



तेजपुरविश्वविद्यालय/ TEZPUR UNIVERSITY

(केंद्रीयविश्वविद्यालय/A Central University)

कुलसचिवकाकार्यालय/OFFICE OF THE REGISTRAR

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

NOTICE INVITING BID

TU/GeM/Custom-Bid (164)/2023-24/3885 Date 29-02-2024

Bids in 02 Bid System (Technical and Financial) are invited on **GeM** from reputed manufacturers/authorized dealers for supply of **Laboratory Equipment** for Department of Electrical Engineering 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 of 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 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) **MSME/NSIC registration certificate** needs to furnish as a "Bid Security Declaration" (format enclosed at Annexure-II), under circumstances that if withdraw or modify of their bids during the 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.
 - ii) **MSME/NSIC will be strictly adhered to.**
 - iii) **The original copies of Bid Security Declaration should be deposited/submitted to the office of the undersigned before opening of the Bids in an envelope superscribed as "Bid Security declaration" for TU/GEM/Custom-BID/(164)/2023-24/3885..DT-29-02-2024 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 a list of users, wherever applicable.

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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' in Tezpur/Guwahati or any place in India, 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 rules.
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 quotes 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 a 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 components is found to have poor workmanship, faulty designs, poor performance and bad quality of materials used.
- b. If the supplier fails to deliver any or all 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.

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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.

ACB
29/2/24

Deputy Registrar-GA
Tezpur University



Technical Specifications cum Compliance Report
(To be submitted on Company's/Firm's Letter head Signed and Sealed)

Item: 3 Phase Voltage Source Inverter FED SynRM Motor Module

Particulars	Description
3 Phase Inverter Module	<ul style="list-style-type: none">• 1 No's of IGBT module SK15DGDL 12T4ETE1 (3-phase bridge rectifier + brake chopper + 3-phase bridge inverter) or Equivalent from Semikron with Heat sink forms the 3 phase Inverter Circuit with filter capacitor provided for input to power circuit with fuse protection, OVL Protection and SC Protection.• Rating of device is 1200V/600V / 25 Amps @ 50°C• 1 no of analog DC Voltmeter provided for Voltage measurement.
Driver Unit	<ul style="list-style-type: none">• 3 No's of high speed Opto-Isolated Half Bridge Gate drivers.• Isolated +15V @1Amps provided for Driver IC• Supported Frequency 25 Khz.
Measurement Unit	<ul style="list-style-type: none">• 3 No. of Hall Effect Current Sensor provided for Load current Waveform and for Protection Unit.• 6+1 No's of test point provided for Controller PWM.• 3 No's of test points provided for Isolated Load Current waveform analysis
Box Fabrication Unit	<ul style="list-style-type: none">• All are mounted in attractive transparent Acrylic cabinet with sticker front panel with diagram on Main Power Circuit
POWER Required	<ul style="list-style-type: none">• 1 Phase AC: 230V/5A/50Hz• AC Adaptor: 9V AC/50 Hz
3-Phase AC SynRM Motor Specification	<ul style="list-style-type: none">• Input voltage range: 3-phase, U N 380 to 480 V, +10%/-15%• Frequency: 48 to 63 Hz• Output power: 2.2 kW• Speed : 1500 rpm• Speed sensor with cable connector
Bundle Contents	<ul style="list-style-type: none">• LAUNCHXL-F28379D Development Board• 3Phase IGBT Power Module with SynRM motor• Patch Cords, Power cords• MATLAB Simulink Model File• Motor control Scalar and vector



(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).