



तेजपुरविश्वविद्यालय/ TEZPUR UNIVERSITY

(केंद्रीयविश्वविद्यालय/A Central University)

कुलसचिवकार्यालय/OFFICE OF THE REGISTRAR

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NOTICE INVITING BID

TU/GeM/BoQ-Bid (121)/2022-23/2209 Date 21/10/2022

Bids in 02 Bid System (Technical and Financial) are invited on GeM from reputed manufacturers/authorized dealers for supply of **Laboratory Equipment for Structural/Geotechnical/Transportation Engineering Lab** for Dr. Kamal Uddin Ahamad, Department of Civil 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 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. **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.
2. **Quotations should be accompanied by** i) An **EMD (in the form of Demand Draft/Banker Cheque) for ` 12,000.00 (Rupees Twelve 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/(121)/2022-23/.....DT-..... addressed to the Assistant Registrar-GA, Tezpur University. Failure to do so may result in rejection of the bid.**
3. 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.

4. **Validity of Quotation:** Quoted rates must be valid for at least **180 days** from the last date of submission of quotation.
5. Applicable levies, surcharge and discounts should be clearly indicated item wise.
6. The rates should be quoted along with supporting documents of specifications and technical features and list of users, wherever applicable.
7. **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.
8. **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.
9. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must upload valid dealership certificate.
10. **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.
11. **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.
12. **Payment:**100% payment after successful delivery, installation and commissioning (if required in the scope of supply) and acceptance by the user.
13. **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.
14. **As per GoI Notification dated 14.11.2017 GST % for Public Funded Research Institution or a University has been reduced to 5%. Hence, rate of GST may be charged as per reduced rate. Exemption Certificate will be provided on request.**
15. The University is exempted from paying Custom and Excise duty.
16. Warranty/Guarantee applicable if any, period should be specifically mentioned in the quotation.
17. Irresponsive/incomplete quote will be rejected.
18. **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.
19. **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.

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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.

20. **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

21. The delivery installation and commissioning should be completed with **45 Days** of the award of BID without any deviation.

Assistant Registrar-GA, i/c
Tezpur University



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

Item: Lab Equipment

| Sl No. | Particulars | Description |
|--------|--|--|
| 1 | Le-Chatelier Mould with ISI certification mark IS: 5514 | Specification: Brass Metal, Internal Diameter- 30 mm, Height - 30mm with two parallel indicating arms with pointed ends. Complete with two glass plates and lead weight. |
| 2 | Vicat's apparatus with ISI certification mark IS: 5513 | Specification: IS: 5513 (Ref: IS 2542, part-2) with Vicat mould glass base plate, initial setting time needle, Final setting time needle, consistency plunger, mild steel base plate, Vicat's mould split type with clamping ring. |
| 3 | Air permeability Apparatus (Blaine Type) With ISI certification mark, IS:5516 | The apparatus should comprise of Permeability cell, U-Tube manometer, perforated metal disc, plunger, Rubber stopper, rubber tube, filter paper disc, Dibutylphthalate liquid, filter paper punch, non-perforated disc and suction bulb etc. |
| 4 | Drying Oven | Specification: Size- 600 x 600 x 600 mm Laboratory Electric Oven with digital Indicator and Controller, Range – 50 deg C to 250 deg C, accuracy- +/- 1 deg C with Air Circulating Fan. |
| 5 | Electronics Balance | 30 Kg, 1g accuracy |
| 6 | Electronics Balance | 100 Kg, 5 g accuracy |
| 7 | Hot plates | Specification: Rectangular of size - 250 x 300 mm with Regulator, 2.0 KW |
| 8 | Laboratory Concrete Mixer | Mixing Capacity 20 or 30 Lts. |
| 9 | Laboratory cement autoclave mould | compatible with AIM-408-2 |
| 10 | Sieve Shaker | Motorised, with Built-in Digital Timer. |
| 11 | Laboratory vane shear apparatus, Motorized | Specification: IS 2720 (Part 30), rotation 1/60 rpm, suitable for operation on 220V, 50Hz, single phase, AC supply |
| 12 | Sieve 20cm diameter | Set -(10 mm, 4.75mm, 2 mm, 1 mm, 600µ, 425µ, 300µ, 212µ, 150µ, 75µ, |

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| | | pan and cover) Specification: IS: 460, Brass Frame, 200 mm Dia. |
| 13 | Casagrande apparatus | Specification: IS: 9259-1979 , all assembly including cup and grooving tool shall be made up of brass alloy. |
| 14 | ASTM Grooving tool for Liquid Limit Apparatus | Specifications: 1. ASTM tool which shall cut the groove of width 2 mm at the bottom, 13.6 mm at the top and 10 mm deep. Made up of all brass alloy. |
| 15 | Core Cutter (for in-situ density) | Specifications: IS 2720 (Part 29) 1. Cylindrical Core Cutter made of steel, 100 mm dia x 130 mm long. 2. Steel Dolly 25 mm high and 100 mm dia., fitted with a lip, to enable it to be located on top of the Core-Cutter Rammer with Steel Rod |
| 16 | Proving ring of capacity 2 kN | for direct shear test apparatus compatible to AIM 104. |
| 17 | Proving ring of capacity 2.5 kN | for triaxial test apparatus compatible to AIM 096-1. |
| 18 | Plummet Balance | Specifications: IS 2720 (Part 4) |
| 19 | Soil Cone penetrometer (Analogue) | Ref. standards IS 2720 (Part 5) BS 1377 All attachments and dimensions shall be provided as per IS 11196, 1985 Mould for keeping sample shall be provided too. |
| 20 | Hydrometer (Range: 0.995 to 1) | Ref. standard IS 2720 (Part IV) |
| 21 | Thickness gauge | Flakiness of Aggregate test with ISI Certification Mark, IS:2386 (Part 1) |
| 22 | Length gauge | Elongation test for aggregate with ISI Certification Mark, IS:2386 (Part 1) |
| 23 | Aggregate Crushing Value apparatus | (Ref IS: 9376, IS:2386 (Part IV-1963) with Cylindrical cell :150 mm Internal Diameter x 130 to 140 mm height), plunger: 148 mm dia. x 100 to 115 mm height, base plate: 200 to 230 mm square x 6 mm thick, Tamping rod: 16 mm dia x 450 mm to 600 mm length, |

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| | | metal measure 110 internal dia×10 mm height |
| 24 | Density Basket. | Ref. standard IS: 2386 (Part 3) Ruggedly constructed from galvanised wire mesh, 20 cm dia. x 20 cm high (approx.) |
| 25 | CBR mould | A mould of 150 mm IS x 175 mm high with clamping lugs completed with extension collar and perforated base plate (Gunmetal). |
| 26 | Heavy compaction mould and hammer for GSB material. | Ref. standard IS 2720 (Part VIII) Compaction mould, complete with collar and base plate, made of Gunmetal, Internal Dia. 150 mm, height 127.3 mm, volume: 2250 ml, rammer 4.9 kg with ht. of fall 450 mm. IS :9198 |
| 27 | Light compaction mould and hammer for subgrade material | Ref. standard IS 2720 (Part VII) Compaction mould, complete with collar and base plate, made of Gunmetal, Internal Dia. 100 mm, height 127.3 mm, volume: 1000 ml, rammer 2.6 kg with ht. of fall 310 mm. IS :9198 |
| 28 | Saybolt Furol viscometer | Specification: ASTM 088, D 244, AASHTO T 72 For the empirical measurement of Saybolt Viscosity of petroleum products at specified temperatures between 70°F and 210°F. This is also used for determining the Saybolt Furol viscosity of bituminous materials at temperatures of 250, 275, 300, 350, 400 and 450°F. It comprises one each of Cylindrical Oil Cup, Universal Tip, Furol Tip, Bath fitted with immersion heater mounted on a stand, Dimmerstat for temperature control, Stirrer with shield. Apparatus is supplied complete with insulated handle and thermometer support, receiving flask, withdrawal tube, filter funnel, thermometer support for cup and |

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| | | circular spirit level. |
| 29 | Standard penetrometer | (without automatic time controller) to determine penetration of asphaltic bitumen Ref. Standards - IS: 1203-1978 |
| 30 | Ring and ball apparatus | For Softening point of bitumen apparatus (IS 1205, ASTM D36, AASHTO T53) with Tapered ring, ball centering guide, steel balls of 9.5 mm dia., ring holder, electric heater(hot plate) Accessories: Thermometer: -2 degree to 200 degree centigrade |
| 31 | Flash point and Fire point | Ref. Standards -IS:1448 (IP:66), IS:1209-1978, IP35, Flash point and fire point test apparatus Open Pensky- Martens Method (Electrical Heating) |
| 32 | Vernier Callipers | fine adjustment 200 mm and 300mm/12inch. |
| 33 | Bulk Density Mould (10L) | with ISI certification mark, IS:2386 (Part 3) |
| 34 | Concrete Cylindrical Mould, | cast iron, split length wise 150 mm x 300 mm high with ISI certification mark IS: 10086 |

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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).