



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR
MAHATMA GANDHI AVENUE

DURGAPUR –713 209, WEST BENGAL, INDIA

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BID REFERENCE: NITD/SOIL/1/2018-19

Dated: 28.11.2018

**Sub: NOTICE INVITATION E-TENDER FOR BID FOR SUPPLY OF INSTRUMENTS
AND INSTALLATION.**

SCHEDULE

Name of Organization	National Institute of Technology
Tender Type (Open/Limited/EOI/Auction/Single)	Open
Tender Category (Services/Goods/works)	Goods
Type/Form of Contract (Work/Supply/Auction/Service/Buy/Empanelment/ Sell)	Buy
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Instrument /Equipment
Source of Fund (Institute/Project)	Up Gradation of UG Laboratories
Is Multi Currency Allowed	NO
Date of Issue/Publishing	28/11/2018 (15.00 Hrs.)
Document Download/Sale Start Date	28/11/2018 (15.00 Hrs.)
Document Download/Sale End Date	19/12/2018 (15.00 Hrs.)
Date for Pre-Bid Conference	N/A
Venue of Pre-Bid Conference	N/A
Last Date and Time for Uploading of Bids	19/12/2018 (15.00 Hrs.)
Date and Time of Opening of Technical Bids	20/12/2018 (15.00 Hrs.)
Tender Fee	Rs.200/-
EMD	N/A
No. of Covers (1/2/3/4)	02
Bid Validity days (180/120/90/60/30)	90 days (From last date of opening of tender)
Address for Communication	Dr. Supriya Pal Associate Professor, Department of Civil Engg. National Institute of Technology, Durgapur M. G. Avenue. Durgapur -713209, West Bengal. INDIA
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Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app> . The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission.

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'NIT'. Thereafter, Click on "GO" button to view all NIT Durgapur tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page. No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

1. You are invited to submit your most competitive quotation for the goods as per annexure-I

2. **Bid Price**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The bid price must be quoted in **Indian Rupees**.
- e) Tender fee must be deposited through DD in favor of "NIT Society Durgapur"

SBI RE College Branch , (Account number : 11520034072)

f) GST @5% is applicable as the above mentioned items are to be procured for research and educational purpose. Necessary certificate will be provided.

3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to

apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.

4. The bid submitted by the bidder must comprise the following:

Part – I (Technical Bid)

- a) **Digitally signed copy of the filled in Notice Inviting Tender (NIT)**
- b) **Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied**
- c) **Authorized dealership certificate from the original manufacturer**
- d) **List of Other Important Documents**

Sl. No.	Category	Sub Category	Sub Category Description
1	Certificate Details	Affidavit regarding No Near Relative working in department	Affidavit regarding No Near Relative working in department
		GST Registration Certificate	GST Registration Certificate
		Partnership Deed (If applicable)	Partnership Deed
		Permanent Account Number	Permanent Account Number Details
		Power of Attorney (If applicable)	Power of Attorney
		Registration Certificate	Registration Certificate Details
2	Financial Details	Annual Turn Over Details	Annual Turn Over Details
		Audited Profit and Loss Account and Balance Sheet Details for last 3 Years	Audited Profit and Loss Account and Balance Sheet Details for last 3 Years
3	Work Details	Existing Commitments	Existing Commitments Details
		Works Completed	Works Completed Details

Part – II (Financial Bid)

Price bid

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than **90** days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

(a) are properly signed and

(b) Conform to the terms and conditions, and specifications.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Civil Engg. at NIT, Durgapur**

9. Payment shall be made immediately within **45 days** after satisfactory installation, commissioning and acceptance of the good.

10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.

11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:

a) Scientific and technical instruments, apparatus, equipment (including computers);

- b) Accessories, spare parts and consumables thereof;
 - c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of 5% of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. Bids are to be submitted **in two separate folder** marked **PART-I** (Technical bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No. **NITD/SOIL/1/2018-19**”.
15. Settlement of any dispute will be made under the jurisdiction of Durgapur Court, West Bengal.
16. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
17. All other terms and conditions of GFR 2017 of the Government of India will be applicable.
18. Installation, commissioning, complete demonstration and successful running at Civil Engineering Department, NIT, Durgapur, and the party has to submit the installation certificate.
19. We look forward to receiving your bids and thank you for your interest in this project.

Dr. Supriya Pal
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PART (A)

Item No.	Name of the Equipment	Specification of the Equipment	Unit
1.	VANE SHEAR TEST APPARATUS	<p>Ref. Standard IS:2720 (Part 30) Should consist of a special motor, adjustable in height by means of a lead screw rotated by a drive wheel to enable the vane to be lowered into the specimen. Rotation of the vane is to be by means of an electric motor turns the upper end of a calibrated torsion spring to give a rotation of 0.10/sec. The vane shaft is to be attached through the hollow upper shaft to a resettable pointer, which indicates the angle of torque on a dial graduated in degrees. Rate of rotation : 1/60 rpm Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply. The equipment should consist of the following parts : Container: 1 No. Set of 4 Springs, (one each of capacity 2 kg- cm, 4 kg-cm, 6 kg-cm and 8 kg-cm)</p>	01
2.	DIRECT SHEAR TEST APPARATUS	<p>Ref. Standards IS:2720 (Part 13) The instrument should be suitable for specimens of size 60×60×25mm. The pre calibrated load yoke should help counter balance the loading system. The load yoke with direct and through lever system for applying normal load upto 3 kg/cm² capacity, fixtures for proving ring, brackets for holding consolidation and strain dial gauges are to be provided. Suitable for operation on 220V, 50Hz, Single phase, AC supply. Type of Shear : Direct/Residual Measurement Operation : Motorised Rates of Strain : 1.25, 0.625, 0.25, 0.125, 0.05, 0.025, (mm/min) 0.01, 0.005, 0.002, 0.001, 0.0004, 0.0002.</p> <p>The equipment should consist of the following replaceable parts: Shear Box Assembly. This assembly comprises of : Halves of the Shear Box: 2 Nos. Plane Gripper Plate: 2 Nos. Perforated Gripper Plate: 2 Nos. Porous Stone: 2 Nos. Top Loading Pad: 1 No. Base Plate: 1 No. Shear Box Housing with two linear bearing cases with steer: 1 No. Specimen Cutter: 1 No. Surcharge Weights to attain normal stress of 3 kg/cm²: 1 set</p> <p>The surcharge weight set comprises of following weights: 0.05kg/cm²:4Nos. 0.10kg/cm²:1No. 0.20kg/cm²:1No. 0.50kg/cm²:3Nos.</p>	01

		1.00kg/cm ² : 1No. Compression-Tension Proving Ring, 2 KN. capacity: 1 No. Dial Gauge 0-25 × 0.01mm: 2 Nos.	
3.	PROVING RING	Integral Type Compression Proving Ring, 30.0kN - with Calibration Certificate: 1 No.	01