



तेजपुरविश्वविद्यालय/ TEZPUR UNIVERSITY
(केंद्रीयविश्वविद्यालय/A Central University)

कुलसचिवकाकार्यालय/OFFICE OF THE REGISTRAR

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

NOTICE INVITING BID

TU/GeM/BoQ-Bid (167)/2023-24/3747 Date **21/02/2024**

Bids in 02 Bid System (Technical and Financial) are invited on GeM from reputed manufacturers/authorized dealers for supply of **Laboratory Items** for Department of Physics of Tezpur University.

Please read the Bid document carefully before participating. It shall be deemed that submission of bid by the bidder has been done after their careful study and examination of the Bid terms with full understanding to its implications. Any lack of information shall not in any way relieve the bidder of its responsibility to fulfill its obligations under the Bid.

The University will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for, or in executing, the Purchase Order. Fraudulent Practice means a misrepresentation of facts in order to influence a procurement process and includes collusive practice among bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive Tezpur University of the benefits of free and fair competition. Corrupt Practice means offering, giving, receiving or soliciting of anything of value, pressurizing to influence the action of a public official in the process of this purchase execution.

For any queries/doubt please contact the Stores & Purchase Section (e-mail: snp@tezu.ernet.in) or in the email id mentioned in the GeM Bid.

GENERAL TERMS & CONDITIONS:

1. The items desired to be procured through this bid are supplementary to each other and in execution of the project in entirety, as such interested participants may note that they are to quote for all the items as desired to be procured through this bid.
2. **Rates:** Rates quoted should be on **FOR Tezpur University, Napam, Tezpur, Door Delivery Basis**, for indigenous items and **CIP Tezpur University, Napam, Tezpur or Delivered Duty Paid**, for imported item. Failure to comply with this term may lead to rejection of the quotation.
3. **Quotations should be accompanied by** i) **An EMD (in the form of Demand Draft/Banker Cheque) for Rs. 14,000/- (Rupees fouteen thousand) only drawn in favor of Registrar, Tezpur University, payable at Tezpur. No request for consideration of earlier deposited EMD will be considered.** ii) **Bidders who are MSME/NSIC registered** needs to furnish a "Bid Security Declaration" (format enclosed at Annexure – II) **in lieu of EMD** accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for a period of Three (03) years from participating in any future bid invited/published by Tezpur University. **Bidders who are MSME/NSIC registered seeking exemption from payment of EMD are to submit valid documents in support of their claim. Bidders seeking exemption are asked to clearly mention the category under which exemption is claimed. The category of exemption under MSME/NSIC will be strictly adhered to.** iii) **The original copies of the EMD/Bid Security Declaration should be deposited/submitted/reach the office of the undersigned before opening of the Bids in an envelope superscribed as "Quotation/Participation Fee and EMD for TU/GEM/BOQ-BID/(167)/2023-24/3747DT-21/02/2024 addressed to the Assistant Registrar-GA, Tezpur University. Failure to do so may result in rejection of the bid.**
4. Bidders/Tenderers are to ensure that they are GST compliant and that their quoted tax structure/rates are as per GST law. The rates should be exclusive of taxes and applicable



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- tax percentage should be clearly indicated. Financial/Price Bid format where taxes cannot be mentioned separately, in such cases, the percentage of taxes applicable should be mentioned in the Technical Bid document.
5. **Validity of Quotation:** Quoted rates must be valid for at least **180 days** from the last date of submission of quotation.
 6. Applicable levies, surcharge and discounts should be clearly indicated item wise.
 7. The rates should be quoted along with supporting documents of specifications and technical features and list of users, wherever applicable.
 8. **Literature a must:** All the quotations must be supported by technical leaflet/literature and the specifications mentioned in the quotation must be reflected/ supported by such technical leaflet/ literature. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.
 9. **After Sales Service Guidelines:** In case of imported goods, bidders should clearly state the detailed address, contact number and email ids of 'after sales service centre' preferably in Tezpur/Guwahati, India or any place in Assam without which their offers shall be liable for rejection. Service against any complaint must be provided within 24hours.
 10. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must upload valid dealership certificate.
 11. **Quality Certificates:** Valid certificate to prove that the products are genuine and of international standard, as mentioned below, must be uploaded: (a) Manufacturer's certificate; (b) ISO/ISI certificate.
 12. **Genuine Pricing:** Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this item has been sold, particularly to Universities/IITs/Institutes and other Government Organization.
 13. **Payment:** 100% payment after successful delivery, installation and commissioning (if required in the scope of supply) and acceptance by the user.
 14. **PENALTY FOR DELAYED DELIVERY:** The date of delivery should be strictly adhered to. In the event of delayed delivery, installation & commissioning, the vendor shall be liable for a penalty deduction as per prevailing rule.
 15. **As per GoI Notification vide: 11/22 dated 14.11.2022 GST % for Public Funded Research Institution or a University has been reduced to 18%. Hence, the rate of GST may be charged as per reduced rate. An Exemption Certificate will be provided on request.**
 16. The University is exempted from paying Custom and Excise duty.
 17. Warranty/Guarantee applicable if any, period should be specifically mentioned in the quotation.
 18. Irresponsive/incomplete quote will be rejected.
 19. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Printed conditions mentioned in the tender bids submitted by vendors will not be binding on Tezpur University.
 20. **Enquiry during the course of evaluation not allowed:** No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative (Tezpur University) can make any enquiry/seek clarification from the bidders. In such a



situation, the agency shall extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period notice, as such the bidders have to be ready for the same.

Termination for default: Default is said to have occurred

- a. If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- b. If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by Tezpur University.
- c. If the supplier fails to perform any other obligation(s) under the contract.
- d. Under the above circumstances Tezpur University may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable. In addition to above, Tezpur University may at its discretion also take the following actions: Tezpur University may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate Tezpur University for any extra expenditure involved towards goods and services obtained. Besides, the Vice-Chancellor, Tezpur University, and reserves the right to impose any other form of penalty as deemed fit including blacklisting of the vendor.

21. Selection criteria:

i. Evaluation Criteria:

To ensure that each bidder has the necessary qualifications and resources to full fill its obligations under the contract, the following criteria shall be evaluated. The Eligibility, Financial, Experience & Support criteria should be passed before the technical criteria. Technical criteria will be evaluated and ranked by the award of ACCEPT and/or REJECT. Only the ACCEPTED vendors will be considered for price bid. In case a joint venture makes a bid, any one of the members of the joint venture need to be qualified for each of the criteria mentioned below.

ii. Eligibility Criteria:

- a. The bidder or the OEM should not be blacklisted by Tezpur University or any other Educational /R&D/ PSU/ Govt organizations. A certificate or undertaking to this effect must be submitted.

iii. Technical Criteria

Technical bids will be evaluated and ranked by the award Accepted & Rejected. The price bids of Accepted vendors would then be considered by the concerned Purchase Committee of the institute.

Delivery Period

22. The delivery installation and commissioning should be completed with **30 Days** of the award of BID without any deviation.

AC.
21/2/24
Deputy Registrar-GA
Tezpur University



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Technical Specifications cum Compliance Report

(To be submitted on Company's/Firm's Letterhead Signed and Sealed)

Sl. No.	Item	Specifications
1.	ANDERSON BRIDGE SETUP	<p>Should have the following features:</p> <p>Should have Oscillator and Null Detector. Should be able to measure unknown value of Inductance. Should have the following inbuilt parts: (a) fitted in a ABS Plastic case, (b) AC Source, (c) Sine wave signal generator of 1 KHz.</p> <p>Indicator light for Amplitude of AC switching. Sockets for output of AC signals. Detector for detecting small AC signals in the output. In-built Null Detector with digital display. Clear circuit layout on the board for working & clear understanding. 4mm sockets for making connections. Single decade resistance dials having values: 100 ohms, 10 ohms and continuously variable resistance from 0-100 ohms connected in series with the dial R. Three decade resistance dials having value 10 ohms -1000 ohms, 10 ohms -100 ohms and 10 ohms -10 ohms. Fixed standard resistances having value 1000 ohms. Two Fixed standard capacitors having value 0.1mf and 0.2 mf (loss free).</p>
2.	DE-SAUTY BRIDGE SETUP	<p>The bridge should be able to measure the unknown value of capacitance. The instrument should have the following in built parts fitted in ABS Plastic case : AC Source: The Bridge should consist of sine wave signal of 1 KHz. The Amplitude of AC switch indicating lamp should be provided on the Bakelite board. At least two nos. sockets are to be provided for the output of AC signals. Detector: Should be able to detect small AC signals in the output. Should have in-built Null Detector with digital display. The circuit layout on the board should be clear and convenient to understand. The connecting sockets: 4mm. Other features: The second resistor arm in the bridge should have three decade resistance dials having value 10 x1000, 10 x100 and 10 x10 ohms. The first resistor arm in the bridge should have single decade resistance dial having value 10 X 100 ohms.</p>



		Should have the provision to fix the unknown capacitor. Should have two nos. of fixed standard capacitors having value 0.01 mf & 0.1 mf (loss free). Terminals are to be provided for external connections to connect unknown capacitor.
3.	POST OFFICE BOX SETUP	Should have 6 dials (Manganin Coil) with 6-decades, four series dials for resistance 1, 10, 100 & 1000 ohms and 2-ratio dials. Two terminals for using the series dials as on ordinary dial type resistance box. The galvanometer and battery key should be fitted with contacts. Range of measurement should be from 0.001ohms to 10000 ohms. Coils are to be non inductively wound with manganin wire. Accuracy of the output should be + 0.2% to 0.05% A grade.
4.	ULTRASONIC INTERFEROMETER (FOR LIQUID)	Should be able to measure the velocity of ultrasonic wave in different liquids. Should be able to measure velocity combining with other physical quantities provides information at least 30 nos. of parameters.
5.	LATTICE DYNAMIC KIT	Should have Audio Oscillator of 100 KHz. Should have built in power supply and output stage to match the Impedance of Simulated Lattice. Should consists of Transmission line, which Simulates one-Dimensional Mono-atomic and Di-atomic Lattices. Should have LCD Based Frequency Counter on the panel to measure frequency.
6.	STEFAN'S CONSTANT KIT	Should be able to use in teaching laboratory. Should have inbuilt power supply (0 to 30 volts), inbuilt volt meter (0 to 30V range), inbuilt milli-amp meter (0 to 50mA), Operating humidity should be 90%. The kit material should be Metallic. Power Supply should be: AC mains.
7.	BOLTZMAN CONSTANT KIT	Should be able to use in teaching laboratory. Should have inbuilt digital temp meter, volt meter, milli-amp meter, oven, adjustable regulated power supply. Should have selector switch for different temperature. Should have in-print circuit diagram over the panel board. The kit material should be Metallic or Plastic. Power Supply should be: AC mains.
8.	CATHODE RAY OSCILLOSCOPE (CRO)	Should have the following features:
	Screen	Green phosphor
	Vertical Frequency Response	+ 3db 4 Hz 1.2 MHz + 6db 3 Hz 2 MHz
	Sensitivity	0.09 RMS volts per inch at 1KHz
	Input Impedence at 1 MHz	2.6 Meg ohms at x 1 3.3 Meg ohms at x 10 and x 100
	Horizontal Frequency	+ db 2 to 245 KHz



		Response	+ 6 bd 1 650 KHz
		Sensitivity	0.275 RMS volts per inch at 1 KHz Input Impedance 25 Mfd shunting
		Input	230 volts A.C., 50 Hz
		Sensitivity	10 mv RMS / cm
		Band width	5 Hz to 50 KHz (3 db)
		Input Impedance	5M / 20 PF Normal
		Distortion	1% Max 3 cm trace
		Time Base	20 Hz to 75 KHz
		Beam Shift	Full width of screen on X & Y axis
		X axis	Linear time base 50 Hz sine
		Attenuation	In Y Amplifier
		Test Signal	50 Hz 1V and 10 V R.M.S. full filtered
9.	FUNCTION GENERATOR	Should have the following features:	
		frequency range	0.2Hz - 200KHz in decade steps.
		Audio Frequency	1Hz to 200KHz
		Computable Wave	Sine, Square, Triangle
10.	POWER SUPPLY (5V)	Should have the following features:	
		Should be solid state IC regulated power supply	Output : 5 volts, 1 ampere
		Material	Plastic
		Preferable Colour	Black
		Type	Electrical
		Power	AC Mains
		Automation Grade	Manual
11.	HE-NE LASER (RED)	Should have the following features:	
		Output Power	2 mW
		Material	Metal
		Preferable Colour	Black
		Automation Grade	Manual
12.	HE-NE LASER (GREEN)	Should have the following features:	
		output power	2.0mW
		Wavelength λ (nm)	543.5
		1/e ² Beam Diameter (mm)	0.79
		Beam Divergence (mrad)	0.88
		Mode	TEM00
		Polarization	Linear
13.	STOP CLOCK	Minimum duration should be 60 minutes. Metal Body, Smith Type, Fly Back Action.	



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Annexure-I

(To be submitted on Company's/Firm's Letterhead signed and sealed)

Bid-Security Declaration Form

Date: _____
Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that: *

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of three year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

(a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

(b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing he Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of: (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid).