



# तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

- कुलाध्यक्ष का सर्वोत्तम विश्वविद्यालय पुरस्कार, 2016 और एनआईआरएफ भारत रैंकिंग 2016: नं. 05
- Visitor's Best University Award, 2016 and NIRF India Ranking 2016: No. 05

कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

## SHORT QUOTATION NOTICE

TU/11-24/Pur/Qtn/2017-18/137-A dated:-12.04.2017.

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the Department of Environmental Science (DST-FIST Programme), Tezpur University.

### **Item : Upright Fluorescence Microscope with dedicated microscopic Imaging Systems**

#### **Specifications:**

##### **Frame:**

Microscope stand with revolving nosepiece and high color reproducible LED/Halogen transmitted light source application and high sensitivity fine focusing Knob minimum adjustment of 1 Micrometer.

##### **Optical system:**

Infinity color corrected for maximum S/N ratio and best optical performance from UV to near-infrared.

##### **Stage:**

Double layer rotatable mechanical stage of proportionate size with anti-corrosive and anti-friction arrangements and suitable moving range.

##### **Reflected fluorescence illumination system:**

Reflected Koehler illumination with alterable field diaphragm and aperture diaphragm with mercury lamp house and filament adjustable knob and mercury bulb with wide voltage range (100-240 V).

##### **Fluorescence attachment:**

EPI fluorescence attachment with mercury burner with 6 filter cube cassette having four filter blocks of Blue, Green, UV, and Violet with all standard accessories like excitation filter, fluorescence mirror, and barrier filter. The microscope with specified filter blocks should be suitable for required excitation techniques.

##### **Observation Tube:**

Wide field Trinocular observation tube with interpupillary distance adjustment of 50-76 mm, (F.N.22). Must have the Trinocular port for Photomicrography attachment.

##### **Condenser:**

Abbe or swing type achromatic condenser with phase slider for phase objective 20X.

##### **Objectives:**

Infinity or Achromatic Plan Fluorescence Objectives: 4X (N.A. 0.10), 10X(NA0.25), 20X(0.4) 40X(NA 0.75/0.65), and universal plan semi apochromate 100X (NA1.30/1.25) oil for better resolution.

**Eyepieces** Widefield eyepieces with diopter adjustment 10X(F. N. 22 or more )

Interference Green Contrast Filter, dust cover, daylight filter.

##### **High Resolution Camera, Software, and data acquisition systems:**

5 or more mega-pixel CCD cooled @ 10 degree C Bellow ambient. camera suitable for Real Time Viewing with real time measurements on live image facility and real time image preview and capture with true color imaging, auto / manual exposure, auto / manual white balance, darkfield correction, time lapse sequence, scale bar facility (Micron Bar), magnifying function, and compatible software. Full control over all camera features, including Binning for increased sensitivity, ROI for increased image capture speed and image cropping. The data acquisition system must be equipped with core i3 processor, 500 GB HDD, Graphic card with DVD Rom, and Windows 7 or 10.

#### **GENERAL TERMS & CONDITIONS:**

1. No separate tender paper will be issued from the office; one should only download the specifications/List from the website.
2. **The rates should be preferably quoted in Indian Rupee and FOR Tezpur University, Napaam basis. Charges for clearing and transportation should be incurred by the supplier.**



# तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY

(केंद्रीय विश्वविद्यालय / A Central University)

- कुलाध्यक्ष का सर्वोत्तम विश्वविद्यालय पुरस्कार, 2016 और एनआईआरएफ भारत रैंकिंग 2016: नं. 05
- Visitor's Best University Award, 2016 and NIRF India Ranking 2016: No. 05

**कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR**

तेजपुर-784028 :: असम / TEZPUR-784028 :: ASSAM

3. Quotations should be accompanied by i) An EMD (in the form of Demand Draft/Call Deposit/TDR) of ₹. 5000/- (Rupees Five Thousand) only drawn/pledged in favor of Registrar, Tezpur University, payable at Tezpur. **No request for consideration of earlier deposited EMD will be considered.** ii) A non refundable application (quotation) fee of ₹.1000.00 (Rupees One Thousand) only have to be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur.
4. The rates should be exclusive of taxes and applicable tax % should be clearly indicated.
5. Quoted rates should be valid at least for a period of 01 year.
6. The rates should be quoted along with supporting documents of specifications and technical features and list of users.
7. All the quotations must be accompanied with supporting documents and / or literature.
8. Details of availability of after sales support will have to be furnished. After sales support directly from manufacturer and from Assam (Guwahati / Tezpur) will be preferred.
9. The University is exempted from paying Custom and Excise duty.
10. Proprietary items should be quoted with sole Manufacturer/Distributorship certificate.
11. Warranty/Gurantee period should be specifically mentioned in the quotation.
12. 10% Performance Bank Guarantee on the ordered value covering the warranty period is required for items of higher values for foreign equipment as well as Indian equipment.
13. No Advance payment will be made. However, for foreign supplier, advance payment may be considered by FDD/Wire Transfer/LC etc.. In such cases 10% Performance Bank Guarantee should be submitted before issuing FDD/Wire Transfer/LC, covering the warranty period.
14. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
15. Quoted price should be inclusive of essential accessories and should be CIF Tezpur University, Tezpur
16. Applications for release of EMD should be submitted to the Registrar/ Joint Registrar.
17. Apart from the above terms and conditions the University has the right to include any other terms and conditions as and when felt necessary.
18. Authorization/Dealership Certificate of the Company(s) whose product has been quoted has to be provided.
19. **Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University latest by 5.30 PM of 2<sup>nd</sup> of May, 2017. If posted/couriered, should reach by 5.30 PM of 2<sup>nd</sup> of May, 2017 addressed to "The Joint Registrar , Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation.**

Sd/- Joint Registrar  
Tezpur University