

# तेजपुर विश्वविद्यालय /TEZPUR UNIVERSITY

केंद्रीय विश्वविद्यालय/A Central University

## कुल सचिव का कार्यालय / OFFICE OF THE REGISTRAR

तेजपुर – 784028, असम /TEZPUR – 784028, ASSAM

नाक' द्वारा 'ए+' ग्रेड प्राप्त, एनआईआरएफ रैंकिंग में भारत के शीर्ष 100 विश्वविद्यालयों में स्थान प्राप्त  
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### **NOTICE INVITING BID**

**GEM/2024/B/**

**Date:**

**Bids in 02 Bid System (Technical and Financial) are invited on GeM from reputed manufacturers/authorized dealers for supply of "Electrochemical Workstation with Rotating Ring Disk Electrode System and Electrochemical Impedances" for the SERB/DST project of Dr. Pankaj Bharali, Department of Chemical Sciences of Tezpur University.**

***The earlier bid floated vide Bid Number: GEM/2024/B/4925701 Dated: 08.05.2024 is hereby cancelled. The bidders who had submitted their bids in response to the above tender notice are requested to submit their bids afresh.***

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](mailto: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 (2% of bid value) (in the form of Demand Draft/Banker Cheque) for Rs. 33,966/- (Rupees Thirty Three Thousand Nine Hundred Sixty Six) 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 – I) 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**

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**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 (State GeM Bid No) addressed to the Deputy 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 the applicable 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 (wherever applicable):** 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 (wherever applicable)::** In case of imported goods as well as local 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 (wherever applicable)::** 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. The University is exempted from paying Custom and Excise duty.
16. **Warranty/Guarantee: 03(Three) Years standard warranty.**
17. Performance Bank Guarantee amounting to 3(Three)% of the order value needs to be submitted in the form of Bank Guarantee in favour of "The Registrar, Tezpur University" on or before final settlement of the bill. The Performance Bank Guarantee must remain valid for the entire period of warranty plus 60(sixty) days. No interest shall be paid on the Performance Bank Guarantee.
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.

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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.

- If the equipment or any of its component is found having poor workmanship, faulty designs, poor performance and bad quality of materials used.
- 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.
- If the supplier fails to perform any other obligation(s) under the contract.
- 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:**

- 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.

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### List of documents to be enclosed

SI No	Type of Document	Submitted	Page No.
1	PAN Card (Mandatory)	Yes/No	
2	GST Certificate (Mandatory)	Yes/No	
3	Trade License/ Registration Certificate (Mandatory)	Yes/No	
4	Audited Balance Sheet by Chartered Accountant (Mandatory)	Yes/No	
5	Annual Turnover (last 03 Financial Years) (Mandatory)	Yes/No	
6	ITR Returns (Last 03 Financial Years) (Mandatory)	Yes/No	
7	Escalation Matrix (Mandatory)	Yes/No	
8	Proof of Office Address (Mandatory)	Yes/No	
9	ISO Certificates (Mandatory)	Yes/No	
10	Proof of Experience (Mandatory)	Yes/No	
11	Declaration of Non-Blacklisting (Mandatory)	Yes/No	
12	Bank Solvency Certificate (Optional)	Yes/No	
13	Address of Service Centre (Mandatory)	Yes/No	
14	MSME / NSIC (If applicable)	Yes/No	
15	Bidder Financial Standing (Mandatory)	Yes/No	
16	Earnest Money Deposit (EMD) (If applicable)	Yes/No	
17	Tender Fee (If applicable)	Yes/No	
18	Bidder Classification (Class -I / Class -II) (Optional)	Yes/No	
19	Labour Licence / SLRA or CLRA Certificate (If applicable)	Yes/No	
20	Authorization Letter / Undertaking (If applicable)	Yes/No	

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### ***Technical Specifications cum Compliance Report***

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

<b>System Specification</b>	2, 3 and 4 electrode configuration Maximum potential: $\pm 10$ V or better Applied potential accuracy: $\pm 1$ mV or better Measured current range: 10 pA to 240mA or better Measured current resolution: 0.5 fA or better Compliance voltage: $\pm 11$ V or better Applied potential noise: $< 10$ $\mu$ V rms or better IMP frequency range: 10uHz to 1MHz or better IMP amplitude: 10 $\mu$ V to 0.6 V rms or better Potentiostat rise time: $< 1$ $\mu$ s ( @250mA) or better Reference electrode input impedance: $\geq 1$ TO Reference electrode input bandwidth: 10 MHz Scan Rate: 10uV to 9,000 V/s ( Two channels simultaneously) or better Should have Bi-potentiostat features
<b>Techniques</b>	<b>General Techniques</b> Cyclic Voltammetry (CV) with simulation/fitting programs Linear Sweep Voltammetry (LSV) with stripping Bulk Electrolysis with Coulometry (BE) Chrono Amperometry (CA) Chrono Coulometry (CC) Open Circuit Potential – Time (OCPT) RDE control (0-10V output) IR Compensation External Potential Input <b>Impedance</b> AC Impedance (IMP) Impedance – Time (IMPT) Impedance – Potential (IMPE) Impedance Simulator with fitting  <b>Photovoltaic studies</b> I-V measurements, I max, Pmax, Fill factor etc
<b>Electrochemical Cell System &amp; Accessories</b>	GC Working Electrode – 1 no Ag/AgCl reference (aq) – 2nos Graphite rod electrode – 1 no 4 glass cells with one cell top RRDE: Pt ring/GC disk electrode (Ring: OD:7 mm, ID: 5 mm and Disk: ID:4.mm and Length: 25 mm)
<b>RDE/RRDE Set up</b>	System should be Operable as RDE and RRDE when required. Remote- and manual-controlled rotation and gas purge. Can measure small sample volume

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	<p>up to 10 - 15 mL. Gas line connector should available. Cell lead connects to all Potentiostat should available. Open architecture for easy access to cell, Compact design &amp; easy operation</p> <table border="1"><thead><tr><th><b>Specifications:</b></th><th><b>Accessories:</b></th></tr></thead><tbody><tr><td><ul style="list-style-type: none"><li>• Rotational range: 100 to 8,000 rpm or more</li><li>• Setting resolution: 1 rpm</li><li>• Accuracy: &lt; 0.1%</li><li>• Rotation control type: PLL (Phase-locked loop)</li><li>• Rotation stability: &lt; 1% (full range)</li><li>• Power: 100-240 VAC, 50/60 Hz</li><li>• Operating temperature: 10 to 50°C</li></ul></td><td><ul style="list-style-type: none"><li>• Sample vial (100 mL) with Teflon Cap</li><li>• RRDE rotor with essential accessories need to be supplied along the system which can ready to use</li><li>• Instruction manual</li></ul></td></tr></tbody></table>	<b>Specifications:</b>	<b>Accessories:</b>	<ul style="list-style-type: none"><li>• Rotational range: 100 to 8,000 rpm or more</li><li>• Setting resolution: 1 rpm</li><li>• Accuracy: &lt; 0.1%</li><li>• Rotation control type: PLL (Phase-locked loop)</li><li>• Rotation stability: &lt; 1% (full range)</li><li>• Power: 100-240 VAC, 50/60 Hz</li><li>• Operating temperature: 10 to 50°C</li></ul>	<ul style="list-style-type: none"><li>• Sample vial (100 mL) with Teflon Cap</li><li>• RRDE rotor with essential accessories need to be supplied along the system which can ready to use</li><li>• Instruction manual</li></ul>
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<b>Lasers:</b>	Laser: 532 nm, 485 nm with power adapter				
<b>Software &amp; Accessories:</b>	Licensed and full version of software for all the functions and procedures mentioned above to run both channel simultaneously including interface Cable (Serial / USB), Cell cables. Up gradation of software should be made as and whenever required with free of cost.				
<b>DAQ</b>	I3 Processor, 16GB RAM,1TB Hard Drive,19" Monitor, Keyboard & Mouse.				

Sd/-

Deputy Registrar(GA)

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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).