

## **M. D. University, Rohtak**

### **Tender Notice**

Sealed tenders are invited subscribed as "Tenders for Equipment" for the supply of Inverted Fluorescence microscope with digital imaging system along with earnest money equal to 2% of quoted rates on the total amount involved in the shape of Bank Draft along with a separate draft of Rs 1000/- as tender fee in favour of Finance Officer, M.D. University, Rohtak so as to reach the Head, Department of Biochemistry latest by 17<sup>th</sup> November, 2014 upto 5:00PM and to be opened on 18<sup>th</sup> November, 2014 at 11:00am. For details visit University website: [www.mdurohtak.ac.in](http://www.mdurohtak.ac.in).

  
**Registrar**  


## Specifications of Inverted Fluorescence microscope with digital imaging system (one No)

S. No	Name of Instrument	Quantity
1	Inverted Fluorescence microscope with digital imaging system	1

### Specifications

**Make:** Nikon, Olympus, Leica

**Specifications:** Universal Infinity corrected optical system with application of Brightfield, Apodized phase contrast & Epifluorescence and upgradable in future; Inverted sturdy microscope with quadruple nosepiece, transmitted light Intensity control and light on/off switch, trinocular eyepiece tube; High intensity LED/halogen illuminator with minimum time of 45000 Hrs; with attachable mechanical stage that can accept several micro test plate holders; Filter- Green interference; Eyepiece: 10X eyepiece having min F.No. 20mm with diopter adjustment; condenser with non centrable phase slider

**Objectives:** Plan Achromat objectives suitable for Bright field and Phase Contrast of fluorescence application with following NA and WD (minor deviation according to model suitability accepted).

4X	NA 0.10mm	WD 18.5mm
10X	NA 0.25mm	WD 8.8mm
20X	NA 0.40mm	WD 3.2mm
40X	NA 0.55mm	WD 2.2mm

### EPI-FLUORESCENCE ATTACHMENT

Precentred Mercury Fibre Illuminator of 120/130W with facility for no heat and electrical noise transfer from lamp to the microscope body is conducted, lamp should have lifetime of 2000 hrs or more; Main body must hold 2 fluorescence filter blocks and one empty position for bright field. Filters: DAPI (Blue), FITC (Green) & TRITC (Red)

The microscope should come with digital High Resolution dedicated CCD Camera capable of handling brightfield, fluorescence, and Phase contrast images; at least 3.3 Mega pixel resolutions or more; Live display mode; 30 frame per / sec at full field of view; Should have separate modes for different microscopy techniques i.e Brightfield, fluorescence, darkfield images.

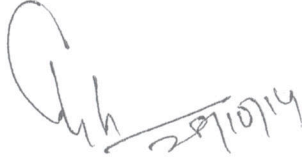
Image analysis software should have features like linear measurements, time lapse, image processing, snap/movie acquisition, line profile, gallery view, annotations, data exports and statistics, multi-dimensional imaging processing.

## TERMS AND CONDITIONS GOVERNING THE TENDERS FOR THE SUPPLY

1. Every tender shall be accompanied by the earnest equal to 2% of the involved value. The earnest money along with Rs 1000/- as tender fees should be deposited through Bank Draft in favour of the Finance Officer, M.D. University, Rohtak, payable at the State Bank of India, Maharshi Dayanand University, Rohtak.
2. The tender received without earnest money or after the due date shall not be entertained except with the special approval of the competent authorities.
3. The supplies shall be executed within the time specified in the supply order which may be extended by the Registrar on other application of the supplier explaining reasons/circumstances due to which time limit could not be adhered to. In the event of the supplier failing to supply the material within time, he shall be liable to pay as compensation an amount equal to one percent or such small amount as the Registrar may decided on the said amount of the contract, for every day that the quantity remains incomplete, provided that the entire amount of compensation shall not exceed 10 percent of the total amount of the contract. An appeal against these orders shall however lie with the Vice Chancellor whose decision shall be final.
4. In case the contractor backs out of his contract, the earnest money deposited by him shall be forfeited besides any other action as may, be considered necessary by the Vice-Chancellor.
5. All the charges including packing, forwarding and installation; taxes and other levies should be specified in the tender. The charges etc. not specified in the tender shall not be paid.
6. The quantity of material/supplies shall be subject to increase or decrease on the tendered rates. This increase or decrease shall be communicated by the University within 30 days of acceptance of the tender.
7. Supplies shall be made as per the schedule and within such time as is indicated in the supply order.
8. 100% payment will be made on receipt and inspection of, goods to ensure the specifications and their good condition.
9. The rates accepted by the University shall be applicable up to 31.03.2015 and the supplier shall have to make supply during the period as and when required.

10. The tenders shall be opened on 18-11-2014 at 11.00 a.m. by the purchase in 'the presence of contractor/supplier and the Committee reserves the Committee right for negotiation thereafter if considered necessary.
11. The Registrar reserved the right to reject or accept any offer without assigning any reasons.
12. All disputes subject to Rohtak jurisdiction.
13. Guarantee/warranty of items must be mentioned.
14. The University stands exempted from the payment of Central Excise Dufy/Custom Dufy. The rates be quoted keeping that fact in view, Necessary certificate will be provided by the University.
15. No tender documents will be issued and rates are to be officered on company's letter pad.
16. If a holiday occurs on the opening day, the tenders will be opened on the next working day.
17. The tenders received not in proper sealed cover shall not be considered and will be liable for rejection in a straightway.
18. Rates for each item are to be quoted in a separate letter head and are to be sent in a separate cover.

  
28/10/14  
**Registrar**

  
28/10/14  
**HOD, Biochemistry**