



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/2017-18/343-A. dated: 27.04.2017.

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the ICMR Project of Dr. Pabitra Nath, Department of Physics, Tezpur University.

LIST OF EQUIPMENT(S) WITH SPECIFICATIONS:

SL. No.	ITEM NAME	SPECIFICATION	
1	Laboratory Optical Components	a. Ball Lens	• Diameter (mm): 0.3, 0.5, 1, 2, 3,4,5
		b. Achromatic Doublet	• Diameter(mm): 5, 7 • Focal length(mm): (7.5, 10, 15)
		c. Dichroic mirrors	• Incident angle: 45° • Cut off wavelength: 425 nm, 510 nm 633nm
		d. Beam Splitter	• Reflection/Transmission ratio: 50/50 • Diameter: 5 mm
		e. Pin-hole	• Diameter: 5 μm ,10 μm, 50 μm
		f. Polarizer	• Diameter: 5 mm, 10mm
		g. Wave plates	• Diameter: 25.4 mm, 5mm, 10mm • Wavelength range: 465 nm – 610 nm
		h. Cover glass	• Size: 12 mm x 12 mm
		i. C-chip	• DHC-N01 • Dimension: 25 mm x 75 mm x 1.6mm
		j. Index matching liquid	• G608N3 • Refractive index: 1.4995 – 1.4378
		k. Silica beads	• 5-10 micron
l. Plano-convex lens	• Diameter: 6 mm • Focal length: 11 mm		
2	Inverted optical Microscope with CCD mounted camera (Supply installation and demonstration)	Fully motorized, 83x optical zoom Observation method: Fluorescence, differential , phase contrast, relief contrast , brightfield darkfield Illuminator : LED, Halogen Focus: Motorized Magnification changer	
3	Vibrational isolation table (supply installation and demonstration)	4' x 6' x 8.3", with 700 mm Tall Active Isolator Legs	
4	Fiber optic spectrometer	Detector range: 200-1100 nm Pixels: 2048 pixels Optical resolution: ~0.1-10.0 nm FWHM	
5	1951 USAF Resolution Test Targets	Negative and positive test target	



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6	Digital Balance	4 decimal resolution
7	Smartphone	<ul style="list-style-type: none">• at least 12 MP camera with autofocus facility and dual pixel sensor• Powerful processor (Snapdragon)
8	3D printer + Software + Printing Cartridge (Supply installation and demonstration)	Build Volume: 29.5 L X 19.5 W X 16.5 H CM Layer Resolution: 100 microns Filament Diameter: 1.75 mm
9	Desktop/laptop computer	1TB HDD, 16 GB RAM, Intel core i7 processor with clock speed 4.8 GHz, 4GB Graphics Card with UPS
10	Google Sketch-Up Pro software For professional user	
11	External hard disk	2 TB with shock proof case
12	Color LaserJet Printer	Printer quality 600x600 dpi(2400dpi with image Ret 2400) Printer language PCLm/PCLms Processor speed: 600 MHz
13	x-y-z motorized controlled micrometer resolved translational stage with relevant actuators and controller	Translational length 12mm (0.47") Minimum step size 0.1 μ m Bidirectional repeatability: 1.5 μ m Vertical load capacity ;10 lbs (4.5 KG) Drive voltage 0-150V
14	Optical mounts for honeycomb breadboard	For 18mm square fixed filter holder, 5mm optic diameter mount English stainless mounting posts 1.5 inches 2.5 inches, 3.0 inches, diameter 0.5 inches
15	Post holders for optical breadboard	Length: 25.4mm, 38mm
16	Optical Microscope (Compound) with CCD Camera Mounted (Supply, Installation and Demonstration)	1000x/2000x magnification

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.
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. Applicable levies, surcharge and discounts should be clearly indicated itemwise.
6. Quoted rates should be valid at least for a period of 01 year.
7. The rates should be quoted along with supporting documents of specifications and technical features and list of users.



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8. 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.
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. However, for foreign supplier, advance payment will be made either by FDD/Wire Transfer/LC. In such cases 10% Performance Bank Guarantee should be submitted before issuing FDD/Wire Transfer/LC, covering the warranty period.
16. Performance Bank Guarantee also has to be submitted for Major equipments of Indian origin, covering the warranty period.
17. Items of Foreign origin should have Insurance up to installation on site.
18. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
19. Quoted price should be inclusive of essential accessories and should be CIF Tezpur University, Tezpur
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. **Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within 21 days from the date of publication of this notice. If posted/couriered, should reach within 21 days from the date of publication of this notice 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