



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament)
कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR
नपाम :: तेजपुर - 784028 :: असम
NAPAAM :: TEZPUR - 784028 :: ASSAM

SHORT QUOTATION NOTICE

TU/11-24/Pur/Qtn/2017-18/...5363... Dated: 21/2/18.....

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the DeitY sponsored research Project of Dr. Nidhi S. Bhattacharyya, Department of Physics, Tezpur University. Those who have participated in response to our Earlier Notice No. **TU/11-24/Pur/Qtn/2017-18/4247-A** dated **28.12.2017** need not participate again. However, revised offer/quotation if any may be submitted in reference to their earlier offer/quotation, and in such cases no Tender Fee and EMD is to be paid.

LIST OF EQUIPMENT(S) WITH SPECIFICATIONS:

PCB engraving with 3D printing support machine:

▪ Functions required:	Milling single, double-sided PCBs, multilayer and RF boards
▪ Design Software:	Mandatory (Language: English)
▪ Smart Interface:	Required
▪ Max. material size and layout area (X×Y×Z):	>250 mm×250 mm×5 mm
▪ Travel speed diagonal (X×Y):	> 40 mm/s
▪ Milling spindle (rpm):	> 40,000 rpm
▪ Drilling speed:	>50 holes/min
▪ Repeatability:	<± 5 µm
▪ Mechanical resolution (X/Y):	< 1 µm
▪ Resolution (Z):	< 0.5 µm
▪ Precision:	< ± 20µm
▪ Accuracy in the fitting hold system:	< ± 20 µm
▪ Vacuum Table:	Best if included
▪ Structure holder Resolution:	< 200 µm
▪ SMT capability:	Optional
▪ Mechanical Milling:	Required
▪ Material support for milling:	PCB, Wood, Acrylic, aluminium, copper, steel
▪ Milling bit support:	End mill, Carbide PCB engraved bit,
▪ LASER Structuring:	Required
▪ Laser Head power:	2Watt (min.)
▪ Laser safety goggles:	Required
▪ 3D Printing	Required
▪ 3D Printer (specs)	
i. Nozzle Diameter:	i. 0.4 mm (atleast)
ii. Filament Diameter:	ii. 1.75 mm (atleast)
iii. 3D Printing Platform:	iii. 234.67 x 239.98 mm 9.24 x 9.45 in (approx.)
iv. 3D Printing Build Volume:	iv. 165 x 165 x 165 mm 6.5 x 6.5 x 6.5 in (approx.)
▪ 3D Printer Filament Support:	ABS,PLA, Nylon



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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 must be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur.*
4. The rates should be exclusive of GST and applicable GST in % 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.
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/Gurantee 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 must 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 7 days from the date of publication of this notice. If posted/couriered, should reach within 7 days addressed to "The Joint Registrar, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the envelope/packet containing the quotation.**

Joint Registrar
Tezpur University

Memo No, TU/11-24/Pur/Qtn/2017-18/...5363-A

Copy for information to:

1. Webmaster, Tezpur University for uploading the notice in the website.
2. Dr. Nidhi S. Bhattacharyya, Department of Physics, Tezpur University.
3. File

Joint Registrar

dated: 21/2/18