



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला
NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA
Fax : 0381 254-6360, Website : [http:// www.nita.ac.in](http://www.nita.ac.in)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

2731-34

Date: 14/10/2024

E-Tender Notice

On behalf of National Institute of Technology Agartala, bids are invited in sealed cover from the reputed resourceful Manufacturers / Authorized Distributors/ Authorized Suppliers for supply of item(s)/goods as per specification mentioned in Annexure of tender document available at our website www.nita.ac.in.

Sl. No	Department / Section	Ref. No.	Items	Estimated cost (Rs.)	Last date of receipt of tender	Time and date of opening of Technical bid
1	Civil Engineering	No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25	Laboratory and Scientific Equipment	6,85,000.00	20/11/2024 Up to 3:00 PM	21/11/2024 At 3:00 PM

The interested Manufacturers / Authorized Distributors/Authorized Suppliers may arrange online submission of the tender through www.eprocure.gov.in along with scan copy of essential documents mentioned in the tender document.

Tender(s) is/are to be submitted only online through central public procurement portal i.e. "<http://eprocure.gov.in>". All the documents are to be scanned and uploaded along with the tender documents.

Tender sent by any other mode will not be accepted.

Registrar


Registrar 04/10/24
NIT Agartala

Copy to:

1. The P.S. to the Director for kind information.
2. The Nodal Officer, e-Procurement, NITA with a request to kindly arrange uploading the Tender Documents in the CPP portal <https://eprocure.gov.in/cppp>.
3. Mr. Kamal Kanti Paul, System Administrator, Computing & ICT Unit with a request to uploading the Tender documents in the Institute website site.
4. The Deputy Registrar (F & A).

Registrar
NIT Agartala



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala
AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25/2731-34

Date: 14/10/2024

E- Tender Enquiry

IMPORTANT INFORMATION

Name of the Institute : NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA
GST Number of the Institute : 16AAAGN0550K1ZG
PAN of the Institute : AAAGN0550K
TAN of the Institute : SHLN00719F
DSIR No. : TU/V/RG-CDE(1053)/2022 dated 18/12/2022
Institute Bank A/C No. : 030936141729 (IFSC: SBIN0011491) under SBI, NIT Agartala Branch.
Name of Department / Branch : Civil Engineering
Enquiry / Reference Number : No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Some important/Critical dates:

Uploading on CPP Portal and Department's web-site	Date: 29 / 10 /2024	Time: 5:00 PM
Bid submission start date	Date: 29 / 10 /2024	Time: 5:00 PM
Bid submission end date	Date: 20 / 11 /2024	Time: 3:00 PM
Opening of technical bid	Date: 21 / 11 /2024	Time: 3:00 PM

[Handwritten signature]




राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala
AGARTALA - 799 046 (TRIPURA)

Details of e-tender document.

NIT, Agartala intends to purchase the commodities/serie(s) specified in Annexure enclosed and invites quotations in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly submit your offer with prices within the time mentioned above fulfilling all the terms and conditions marked in the bid documents.


04/10/20

Registrar
National Institute of Technology
Agartala – 799 046, Tripura

Encl :

- (1) Schedule of requirement, specifications, dates etc.
- (2) Bid document containing detail terms and conditions.



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

1. Schedule of requirements

Sl. No.	Description of Goods/Service	Quantity
01	1. Combined RCPT and RCMT	01 no
	2. HALF CELL	01 no
	3. CONCRETE CUTTING MACHINE	01 no
	4. CONCRETE GRINDING MACHINE	01 no
	5. DRILLING MACHINE	01 no
	6. DIGITAL FLEXURE TESTING MACHINE, CAPACITY 100KN WITH NABL CALIBRATION	01 no
	7. TILE FLEXURE TESTING MACHINE (Details as per Sl No.1 to 7 at Annexure-I).	01 no

2. Specifications and allied Technical Details

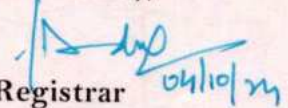
1. Combined RCPT and RCMT
2. HALF CELL
3. CONCRETE CUTTING MACHINE
4. CONCRETE GRINDING MACHINE
5. DRILLING MACHINE
6. DIGITAL FLEXURE TESTING MACHINE, CAPACITY 100KN WITH NABL CALIBRATION
7. TILE FLEXURE TESTING MACHINE (Details as per Sl No.1 to 7 at Annexure-I)

1. Estimated Cost

₹ 6,85,000.00.00

- Quotations should be valid for a period of **180** days from the opening date of the technical bid.
- Bid Security or EMD: 2% of the estimated cost of the tender **or** Bidders should submit "**Bid Security Declaration Form**" on company letter head as per annexure-D of this tender document
- Performance Security: The amount of the Performance Security shall be 5%(five percent) (not applicable for consumable item(s)) of the Purchase Order / Contract value, valid up to 60 days after the date of completion of contract obligations including warranty obligations.
- Delivery Option: 60 (sixty) days after receipt of the purchase/work order(s).
- Please go through the enclosed "bid document" carefully for other bidding instructions.
- For any technical details, you may contact through email-id: nitapurchasesection2@gmail.com.

Yours sincerely,


Registrar

National Institute of Technology
Agartala – 799 046, Tripura



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

BID DOCUMENT

1. Instructions to the bidders:

- 1.1 Bids are invited through e-tender on behalf of the National Institute of Technology Agartala, Tripura, Agartala-799046 from the intending bidders for supply of the goods/stores/ equipments/Learning resources for the Institute as detailed in the enquiry letter.
- 1.2 The bidders should quote their rates in clear terms without ambiguity. The quotation should be only in Indian Rupees.
- 1.3 The last date & time for submission of the bid is marked in the enquiry.
- 1.4 The bids should be submitted online through www.eprocure.gov.in before the last date & time of submission specified in tender document.
- 1.5 Bids received after the deadline of receipt indicated in para 1.4 above, shall not be taken into consideration.
- 1.6 Each bidder shall submit only one bid **against one enquiry**. A bidder, who submits more than one bid against single enquiry, shall be disqualified and considered non-responsive.
- 1.7 The bidder has to enclose a check list at per Annexure - C duly filled in along with all relevant/supporting documents while submitting technical bid through www.eprocure.gov.in.
- 1.8 Opening of Bids by the Purchaser will be done as per the provisions of the e-procurement system.
- 1.9 At any time prior to the due date for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.
- 1.10 All prospective bidders are expected to surf the website before formulating and submitting their bids to take cognizance of the amendments.
- 1.11 Custom Duty Exemption Certificate will be provided from the Institute for availing Custom Duty Exemption in trams of notification No. 51/96-Custom dated 23-07-1996, amended by notification No. 43/2017 dated 30-06-2017, further amended by notification No. 42/2022 dated 13-07-2022, as amended from time to time in case of imported items per OM No. F.4/1/2021-PPD dated 01-09-2021.

Yours sincerely,

Registrar

National Institute of Technology
Agartala – 799 046, Tripura



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

2. General Terms & Conditions:

- 2.1 The rates quoted by the Supplier/Bidders should preferably be on basic price, Annual Maintenance Charges(if applicable), packing, forwarding, freight, Insurance and all other incidental charges including delivery of the Materials at National Institute of Technology, Agartala.
- 2.2 All taxes and duties will be paid extra and such amounts of mandatory/statutory taxes & duties shall be explicitly mentioned in BOQ while submitting of bid. If GST amount not quoted in the BOQ (price bid), the total cost will be treated as inclusive of GST.
- 2.3 Price has to be filled through CPP portal as per BOQ (<https://www.eprocure.gov.in>). The scanned copy of Price Bid, dully filled in, has to be uploaded on the above e-procurement site. The prices filled in the e-procurement site will be treated final and shall be binding to the vendor.
- 2.4 Insurance: The Goods supplied under the Contract shall be fully insured against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery up to the final destination.
- 2.5 All the Machines/Equipments/goods will be covered by Annual Maintenance Contract (AMC) / CMC/ Warranty beyond the normal warranty/guarantee period. Interested bidders are requested to quote price against AMC/Extended warranty as an optional item in the price bid. **Optional items will not be taken into consideration while selecting L₁ bidder.**
- 2.6 AMC/CMC/Extended Warranty will be awarded after completion of standard warranty period. AMC/CMC/Extended Warranty may be carried out only after receipt of confirmation letter from this Institute. The Institute will not be responsible for any due payments / obligations may arise as a result of execution of AMC/CMC/Extended Warranty without confirmation letter from this Institute.
- 2.7 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.8 **The bidders who are registered as a Micro or Small Enterprise as per latest definitions under MSME rules, Govt. of India for exemption of submitting EMD/Bid security must enclose relevant documentary proof of authentication of their firm's registered as a Micro or Small Enterprise as per latest definitions under MSME rules, Govt. of India.**



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

- 2.9 If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover /Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded with technical bid.
- 2.10 If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded with technical bid.
- 2.11 National Institute of Technology, Agartala is following and abide with the Public Procurement (Preference to Make in India), Order 2017, DIPP, MoCI Order No. P-45021/2/2017-B.E.II dated 15th June 2017 and subsequent amendments to the order. Accordingly preference will be given to the Make in India products while evaluating the bids, however, it is the sole responsibility of the bidder(s) to specify the product quoted by them is of Make in India product along with respective documentary evidence as stipulated in the aforesaid order in the technical bid itself. A self-declaration as per Annexure- G should be enclosed in the technical bid.
- 2.12 **On site Comprehensive Warranty:**
- The successful bidder shall provide a Comprehensive Warranty for minimum period of 1 year (not applicable for consumable item(s)) after the installation and commissioning of the instrument / software/items. If within a warranty period after installation any such product or component is proven to be defective such product shall be repaired or replaced by the supplier/vendor. Such repair and replacement shall be sole obligation of supplier/vendor. Supplier / vendor shall be responsible for payment for all charges (to-and-fro) for repair/ replacement. Any design defects or installations deficiencies or any outer defects, if noticed during the warranty/ maintenance period, shall be rectified promptly by the successful bidder with no cost at all the places, which also includes the field installations.
 - Down-time call attendance should be within 48 hrs.
 - In case the Equipment / System remains non-operational for more than 5 days then warranty period will be extended for the equal period for which Equipment / System remained non-operational. Warranty extension in such case shall be done without prejudice to any other Term & condition of the contract.



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

- 2.13 The documentary evidence of the bidders qualification to perform the contract if the bid is accepted shall establish to the purchasers satisfaction that:

(a)	The bidder meets the qualification criteria listed in bidding documents, if any.
(b)	Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and / or supply the goods/services.

- 2.14 The successful bidder has to furnish "Performance Guarantee/Security" (not applicable for consumable item(s)) for an amount specified in the enquiry by E-Payment System to NITA Account within 15(fifteen) days of intimation of contract/supply order.

Alternatively, "Performance Guarantee/Security" will be retained by the Institute from the billed amount of the contract/supply order which will be released two months after the completion of warranty period (not applicable for consumable item(s)).

- 2.15 **Delivery Schedule:** As per e-Tender.

The item(s)/goods are required to be delivered at the indenting Department of National Institute of Technology, Agartala, and must be dispatched within specified days from the date of placement of the supply/purchase/work order.

If the supplier fails to Supply, Install and Commission the system/instrument as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 0.5% of order value per week or part thereof of delay subject to a maximum of 10%, as the case may be, beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier. Any exemption towards delay without LD can be resolved through mutual consent under exceptional circumstances.

- 2.16 Force Majeure: Notwithstanding the provisions of clauses relating to Extension of Time, Penalty and Termination for Default the Supplier shall not be liable for forfeiture of its Performance Security, Liquidated Damages or Termination for Default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.17 Evaluation of Bid: The Technical Bid shall be evaluated on the basis of technical and other parameters usually taken in to consideration. Financial bid shall be evaluated on the basis of financial parameters. Govt. of India rules shall be taken in to account for evaluating both technical and financial bids.
- 2.18 The successful bidder(s) may be required to execute a contract on the basis of evaluation as per annexure(s) (as applicable).

10



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

- 2.19 NIT Agartala will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.
- 2.20 The bidder has to submit valid trade license, GST registration certificate, Last filled ITR and last filed GST return.
- 2.21 Payment: **100% will be made in INR (Indian National Rupees)** after successful Installation, Commissioning of item against submission of Performance Guaranty (PG) otherwise an equal amount of PG will be retained by the Institute till the completion of warranty obligations.

Note: All payments due under the contract shall be paid after deduction of statutory levies at source (like ESIC, IT (TDS), GST, LBT / Octroi etc.), wherever applicable.

- 2.22 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Competent Authority, National Institute of Technology, Agartala shall be final.
- 2.23 The bid document/resultant contract will be interpreted under Indian Laws.
- 2.24 National Institute of Technology, Agartala will not take any responsibility for arranging road permit/way bill or clearance from tax department for delivery of goods. All such requirements should be completed by the bidder for delivery of goods at National Institute of Technology, Agartala. GST payment, if required, should be paid by successful bidder and if GST not paid, National Institute of Technology, Agartala will deduct the applicable amount from successful bidder's bills and pay the same to Tax Authority. If there is any mandatory tax(es) other than GST/other taxes mentioned in this tender document, imposed by State Govt., the same may also be deducted from the bills of the successful bidder, as applicable.
- 2.25 **Competent Authority of National Institute of Technology, Agartala reserves the right to cancel the entire e-tendering process at any stage of the procurement process without mentioning any reason.**
- 2.26 **Legal disputes, if any with NIT Agartala will be restricted within the jurisdiction of Agartala only.**

Yours sincerely,

Registrar

National Institute of Technology
Agartala – 799 046, Tripura



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

3. Special Terms & Conditions:

- 3.1 Acceptance of Technical bid strictly depends on National Institute of Technology, Agartala's requirements credentials, manufacturing capability, quality control systems, past performance, after-sales service, financial background, commercial terms & conditions etc. of the supplier(s).
- 3.2 Detailed Specifications, brand, make, model & parts number, tolerance limit, resolution, corresponding ISO standard etc. of quoted Equipments/Items should be mentioned with supported leaflet/catalogue/brochure and list of buyers for acceptance of technical bid.
- 3.3 The technical bid and the financial bid should be submitted through www.eprocure.gov.in. The technical bids shall be opened and evaluated by the competent committee/authority. At the second stage, financial bids of only the technically qualified bidders shall be opened for further evaluation and recommendations for awarding the purchase order/contract.

It may specifically be mentioned whether quotation is strictly as per terms and conditions of the tender. Deviation, if any, must be spelt out specifically in technical bid. In the absence of this, the quotation may be rejected.

- 3.4 Installation & Commissioning: Within 15 (fifteen) days after delivery (if applicable).
- 3.5 The Quantity of each Item(s)/Equipment(s) may increase (as per Govt. Norms) or decrease at the time of issued of Purchase / Supply / Work Order. The Institute reserves right to purchase partly or not to purchase any item / cancel the entire process at any stage of procurement process.
- 3.6 Penalty: Penalty will be charged @ 0.5 % of per week or part thereof except for force majeure conditions for the unexecuted part of the supply/work order.
- 3.7 Arbitration: All disputes should be attempted to be resolve mutually between the National Institute of Technology, Agartala and the suppliers failing which jurisdiction of any Court of Agartala shall be applicable.
- 3.8 The successful bidder has to give at least 3-4 days on site training for each & every items/equipments by Certified Person (if required).
- 3.9 Model No. of the product should be given with catalogue (if any).
- 3.10 Items/Goods should be sent through Registered Transporter (preferably).
- 3.11 Bidders are required to upload a declaration on letter head stating that the bidder has not been black-listed & holiday listed by any Ministry/Department/Organization.



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

- 3.12 Bidder(s) is/are required to upload a self-certificate as per applicability (Annexure- E or F) regarding offered item(s) as per Office Memorandum No. 6/18/2019-PPD dated 23-07-2022 & 24-07-2020 and Office Memorandum No. F.18/37/2020-PPD dated 8th February, 2021 issued by Department of Expenditure, Procurement Policy Division, Ministry of Finance, Govt. of India.
- 3.13 Bidders are requested to provide valid e-mail ID and phone number for further communication.
- 3.14 Bank A/C in the Exact Name of Bidder/Firm/Supplier with Name, A/C No., IFSC code must be furnished with technical bid.

Yours sincerely,

Registrar

National Institute of Technology
Agartala – 799 046, Tripura

Annexure-I

1. SPECIFICATION OF COMBINED 3 cell RCPT AND 3 cell RCMT

POWER SUPPLY

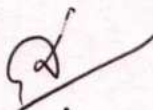
- The DC power supply for the cells 0 to 60 volt continuously.
- The DC supply is provided to all the Six channels individually and the current of individual cells are monitored continuously
- Each channel is provided with protective fuse.
- Flexible cables with banana type pins are provided for all the cells for easier connections to the RCPT and RCMT apparatus.
- DC voltage is controlled by continuously adjustable potentiometer

DATA ACQUISITION SYSTEM:

- Four-line LCD display is provided to indicate the current in milli ampere and voltage in volts, temp in degree Celsius for all six channels.
- DC voltage in 0-99.9volt, current in 0-999.9 milli ampere and temperature in 0-99-degree Celsius
- LCD displays indicate all the parameters continuously. All the data are transmitted to the computer simultaneously.
- Record Interval time set: 0-99min and 0-99 Sec.
- Total log time set: 0-99hr, 0-99min and 0-99 Sec.
- The set values are settable through key pad switches provided
- All the acquired data are transferred to the PC at any time through RS232 to USB

TEST SETUP RCMT:

- The reservoir surrounding the negative terminal is filled with a 10 % NaCl solution.
- The reservoir surrounding the positive terminal is filled with a 0.3N NaOH solution.
- A 30 VDC potential is applied across the specimen, and the initial current is measured.
- Based on the measured initial current, the test voltage and test duration are selected accordingly.
- The 3-cell test setup should in accordance with NT Build 492
- From the penetration depth and test conditions, the chloride ion migration coefficient is calculated.
- RTD sensors range (0-99degree celcius). It is important to maintain a constant temperature in the solutions in the reservoirs.
- The test result, however, is reported as a rate of penetration, by dividing the depth of penetration, in mm, by the product of applied voltage (V) and the test duration (h).



SPECIFICATIONS OF RCPT CELLS

- 3 cell RCPT cell will be made up of transparent acrylic material of 150 X 150mm X 50 mm thick as per ASTM C 1202.
- It will hold the concrete specimen of 100mm diameter 50mm thick.
- It will be provided with rubber gasket and washers for achieving leak proof.
- Stainless steel bolts with washers and nuts will be provided to hold the specimen rigidly.
- The power supply will be applied to each cell through banana sockets and the current will be distributed through the brass mesh.
- Each cell will be provided with openings in top for pouring chemicals and the temperature sensors. The openings can be closed with lids.
- The volume of chemicals within the chamber shall be 250ml.
- Warranty 1 year

2. HALF CELL

Ag/AgCl Permanent Reference Cell is the regular immersion reference electrode to measure electrical potentials for corrosion engineers. It is used as permanent fresh water service electrode. These electrodes have specialty to retain and quick drain of water to show uninterrupted and accurate results all the time.

Applications

Direct silver chloride reference cell in sea water, fresh water, brackish water, marine and offshore with or without chlorides are supplied with 30 feet (10 mts) 4mm sq. insulated copper cable is used to connect measuring unit.

Dimensions

30 mm OD x 150 mm long

Stability

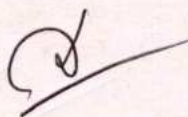
$< \pm 5\text{mv}$

Operating Temperature

0-50° C

Certification

Each cell is tested and provided with batch test certificate.



3. CONCRETE CUTTING MACHINE

Application

Rock/Concrete/Masonry, saw cutting machine can be used to cut Rock Cores, Concrete Cores, Stones, Building materials and metallic specimens. A smooth finish cut can be made with the machine in either wet or dry operation according to the nature of the specimen (cutters should be within the cost).

The specimen cutting machine is designed to cut up to 200mm (specially the size of deep cut required in the specimen) deep cut in the concrete, Stones, Tiles, Soft rocks and Hard rocks or any other similar material.

Specimen cutting machine is supplied should complete fitted on a steel table, vice is fitted to hold the specimen.

A guard must be provided for the Diamond Cutting Wheel.

A machine is operated by an enclosed type of fan cooled motor through the geared head drive.

The speed of cutting wheel is approximate 2100 to 2200 R.P.M. or in accordance with the revolution specified on the particular cutting wheel.

The machine is fitted with water supply pump for cooling the specimen & cutter during cutting operation.

A machine should be suitable for operation on 440 Volts A.C. mains, 3 phase.

In machine arrangements are provided to move the sample, fitted on vice, lengthwise & breadth wise.

Warranty 6 months

4. CONCRETE GRINDING MACHINE

Concrete surface sander specification

Rated input power >300 W

Sanding pad diameter 150 mm (minimum)

Voltage, electrical 240 V

Weight less than 2.5 kg

No-load speed 4,000 – 12,000 rpm

Orbital stroke rate 9,000 – 24,000 opm

Eccentricity 2 mm

Warranty 6 months



5. DRILLING MACHINE

Blows per Minute (BPM) 1400

Product Width 130 mm

Product Height 250 mm

Perform & Protect Yes

Product Weight < 18 Kg

Power Source Corded

Tool Holder 30mm Hex

Power Input 1600 W

Product Length 760 mm

Vibration Control Yes

Dust Solution Compatible Yes

Warranty 6 months

6. DIGITAL FLEXURE TESTING MACHINE, CAPACITY 100KN WITH NABL CALIBRATION

Machine operation Electrical

Beams Size 15 x 15 x 70 cm

Rate of Loading (approximate) 4 kN/min

Capacity (max) 100 kN

Bottom Frame 40 centimeter

Warranty 1 year

Conformity to Standard IS 9399 (1979)

Beams Size 15 x 15 x 70 cm

Digital out put should be available in LCD/ IPS display



7. MORTAR FLEXURE TESTING MACHINE

Ref. Standard- IS:516, ASTM C348-21

The equipment should be suitable for testing of mortar sample of size 40 mm x 40 mm x 160 mm, having all arrangement of placing the sample as per IS standard.

Should be pace rate controlled.

The accuracy of load indication is within $\pm 2\%$.

Suitable for operation on 220 V 50 Hz, single phase, AC supply.

Warranty minimum 1 year.

A handwritten signature or mark, possibly initials, consisting of a stylized 'S' and 'A' followed by a long horizontal line.



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

ANNEXURE – B

PRICE BID

As per BOQ



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala
AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

ANNEXURE – C

Documents for Comprising the Bid

Sr.No.	TENDER REQUIREMENT	COMPLIANCE	Document Submitted
1	Name of the Firm / Agency / Dealer / Supplier with full address including contact number and email id etc.	Yes / No	Yes / NA
2	Trade License issued by Government / Statutory Body or Company Registration on the item(s) related to this tender.	Yes / No	Yes / NA
3	GST Registration of the Supplier/Firm/Bidder.	Yes / No	Yes / NA
4	PAN Registration of the Supplier/Firm/Bidder	Yes / No	Yes / NA
5	Financial Solvency issued by Bank(as per RBI guidelines) (in case of estimated cost is Rs.25.00 lakhs and above).	Yes / No	Yes / NA
6	Up to date GST return / any other tax clearance certificate. (last filed GST return)	Yes / No	Yes / NA
7	Up to date Income Tax Return (Last filled ITR)	Yes / No	Yes / NA
8	“Bid Security Declaration form” on Company Letter Head (Scanned copy to be uploaded along with Technical bid).	Yes / No	Yes / NA
9	Service Support details (if applicable)	Yes / No	Yes / NA
10	Certification of holiday and non-black listing (Self Certification)	Yes / No	Yes / NA
11	Certification as per memorandum No. F.18/37/2020-PPD dated 8 th February 2021, Dept. of Expenditure, Ministry of Finance, Govt. of India (Self Certification)	Yes / No	Yes / NA
12	Proprietary Certificate from OEM to be uploaded along with the Technical Bid in case of Proprietary items	Yes / No	Yes / NA
13	Manufacturers Authorization Form (MAF) (if applicable)	Yes / No	Yes / NA
14	Certificate under MSME, NSIC, Make-in-India & Startup as per Govt. of India Norms (if applicable).	Yes / No	Yes / NA
15	Experience, if any, with govt. sector /Public Undertaking /Private sector (if applicable) (May be relaxed for MSME, NSIC & Startup as per Govt. of India Norm)	Yes / No	Yes / NA
16	Any other criteria related to this tender.	Yes / No	Yes / NA
17	Supplier/Firm/Bidder should accept all Terms & Conditions and specification of the items given in the Tender Document.	Yes / No	

(Signature of the bidder)



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

Annexure-D

Bid Securing Declaration Form

Date: Tender Ref. No: Tender ID:

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 Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one 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 the 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)



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

Annexure-E

(Compliance to be submitted in the bidder's letterhead)
(as applicable)

Sub: Compliance to Government of India order OM No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 and OM No. F.18/37/2020-PPD dated 8th February, 2021 regarding restrictions under Rule 144 (XI) of the General Financial Rules (GFRs), 2017.

Item Name:	
Enquiry No.:	

We M/s.(name of the bidder company) have read the clauses pertaining to the Department of Expenditure's (DoE) Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020) regarding restrictions on procurement from a bidder of a country that shares a land border with India.

We hereby certify that **we are not from such a country** and eligible to be considered for this tender.

(Note: Non-compliance of above said GoI Order and its subsequent amendment, (if any), by any bidder(s) shall lead to commercial rejection of their bids by NIT-Agartala)

For and behalf of(Name of the bidder)

(Signature, date & seal of an authorized representative of the bidder)



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

Annexure-F

(Compliance to be submitted in the bidder's letterhead)
(as applicable)

Sub: Compliance to Government of India order OM No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020 and OM No. F.18/37/2020-PPD dated 8th February, 2021 regarding restrictions under Rule 144 (XI) of the General Financial Rules (GFRs), 2017.

Item Name:	
Enquiry No.:	

We M/s. (name of the bidder company) have read the clauses pertaining to the Department of Expenditure's (DoE) Public Procurement Division Order (Public procurement no 1,2 & 3 vide ref. F.No.6/18/2019-PPD dated 23.07.2020 & 24.7.2020) regarding restrictions on procurement from a bidder of a country that shares a land border with India.

We are from such a country which shares a land border with India & have been registered with the Competent Authority as specified in the above-said order. We hereby certify that we fulfill all requirements in this regard and are eligible to be considered.

Evidence of valid registration by the Competent Authority is attached.

(Note: Non-compliance of above said GoI Order and its subsequent amendment, (if any), by any bidder(s) shall lead to commercial rejection of their bids by NIT-Agartala)

For and behalf of(Name of the bidder)

(Signature, date & seal of an authorized representative of the bidder)



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

Annexure -G

Self-Certification on the letterhead of the company

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, P-45021/2/2017-PP (BE-II) dated 28.05.2018, P-45021/2/2017-PP (BE-II) dated 29.05.2019 and P-45021/2/2017-PP (BE-II) dated 16.09.2020,

We hereby certify that (Supplier name) are local supplier meeting requirement of minimum local content..... % defined in as above orders for the material against Enquiry / Tender No dated.....

Details of the location at which local value addition will be made are as follows:

.....
.....
.....
.....

We also understand false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permitted under law.

Date:

Place:

Signature:

Name and Designation:

Mobile no:

Office Telephone No:

Email ID: Office Seal



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology Agartala

AGARTALA - 799 046 (TRIPURA)

No.F.NITA.10(10-CE)/Material Testing Lab/Instrument Purchase/2024-25

Date: / /2024

Annexure -H

NON BLACKLISTING SELF CERTIFICATE

[To be submitted on letterhead]

I/We hereby certify that the ----- [Name of the company / firm] has not been ever blacklisted/debarred by any Central / State Government / Public Undertaking / University / Institute on any account.

I/We also certify that firm will provide material as per the specification given by NIT Agartala and also abide all the terms and conditions stipulated in the bid document.

I/We also certify that the information given in bid is true and correct in all aspects and in any case at a later date it is found that any details provided are false and incorrect, contract given to the concerned firm or participation may be summarily terminated at any stage, the firm will be blacklisted and NIT Agartala may impose any action as per the rules.

Date :

Place :

Name :

Business Address:

Signature of Service Provider:

Seal of the Service Provider: