



**DEPARTMENT OF MICROBIOLOGY**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**

S. No: 62/Micro/2014-15

Dated: 11.02.2015

*A short rate enquiry (LIMITED TENDER) is floated/invited for the purchase of below mentioned item as per the specifications.*

Name of item	Qty.
<b>BINOCULAR MICROSOCPE</b>	<b>01</b>

**Terms & Conditions:-**

1. Firm should submit VAT registration certificate.
2. Authority letter from manufacturer/principal should be annexed with quote.
3. The firm is requested to submit the undertaking on the firm's letterhead that the firm has **not been black listed** in the past by any hospital/organization.
4. The firm is requested to submit the undertaking on the firm's letterhead that the firm has **no vigilance case/CBI case pending against him/suppliers.**
5. The firm is requested to submit **Fall clause undertaking** on the firm's letterhead.
6. Firm should clearly mention the **brand name** for the product.
7. Literature of the original catalogue of the product.
8. The sealed quotation should reach in **Room # 2080**, Microbiology department under two bid system on or before **17/02/2015 upto 12:00 noon** after entry being made in register.
9. The Technical Bids may be opened on **17/02/2015 at 12:30 pm** in the undersigned office.

Tender should be submitted in **TWO BID SYSTEM** containing two parts as detailed below:-

**Part I : Technical Bid in one sealed envelope**

**Part II : Price Bid in one sealed envelope**

**The sealed envelopes should then be put in one outer envelope indicating thereon:**

- a) *Reference No. of the short rate enquiry*
- b) *Item Name*
- c) *Name of the Firm*

*Those firms who fulfils/submit pre-qualification documents and meet the technical specifications shall be called for demonstration of the equipment, if felt necessary. The final technical selection will be made only after satisfactory demonstration of quoted item/model.*

**DR. IMMACULATA XESS**

## **SPECIFICATION FOR BINOCULAR MICROSCOPE**

1. **Microscope body:** Should be Upright with Infinity corrected Optical system, capable to perform Bright field and upgradable to Phase contrast, Fluorescence and dark field.
2. **Magnification range:** 40X-1000X
3. **Nosepiece:** Quadruple revolving mechanism with multiple ball bearings. Inward adjusted is preferred.
4. **Course and fine focusing:** Coaxial Coarse/Fine focusing with cross roller guide incorporated: fine motion at least 0.2mm per rotation / 37.7mm per rotation.
5. **Stage:** Should have ceramic coated rectangular mechanical stage with right hand drop down control, removable slide holder for two slides, Stage should be refocusing type (Hydraulic).
6. **Eyepiece tube:** Should have Trinocular tube with interpupillary distance of 47-75mm, adjustable by Co-axial movement.
7. **Condenser:** E2 Abbe condenser with N.A 1.25 for bright field.
8. **Eyepiece:** 10X eye pieces with at-least 20 mm F.O.V and diopter adjustment facility on both eyes.
9. **Objectives:** Long working distance Achromat objectives at least:- Achromat 10X N.A. 0.25, W.D 7.0mm or better, Achromat 20X, N.A 0.40, W.D 3.90 mm or better, Achromat 40X, N.A. 0.65, W.D 0.65 mm or better, Achromat 100X oil, N.A. 1.25, W.D 0.23 mm (spring loaded)
10. **Anti mould agent:** The system must be anti fungus treated.
11. **Illumination:** Should have white light LED based high illumination with 50,000 hrs. lamp life having fly eye optics for Eco-uniform illumination for Bright field, Phase contrast, simple polarizing observation.
12. **Power consumption:** Maximum upto 5W (For LED based).
13. **Upgradation:** System should have capability to upgrade in Phase contrast, Dark-field, Polarizing and Fluorescence technique (External illumination unit) as required. Catalogue information should be enclosed.
14. **Certification:** CE, ISO, Underwriters laboratory (UL) certification.
15. **Warranty:** Minimum 1 year warranty.