

BHARATHIAR UNIVERSITY : COIMBATORE :641 046

BU/DBT/DST-FIST/ 2009-10/

10.03.10

TENDER NOTICE

Sealed Tenders are invited by The Registrar, Bharathiar University, Coimbatore-641 046 upto **26.03.2010** at 4.00 p.m. for the supply of “Inverted & Phase Contract Microscope with image Analyzer” for use in the Department of Biotechnology, Bharathiar University, Coimbatore.

Tender documents can be obtained from the Registrar’s Office, Purchase section(D section) during working days of this University from **10.03.2010 to 25.03.2010** upto 4.00 p.m. on payment of **Rs. 1560/-** by cash in the Finance section or by sending Demand Draft drawn in favour of “The Registrar, Bharathiar University, Coimbatore- 641 046”.

Tender documents can also be downloaded from the University website: www.b-u.ac.in. The cost of the tender documents has to be attached in the form of DD while submitting the downloaded tenders forms.

REGISTRAR

BHARATHIAR UNIVERSITY :: COIMBATORE: 641 046.

**TENDER CONDITIONS AND INSTRUCTIONS FOR THE SUPPLY OF INVERTED& PHASE
CONTRACT MICROSCOPE WITH IMAGE ANALYSER**

1. Sealed Tenders will be received by the Registrar, upto 4.00 p.m. on 26.03.2010 for the supply of Inverted & Phase Contract Microscope with Image Analyser to the Department of Biotechnology, Bharathiar University, Coimbatore as given in the schedule.
2. The tender shall be submitted in sealed cover super scribed as tender for the supply of Inverted & Phase Contract Microscope with Image Analyser to the Department of Biotechnology due on 26.03.2010.
3. Tender will be opened on same day on 26.03.2010, at 4.00 p.m.
4. Each tender shall be accompanied with an EMD amount as given below either in the form of Demand Draft drawn in a Nationalized Bank in favour of the The Registrar, Bharathiar University, payable at Coimbatore or in the form of Challan or Cash Receipt paid in the Finance Section, Bharathiar University. Cheques will not be accepted. Tenders without EMD shall be summarily rejected. EMD will not carry any interest.

Inverted & Phase Contract Microscope with Image Analyser – Rs. 12,400.00

5. Tenders received late will be returned to the tenderer unopened.
6. The tenderer should quote his rate in figure and words in the tender schedule. Corrections or overwriting if any shall be attested with the full signature of the tenderer. The tenderer should sign on each page of the tender document.
7. Taxes or any other charges if any shall be clearly quoted.
8. The rate quoted shall remain stable for delivery at University campus. No revision of rates at any cost will be accepted.
9. The tender shall be valid for a period of 90 days from the date of opening. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it is opened, the EMD will be forfeited.
10. The EMD of the unsuccessful tenderers will be refunded based on the request of the tenderer after the tenders are disposed of by the competent authority.
11. Successful tenderer shall remit a security deposit of 5 to 6 % based on the accepted value (including EMD already remitted) and executed an agreement on stamp paper to the value of Rs. 100.00. Failure to execute the agreement within the stipulated time will entail in forfeiture of the EMD. Security Deposit will be refunded after audit/warranty period is over.

12. The material should be supplied within the stipulated period mentioned in the supply order. If the supply is not made within the period the supply order will be cancelled and the EMD will be forfeited.
13. The materials quoted shall conform to ISI Standard. The make of the materials shall be mentioned in the tender.
14. Any dispute arising out of this contract shall be settled only at the court having jurisdiction of Coimbatore.
15. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.
16. Regarding the acceptance of supply with reference to the specification and quality of material supplied, the decision of University Registrar shall be final.
17. The University's general rules for the supply of the materials and works will apply on this purchase also.
18. In case downloading the conditions from the University website, the applicants must enclose a Demand Draft for Rs.1560/- towards the tender cost.
19. The tender is submitted subject to and agreeing to the above conditions.

Details of EMD Amount (to be fill by the tenderer)

DD/Challan/Cash Receipt No.:
Date:
Bank:
Rs.

Details of Tender cost (to be fill in by the tenderer)

DD/Challan/Cash Receipt No.
Date:
Bank:
Rs.

SIGNATURE OF THE TENDERER
Mobile No:

Schedule

Specifications for Inverted & Phase Contract Microscope with Image Analyzer

S.N	Specification	Qty
1	Microscope should be configured for fluorescence as well as light and dark field imaging.	1 No
2	Frame: Microscope frame equipped with illumination of 6V and 30W Halogen bulb	
3	Observation Head: Trinocular tube with fixed light pass	
4	Condenser: Phase contrast slider ; Centrable with phase ring for 10X, 40X, 100X	
5	Objectives: Plan Achromat phase objective of 10X;Long working distance achromat phase objective 20X;Long working distance achromat phase objective 40X;Long working distance achromat phase objective 100X	
6	Eye Piece: Wide field eye piece of 10X	
7	Stage: Stage positioned with right-handed coaxial drop down controls ; Mechanical stage should be able to hold petri dish , Terasaki-plate, glass slide and Culture flask.	
8	Nosepiece: Sextuple nose piece	
9	Filters: Light balancing filter and green filter	
10	Fluorescent illumination: Heat absorbing lamp house for 50 W mercury bulb ; 50 W mercury bulb	
11	Fluorescent filters: Blue Excitation Filter and Green Excitation Filter; Neutral density filter; Fluorescent filter block holder; UV shield; and other accessories essential for fluorescent attachment has to be ovided.	
12	Spares: 2 nos each of 6 volts 30 watt halogen lamp and 100 W Mercury lamp	
13	Research camera: CDD digital firwire cooling camera with minimum 12 bit per RGB color channel; minimum of 3 mega pixel resolution; suitable camera adaptor should be provided.	
14	Image analysis software: Image capture; Automated measurement of distance between 2 points, radius, angle, counting, etc. (These measurements must be exportable to excel/other programs); Automatic classifier which can classify images based on RGB, HIS,HSV/YIQ content; Control of illumination; Image stitiching; Time lapse – Images should be captured at different time intervals and the time lapse images have to be stored as movies and viewed later; Report Generator; Display of images with grid overlays; An option to focus image with EDF (Extented Depth Focus); Live comparison of images; File management; Visualize the image data with Scattergrams, histograms, line profiles and surface plots.	
15	High operating computer for data storage and to operate camera and analysis software should be provided	
16	Installation to our satisfaction.	
17	Warranty	

Signature of the Tenderer
Mobile No.