope**

1. Microscope Type: Stereo Microscope with minimum 10:1 Zoom ratio should be provided. The microscope body should have built-in aperture diaphragm, and 30 degrees inclined trinocular observation tube. The microscope should have Fine & Coarse focusing unit with rack & pin roller guide. Magnification should range from 3.2X up to 126X with various objective combinations.
2. Eyepiece: Wide field eyepiece should be present in the microscope. 10X focusing eyepiece should be present, Field No. 22. The microscope should have Trinocular head with provision for attaching camera.
3. Objective: Distortion free plan apochromat objective (1X, W.D. 81 mm) and Distortion free plan objective ( 2X, W.D. 33.5 mm) should be provided.
4. Optical System: Objectives shall be high resolution type & shall be compensated for spherical, chromatic & wave front aberration.
5. Illumination: Ring Light Guide Illuminator with light source for Light guide with Light balancing filter 30.5mm dia, and Green filter. 30.5mm dia. should be provided.

**Asst. Prof. A. Dhawan**

(On behalf of Nanoscale Research Facility, i.e. NRF)

### **Terms and Conditions**

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid” respectively. Both the sealed envelopes should be sent in a single sealed envelope, clearly marked as “Stereo Microscope”. The quote should reach the following address on or before **11.6.2013, 5 PM:**

Dr. A. Dhawan  
Block II, Room 216,  
IIT Delhi, Hauz Khas,  
New Delhi, 110016, India

2. Please quote prices at FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupees for Indian agents, or in foreign currency, for foreign agents, and needs to be valid for at least three months.
4. Attach all the technical literature and a list of similar installations done in India.
5. If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed.
6. Complete set of manuals for the operation of the equipment should be given.
7. Clearly specify the installation requirements – such as space, power, frequency, environment etc.
8. If the item quoted is proprietary in nature, please enclose proprietary certificate from the principals stating, “Certified that \_\_\_\_\_ is a proprietary of M/s \_\_\_\_\_ and no other manufacturer makes this item.”
9. Please attach a signed and stamped compliance chart for the specifications. The format of the compliance chart is attached to this document.
10. Please specify all of your terms and conditions clearly, including delivery period.
11. Preferred modes of payment for foreign agents are through letter of credit, or as payment on delivery. For Indian agents, typically payment is on delivery.
12. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

**Asst. Prof. A. Dhawan**

(On behalf of Nanoscale Research Facility, i.e. NRF)

## Compliance Chart

Parameter	Requirement	Model Spec	Complies
Microscope Type	Stereo Microscope with minimum 10:1 Zoom ratio. Microscope body should have built in aperture diaphragm, & 30 degrees inclined trinocular observation tube. Fine & Coarse focusing unit with rack & pin roller guide. Magnification range from 3.2X up to 126X with various objective combinations.		
Eyepiece	Wide field eyepiece 10X F.No.22 focusable Trinocular head with provision for attaching camera		
Objective	Distortion free plan apochromat objective 1X, W.D. 81 mm Distortion free plan objective 2X, W.D. 33.5 mm		
Optical System	Objectives shall be high resolution type & shall be compensated for spherical, chromatic & wave front aberration.		
Illumination	Ring Light Guide Illuminator with light source for Light guide with Light balancing filter 30.5mm dia, and Green filter. 30.5mm dia .		