



NOTICE INVITING QUOTATION

TU/11-24/Pur/Qtn/2018-19/950-A Dated: 31.05.2018

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the DBT sponsored research Project of Dr. A. M. Ramteke, Department of Molecular Biology & Biotechnology, Tezpur University. Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within **3.00 PM of 29.06.2018**. If posted/couriered, should reach within the specified time and date addressed to "The Assistant Registrar-GA, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation. The Quotations received will be opened on the **29.06.2018 at 4.00 PM**. The quotationer(s) or their authorised representative(s) may be present while opening the quotations.

LIST OF EQUIPMENT(S) WITH SPECIFICATIONS

Inverted Florescent Microscope

a. **Microscope Frame:**

Frame should be stable/high static rigidity, waterproof and compact to fit in any environment. Transmitted light intensity control, and ON/OFF switch. Frame should have six revolving nose pieces. Focusing should be preferably 10 mm or more. Microscope should upgradable to DIC application in future

b. **Observation tube:**

Binocular adjustment tube with diopter adjustment

c. **Transmitted light:**

100W transmitted light illumination pillar with tilt mechanism, condenser holder, adjustable field iris diaphragm, with 4 or more filter holder

d. **Eye piece:**

10X eyepiece having 22mm field view or more with diopter adjustment. Crossed scale reticles to be supplied separately for image quantitation

e. **Mechanical staging:**

Mechanical XY stage with universal sample holder for multiwall plates, glass slides, petri-plates etc.

f. **Condenser:**

Long working distance universal condenser with 6 or more position turret, minimum 7 position disk and equipped with all transmitted light contrasting methods (BF, PH and DF). Interference green contrast filter

g. **Fluorescence attachment**

Filter turret with 6 or more positions, Adjustable aperture ad field diaphragms, should have 4 to 6 positon light filter wheel/slider. Mercury light/LED source, power supply to mercury lamp meets RoHS regulation.

h. **Fluorescence filters**

Fluorescence filter for DAPI, Hoechst dyes (violet excitation); FITC, green fluorescent protein (GFP), Alexa Fluor 488 (blue excitation); TRITC, Cy3, Alexa Fluor 546, RHOD, Mito Tracker Red CMXRos (green excitation). All filters should not have any pixel shift. All filter should have long life hard coated with band pass filter in excitation and band narrow pass filter in emission for preventing cross talk.



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament)

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i. **Objectives:**

Fluorescence grade objectives. U Plan Apochromatic phase 10X, U Plan Apochromatic phase 20X, U Plan Apochromatic phase 40X, and U Plan apochromatic phase 60X and above

j. **High resolution cooled CCD camera:**

Color CCD cooled camera minimum 12.5 mega pixel coupled with Peltier-cooling of the CCD chip for superior signal/noise ratio, Image capture and analysis software.

k. **Computer workstation:**

Branded desktop computer with i7 processor, 4GB RAM, 2TB hard drive, DVD RW and 24-28" LED monitor

l. **A suitable UPS with minimum 30 min backup should be included in the offer**

Deep freezer (-80°C)

- Volume: minimum 350 - 450 litres, vertical, provision for storing 2ml vials
- Temperature range: 50°C to 85°C
- Control: Microprocessor controlled monitoring system
- Multi-layer design for inner/outer doors, 3 – 4 compartments internal doors for each compartment
- Insulation: High density HFC blown polyurethane foam
- It should have auto voltage safeguard & adjustable warm/cold alarms
- Alarm system: audible/visual alarm system with battery backup of temperature deviation, door open, low battery
- Power consumption should be less
- Warranty: 2 years and 4 years for compressor
- It should meet the quality standards (CE & UL)
- Pressure equalization port for reopening of door within minute
- A suitable UPS with minimum 30 min backup should be included in the offer

Note: - Common for all equipment:

Please specify the time of warranty and AMC

Quotation price should include delivery of the instrument upto Tezpur University, Napaam, Assam-784028, India

GENERAL TERMS & CONDITIONS:

- No separate tender paper will be issued from the office; one should only download the specifications/List from the website.
- 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.
- 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 must be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur.
- The rates should be exclusive of GST and applicable GST in % should be clearly indicated.
- Applicable levies, surcharge and discounts should be clearly indicated itemwise.
- Quoted rates should be valid at least for a period of 01 year.
- The rates should be quoted along with supporting documents of specifications and technical features and list of users.
- The system must be installed at the laboratory, and after installation a basic training must also be provided by the supplier or their Indian counterpart without any additional costs.



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9. All the quotations must be accompanied with supporting documents and / or literature.
10. Demonstration may be sought from the vendors for authentication of quoted specification.
11. 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.
12. The University is exempted from paying Custom and Excise duty.
13. Proprietary items should be quoted with sole Manufacturer/Distributorship certificate.
14. Warranty/Guarantee period should be specifically mentioned in the quotation.
15. **No Advance payment will be made.**
16. Performance Bank Guarantee must be submitted for equipment covering the warranty period.
17. Items of Foreign origin should have Insurance up to installation site.
18. **Quoted price should be inclusive of essential accessories and should be CIF Tezpur University, Napam, Tezpur.**
19. Irresponsive/incomplete quote will be rejected.
20. Applications for release of EMD should be submitted to the Registrar/ Joint Registrar.
21. Apart from the above terms and conditions the University has the right to include any other terms and conditions as and when felt necessary.
22. The University reserves the right to accept or reject any or all the quotations without assigning any reason.

Upamit Jant
31/05/18

Assistant Registrar (GA)

Tezpur University

Memo No, TU/11-24/Pur/Qtn/2018-19/..... 950-A

dated:- 31.05.2018

Copy for information to:

1. Webmaster, Tezpur University for uploading the notice in the website.
2. Dr. A. M. Ramteke, Department of Molecular Biology & Biotechnology, Tezpur University and with a request to remain present on the date and time of opening the quotations at the office of the undersigned).
3. File.

Upamit Jant
31/05/18
Assistant Registrar (GA)