



# NATIONAL INSTITUTE OF TECHNOLOGY PATNA

(An Institution of National Importance under MHRD, Govt. of India)

ASHOK RAJPATH, PATNA-800 005 (BIHAR)

Ph. 0612-2371715,2372715,2371929 Fax-061-2660480

Website- [www.nitp.ac.in](http://www.nitp.ac.in) e-mail-[registrar@nitp.ac.in](mailto:registrar@nitp.ac.in)

Tender No. NITP/Proc./19-20/23

Dated 23/12/2019

## **Sub: Tender for Procurement of equipments for Geotechnical Lab. at NIT Patna.**

National Institute of Technology Patna, an Institute of National Importance, invites sealed tenders from reputed/Original Equipment Manufacturers / Authorised Dealers / Bidders for quality procurement of equipments for Geotechnical Lab. of Civil Engg. Dept., NIT Patna.

### **List of Annexures**

Sl. No.	Description	Annexure
1	List Of Details Specification	I(A)
2	List of Compliance Statement	I(B)
3	Instruction To Bidders	II
4	General Terms & Conditions	III
5	Technical Check list/Criteria	IV
6	Tender Format for Price Bid	V

### **Critical Date Sheet**

Sl. No.	Description	Date and time
1	<b>Publishing Date</b>	<b>23.12.2019 (05:00 PM)</b>
2	<b>Bid Document Download / Sale Start Date</b>	<b>24.12.2019 (10:00 AM)</b>
3	<b>Bid Submission End Date</b>	<b>15.01.2020 (01:00 PM)</b>
4	<b>Bid Opening Date (Technical and Financial)</b>	<b>15.01.2020 (03:00 PM)</b>
5	<b>Place of Opening Tender</b>	<b>Procurement Conference Room, NIT Patna</b>

Detailed descriptions of the item and instructions for submitting your offer can be downloaded from our website [www.nitp.ac.in](http://www.nitp.ac.in). However, a cross Demand Draft of ₹ 25,000/- (**Refundable**) towards **EMD** in favour of the **Registrar, NIT Patna** payable at Patna should be submitted in a separate sealed envelope along with your quotation.

The proposals must be sent in two separate sealed envelopes (Technical Bid and Price Bid) duly subscribed with Reference number and Tender Notice details as appended hereunder:-

#### **TENDER FOR SUPPLY OF EQUIPMENTS FOR GEOTECHNICAL LAB. OF CIVIL ENGG. DEPT.**

**TENDER REF NO: - NITP/19-20/23, DATED 23.12.2019**  
**LAST DATE FOR SUBMISSION 15/01/2020 UPTO 01:00 PM.**

To,  
The Registrar  
National Institute of Technology Patna  
Bihar, INDIA

From: M/s \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact No.: \_\_\_\_\_  
Email ID: \_\_\_\_\_

The price bid will be opened only of those firms, who will be found technically qualified after evaluation of their technical bids. **The technical bids will be opened** in the presence of the Bidders/Vendors or their authorized representative who wish to be present.

Registrar

**DETAILED SPECIFICATIONS****SPECIFICATIONS OF THE EQUIPMENT TO BE PURCHASED FROM INSTITUTE FUND  
FOR GEOTECHNICAL ENGINEERING LABORATORY**

<b>Sl. No.</b>	<b>Specifications of the equipment</b>	<b>No. of items</b>
1	<b>Triaxial test set up</b>	
	a) Load Frame, Motorised, Capacity 50kN	1
	b) Triaxial Cell (For 38mm and 50 mm diameter specimens)- Suitable for lateral pressure up to 1000 kPa	1
	c) Pneumatic Control Panel, 2 lines complete with air compressor for applying cell and back pressure	1
	d) Electronic data acquisition system with the whole platform for triaxial cell set up	1
	e) Pore pressure transducers	5
	f) LVDT	1
	g) Latex membranes and O- rings for both 38- and 50-mm diameter	1 box each
	h) Porous stones for both 38 and 50mm diameter	8no's each
	i) Split sand former for both 38- and 50-mm diameter	1 each
	j) Sheath stretcher for both 38- and 50-mm diameter	1 each
	k) Whatman Grade 1 Filter paper	1 box

**FORMAT OF COMPLIANCE STATEMENT**

<b>Sl. No.</b>	<b>Para of Tender Enquiry Specification</b>	<b>No. of Items</b>	<b>Specification of Equipment Offered</b>	<b>Compliance to Tender specification whether yes or no (if yes indicate the page no and Put a Flag also highlight the matching specification)</b>	<b>In case of noncompliance deviation from Tender specification to be indicated in unambiguous term.</b>
	<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>
	<b>Triaxial test set up</b>				
1	Load Frame, Motorised, Capacity 50kN	01			
2	Triaxial Cell (For 38mm and 50 mm diameter specimens)- Suitable for lateral pressure up to 1000 kPa	01			
3	Pneumatic Control Panel, 2 lines complete with air compressor for applying cell and back pressure	01			
4	Electronic data acquisition system with the whole platform for triaxial cell set up	01			
5	Pore pressure transducers	05			
6	LVDT	01			
7	Latex membranes and O-rings for both 38- and 50-mm diameter	01 box each			
8	Porous stones for both 38 and 50mm diameter	8no's each			
9	Split sand former for both 38- and 50-mm diameter	01 each			
10	Sheath stretcher for both 38- and 50-mm diameter	01 each			
11	Whatman Grade 1 Filter paper	01 box			

\* The compliance certificate along with the page no indication (i.e. required spec and availability of the page in the entire tender documents by flagging or giving page no) must be submitted with the bid for evaluation. Firm not submitting the model/spec and their details availability in the bid documents by flagging/page no may not be considered for evaluation.

**NOTE: *The bid documents are not transferable and the firm's seal and signature of the authorized official must appear on all papers and envelopes submitted.***

**INSTRUCTION TO BIDDERS:**

**Two/Double Bids:-**

**01.** In case of two-bid system, tenders will have to be submitted in TWO PARTS i.e. (a) Technical Bid and (b) Price Bid, in two separate properly sealed covers indicating the type of Bid; and both these covers will have to be again put in to a single sealed cover. Also the address of the firm submitting the tender and the officer, to whom the tender is addressed, must appear distinctly on both the inner sealed covers, indicating also TECHNICAL BID / PRICE BID as may be applicable.

**02. In the part relating to Technical Bid, the OEM/Vendor must provide the followings:-**

- (a) Details of the technical features of the offered Equipment vis-à-vis specification as per Annexure – I (a);
- (b) Standard Technical literature on each of the items offered; the article on offer should conform to standard quality, specification and test of manufacturer;
- (c) Dealership certificate on the offered products from OEM in case of dealer/s;
- (d) List of reputed organizations/Institutions, where similar orders have been executed (copies of the purchase/work order will have to be enclosed). The bidders / OEM should attach a self declaration stating that he is not banned / debarred from working with any Central Government / PSU / State Govt of India / Any other Govt. Agencies or any Institute of National / International importance.
- (e) Copy of PAN of FIRM / Bidder must be submitted along with the Technical Bid;
- (f) Banker's details of tendering FIRM / Bidder should be clearly mentioned;
- (g) Details of nature and maximum period of Warranty offered by the OEM/Bidder;
- (h) Amount of Earnest Money Deposited (EMD), in the form of Demand Draft/Banker's Cheque/PBG only, will have to be clearly stated and the same will have to be enclosed with Technical Bid only;

**03. In the part relating to Price Bid, the OEM/Vendor must provide the following:-**

- (a) Quantity, basic price (against item-wise details of specifications of each of the offered items);
- (b) Prices of each of the optional accessories, as required by specifications and may be relevant for offered Equipment, will have to be specifically stated in the quotation;
- (c) GST (as percentage of basic price + packing & forwarding charges if any)
- (d) Installation & commissioning charge (including Service Tax), to be shown item-wise extra, if any.
- (e) Freight & insurance charge, if any.
- (f) Annual Maintenance contract (AMC) rate (after expiry of warranty period) is to be clearly indicated – preferably in both comprehensive and non-comprehensive terms, *failure to which the offer may not be considered even if it turns out at the lowest price.*

**Terms & Conditions:-**

01. **Rates:** Rates quoted should be on F.O.R., NIT Patna, on Door Delivery basis mentioning all taxes/break-up separately.
02. **Validity:** Quoted rates must valid for 180 days.
03. **Warranty/Guarantee:** The material must be quoted with a minimum comprehensive Warranty / Guarantee period of **12 months** after the date of delivery and acceptance at final destination. After sales service and contact details of resource person for this should be mentioned.
04. **EMD:** ₹ 25,000/-(refundable) in form of DD/PBG in favour of ‘**Registrar, NIT Patna**’ payable at ‘**Patna**’.
05. **Delivery:** Unless otherwise stated delivery of goods at NIT Patna, will have to be maximum within 30 days from the date of receipt of the Purchase Order. All aspects of safe delivery shall be the exclusive responsibility of the OEM / Bidder.
06. **Rate of AMC:** Annual Maintenance Contract charges (after expiry of warranty period) is to be clearly Indicated (for Equipment only) & applicable taxes. The selected supplier/s is to ensure regular availability of spares for at least five years.
07. **Printed conditions of supply of the firm, if any, will not be binding on us.**
08. **Late and delayed Tenders:** Late and delayed tender will not be considered. In case any unscheduled holiday occurs on prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
09. **Ground for Rejection of Tender:** The tenders are liable to be rejected if the fore going conditions are not complied with. The tender should be complete in all respects and duly signed wherever required. Incomplete and unsigned offer will not be accepted.
10. **Payment Terms:-** 100% payment will be released after receiving of stores in good order and condition and successful installation and commissioning duly certified by the concern authority. Successful vendor should arrange to submit a **Performance Bank Guarantee or Demand Draft** to the tune of 10% amount of the total purchase value within 15 days from receipt of P.O. This Performance Bank guarantee should be issued from any Nationalized Bank and validity of the same will be till **warranty period +60 days** from the date of delivery / installation of the material. The payment will made by RTGS / FUND Transfer mode only. **Hence, following information must be clearly written in the Price Bid for RTGS / FUND TRANSFER:**
  - (a) Name of the Firm with complete postal address and phone details
  - (b) Name of the Bank with Branch where the Account exist
  - (c) IFSC CODE
  - (d) ACCOUNT No
  - (e) PAN No
  - (f) GST No (Required from the vendors belongs to BIHAR)
11. **Excise Duty:** The Institute is **exempted** from payment of Central Excise Duty vide GOI Notification No.10/97-Central Excise, dated 01.03.97 with Regn No. TU/V/RG-CDE(1211)/2015, dated 11.02.2015. . **Customs Duty:** The Institute is **exempted** from payment of Customs Duty vide GOI Notification No.51/96-Customs, dated 23.07.96, with Regn. No. TU/V/RG-CDE(1211)/2015, dated 11.02.2015.
12. **TDS** as applicable will be deducted from bill.

13. **Entry Tax:** Entry tax, if applicable will be borne by us as applicable on FOR NITP value. The vendor may arrange Road Permit on their own and get it reimbursed from the Institute on production of valid document. Road permit once issued will not change / altered in any circumstances. If any alteration is required due to fault from vendor/OEM side the same will be debited to supplier's A/c.
14. **Liquidated Damage:** If a firm accepts an order and fails to execute the order in full as per the terms and conditions stipulated therein, it will be open to this institute to recover liquidated damages from the firm at the rate of 1% per week of the order value subject to a maximum of 10% of the order value. It will also be open to this institute alternatively, to arrange procurement of the required stores from any other source at the risk and expense of the firm, which accepted the order but failed to execute the order according to stipulated agreed upon.
15. **Termination for default:** Default is said to have occurred:-  
(a) 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 NIT Patna.  
(b) If the supplier fails to perform any other obligation(s) under the contract  
(c) If the vendor, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of the default notice from NIT Patna (or takes longer period in spite of what NIT Patna may authorize in writing), NIT Patna may terminate the contract / purchase order in completely or in part and forfeit the EMD. In addition to above, NIT Patna may at its discretion also take the following actions: NIT Patna 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 NIT Patna for any extra expenditure involved towards goods and services to complete the scope of.
16. **Applicable Law:**  
(a) The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing.  
(b) All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Patna, India only.  
(c) Any dispute arising out of this purchase shall be referred to the Registrar NIT Patna, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Director of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.
17. The acceptance of the quotation will rest solely with the Registrar, NIT Patna, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.
18. **Important:-** The Director may accept or reject any or all the bids in part or in full without assigning any reason and doesn't bind himself to accept the lower bid. The institute at its discretion may change the quantity / upgrade the criteria / drop any item or thereof at any time before placing the Purchase Order.

## COMMERCIAL TERMS FOR TENDER

1. Manufacturer should have comprehensive production facility, after sales service facility & infrastructure, Accredited Calibration and Quality Control Test Laboratory. Manufacturing Capacity & capabilities of the supplier and workmanship of the instrument shall be accessed by concerned official before finalizing the order.
2. Manufacturer will ensure the traceability (source of calibration) of the calibration unit to NCCBM / NPL.
3. **BIDDERS HAVE TO QUOTE FOR ALL THE ITEMS AS PER BOQ OF THE TENDER DOCUMENT. INCOMPLETE QUOTATION SHALL BE REJECTED**
4. Manufacturer/OEM should impart necessary 3 days training to our personal for operation of the equipment supplied.
5. Preference will be given to ISO 9001-2008 Certified Company who can ensure the manufacturing of the machine as per required testing standard / tender specification within the specified tolerance limits.
6. Every machine should be highly qualitative and as per IS Standard/ I.S. marked / wherever required.
7. **Manufacturer's Turnover should not have less than Rs. -01 (one) crore per annum.**
8. Authority may visit bidders works/Users place to evaluate the manufacturing facility quality control, after sales backup facility, expert availability etc.
9. All India basis user Certificate from different Govt. Customer, Engineering Institute and PSU will be preferred.
10. Manufacturer should have capacity and experience of carrying out Annual Maintenance contract with the users of their M/C and Proof of such documentation will be preferred.
11. Indian Agent of OEM should have well backup facility.
12. Q.C Instruments must be from reputed manufacturer who does have above facilities.
13. The manufacturer must have the experience of supplying geotechnical equipment to reputed institutions in India e.g. IITs, NITs, central universities or CSIR laboratories.
14. The manufacturers must supply calibration certificates for all the equipment.
15. **Only manufacturers are allowed to submit the tender. The tenders from the suppliers will not be considered.**

**NATIONAL INSTITUTE OF TECHNOLOGY PATNA**

(An Institution of National Importance under MHRD, Govt. of India)

ASHOK RAJPATH, PATNA-800 005 (BIHAR)

**TECHNICAL BID (CHECK-LIST)- QUALIFYING CRITERIA**

Sl. No.	Essential Document	Document attached (Yes/No)	Page No.
1	Registration/Recognition certificate of the firm from the Govt. Agency. Proof of address of the firm should also be attached.		
2	GST Registration Certificate		
3	Copy of PAN of FIRM / Bidder		
4	<b>EMD: ₹ 25,000/</b>		
5	Details of the technical features of the offered Equipment vis-à-vis specification as per Annexure – I (a)		
6	<b>Rates:</b> Rates quoted should be on F.O.R., NIT Patna, on Door Delivery basis mentioning all taxes/break-up separately		
7	Details of nature and maximum period of <b>Warranty</b> offered by the OEM/Bidder		
8	Standard Technical literature on each of the items offered; the article on offer should conform to standard quality, specification and test of manufacturer		
9	Dealership certificate on the offered products from <b>OEM</b> in case of dealer/s		
10	List of reputed organizations/Institutions, where similar orders have been executed (copies of the purchase/work order will have to be enclosed). The bidders / OEM should attach a self-declaration stating that he is not banned / debarred from working with any Central Government / PSU / State Govt of India / Any other Govt. Agencies or any Institute of National / International importance		
11	<b>Banker's details</b> of tendering FIRM / Bidder		
12	<b>Rate of AMC:</b> Annual Maintenance Contract charges (after expiry of warranty period) is to be clearly Indicated (for Equipment only) & applicable taxes. The selected supplier/s is to ensure regular availability of spares for at least five years		

Bidders should submit the above essential document. Any shortfall of document will leads to disqualification in technical evaluation. The financial bid will be opened to those bidders who qualify in technical evaluation.

(Signature of Tenderer)  
Name & Designation  
Place:  
Dated:



## TENDER FORMAT FOR PRICE BID

Amount in (₹)

SI No.	Description of Item & Model	Quantity	Unit Price	GST	Total Price
1	Load Frame, Motorised, Capacity 50kN	01			
2	Triaxial Cell (For 38mm and 50 mm diameter specimens)- Suitable for lateral pressure up to 1000 kPa	01			
3	Pneumatic Control Panel, 2 lines complete with air compressor for applying cell and back pressure	01			
4	Electronic data acquisition system with the whole platform for triaxial cell set up	01			
5	Pore pressure transducers	05			
6	LVDT	01			
7	Latex membranes and O- rings for both 38- and 50-mm diameter	01 box each			
8	Porous stones for both 38 and 50mm diameter	8no's each			
9	Split sand former for both 38- and 50-mm diameter	01 each			
10	Sheath stretcher for both 38- and 50-mm diameter	01 each			
11	Whatman Grade 1 Filter paper	01 box			

Delivery Mode: F.O.R. Patna.

Total bid price should be inclusive of Sales Tax, F.O.R. NIT Patna for the above quoted items is ₹ .....

Delivery Period: Packaging & Freight etc. :

Validity Date: Minimum 180 days from the date of opening of tender. Any other terms and conditions.

Place:

Date:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Email \_\_\_\_\_

Contact No: \_\_\_\_\_

Affix Rubber Stamp

**For Any Enquiry**

**Please Contact:** The Registrar NIT Patna

Email: registrar@nitp.ac.in