

NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR
Silchar – 788 010 (ASSAM)

No: NITS/PS-403(A)/Chem/DST Proj/EMR/Dr.P.Barman/17

Date - 06-03-17

Price Rs.500.00

NOTICE INVITING TENDER

**FOR SUPPLY AND INSTALLATION OF INSTRUMENT/EQUIPMENT
FOR CHEMISTRY DEPARTMENT AT NIT, SILCHAR**



LAST DATE & TIME OF SUBMISSION : 29-03-17 up to 3.00PM

DATE & TIME OF OPENING : 29-03-17 at 3.30PM



**NATIONAL INSTITUTE OF TECHNOLOGY
SILCHAR - 788 010**

Tel.No. Director: (03842) 224879

Fax: (03842) 224797

NOTICE INVITING TENDER

Adv. No: NITS/PS-403(A)/Chem/DST Proj/EMR/Dr.P.Barman/17

Sealed Tender/Quotations are invited **FOR SUPPLY AND INSTALLATION OF INSTRUMENT/EQUIPMENT FOR CHEMISTRY DEPARTMENT AT NIT, SILCHAR** along with Earnest Money Deposit (EMD) of **2% of the Bid Value** in the form of **Demand Draft in favour of "The Director, NIT, Silchar"**. **No Interest shall be paid on EMD**. EMD shall be forfeited if the firm refuses or neglects to execute the contract or fails to furnish the required performance security as specified by the institute.

Detail specification of the item/items is given in **(Annexure – A)**.

The cost of tender document is Rs.500.00 (Non-refundable) to be submitted in the form of DD in favour of The Director, NIT, Silchar. The last date for submission of Tender documents will be 29-03-18 up to 3.00PM and tender will be opened on the same date at 3:30 PM in..... Office of the HOD, Chemistry DEPT, NIT SILCHAR. No tender shall be entertained by e-mail/FAX.

The offers without Cost of Tender & Earnest Money Deposit (EMD) shall be outright rejected.

Director, NIT Silchar reserves the right to extend the date, or cancel the tender, accept or reject any/all quotations or not to purchase all or any of the items.

Quotations are to be sent/submitted in sealed covers addressed to:-

**The Purchase Officer
National Institute of Technology, Silchar
788 010 (Assam)**

REGISTRAR, NIT SILCHAR

NOTICE INVITING TENDER

Credential Criteria:

- The bidder should have provided similar nature of services to IITs/NITs/Govt. Departments/Semi Govt. Departments/PSU/Educational Institutions of National Importance etc. during last three years. **Duly certified copies are to be enclosed.**
- Quotations are to be submitted in **TWO PARTS** i.e. (a) **Technical Bid** and (b) **Price Bid**, in two separate properly sealed covers; and both these covers will have to be again put in to a single sealed cover. Also, the address of the firm submitting the quotation must appear distinctly on both the inner sealed covers, indicating also TECHNICAL BID/PRICE BID as may be applicable. The outer most cover shall be super scribed as
 - "QUOTATION FOR SUPPLY & INSTALLATION OFFOR
..... NIT SILCHAR.
 - VIDE TENDER REF NO NITS/PS-....., DATED..... DATE
OF OPENING

[The bid may be summarily rejected & returned to the bidder if the sealed envelope containing the quotation is not super scribed as above].

- **Genuine Pricing** (Both foreign & indigenous) :Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to IIT/Institutes and other Government Organization. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with your offer.
- **No Part Delivery:** Part shipment for any items will not be allowed.
- **Termination for default :** Default is said to have occurred -
- If the supplier fails to deliver any or all of the items/services within the time period(s) specified in the purchase order or any extension thereof granted by NIT Silchar, the Institute may terminate the contract / purchase order in whole or in part and forfeit the EMD/PBG as applicable.

TERMS & CONDITIONS:

1. The bidding agency should have all necessary certificates, viz. VAT registration certificate, PAN for Income Tax, Authorized Dealership/Distributorship/OEM certificate, etc. The photocopies of all the certificates should be attached with the tender. The firm/agency should not have been debarred and / or blacklisted by any govt. dept./organization.
2. The firm should be an original manufacturer/Authorized Dealer/Supplier in the business of manufacture or supply of business for minimum 5 (five) years. The firm should submit audited financial statements for latest three financial years in support of this claim.
3. The items being quoted should be of Original Manufacturer and no non-standard item should be quoted. All detailed specifications with make & model no. of the items accompanied by proper leaflets should be clearly mentioned and attached with the offer. In case of proprietary or patented item, necessary certificates in support of the same should be attached. The bidder must submit the Compliance Statement and Deviation Statement of technical specification. In case of imported item, the bidder (if Indian Agent) must furnish Authorization Letter in the Letter Head of the Principal manufacturer.
4. **The bidder is to submit necessary work orders** from NITs / IITs / Centrally funded Research Institutes and or Laboratories/ State Govt institutes or colleges/ IISc/ Central Universities for justification of their quoted rates. Work orders prior to 2013 A.D. need not be enclosed.
5. **The rate quoted must be both in words and figures and F.O.R. / Destination National Institute of Technology, Silchar inclusive of packing, forwarding etc. Octroi, surcharge, insurance, Installation and any other charges.** Educational discount, if any should be indicated clearly. Tenderer(s) may note that the Government of India exempts this Institute from paying custom duty/excise duty on selected items. Necessary documents will be furnished if required on demand by the Tenderer(s). **Rate quoted for any other destination shall not be accepted.**
6. Assam Sales Tax must be quoted as extra in the tender wherever applicable.

7. NIT Silchar will not provide educational concession Central Sales Tax Form 'D', wherever applicable.
8. Payment shall be made only after receipt of the materials/articles in good and working conditions as per specifications and after satisfactory installation and commissioning of the equipment's/machinery/accessories by the department.
9. Manufacturer's/Company's name, it's trademark should be mentioned in the Tender and illustrative leaflets giving technical particulars, etc. should be attached in the tender.
10. Tenderer(s) registered with the State/Central Government must quote his registration numbers, if any, and submit a Xerox copy of registration along with the tender.
11. Guarantee/Warranty period offered for the tendered item is to be clearly specified.
12. The rates to be quoted by the agency should be valid for a period of six months from the date of placement of order.
13. The quantity against each item mentioned in the tender may vary according to the actual requirements at the time of placing Purchase Order.
14. It is not binding for the bidding agency to quote for all the items.
15. **Every page of this tender document shall be duly sealed & signed by an authorized person, on behalf of the bidding firm. The sealed & signed tender document should be submitted along with the bid.**
16. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if, shall be made by crossing out, initialing dating and rewriting.
 - b) **The bidder should quote the total price for each item inclusive of packing and forwarding, all duties, levies, insurance, installation, any other charges, etc. Only taxes & (discount if any) should be mentioned separately.**
 - 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.
17. Each bidder shall submit only one quotation.
18. All necessary documents shall be furnished along with the bid.
19. Validity of Tenders/Quotations: Tenders/Quotations shall remain valid for a period not less than 6 months after the deadline date specified for submission of tender.
20. **Packing**
 - a) The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
 - b) The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements.
21. **Evaluation of Quotations :**

NIT Silchar will evaluate and compare the quotations determined to be substantially responsive i.e. which

 - a) are properly signed
 - b) Conform to the terms and conditions, and specifications.
22. **Award of contract:**

NIT Silchar 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.

- a) The bidder whose bid is accepted will be notified of the award of contract by the NIT Silchar prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- b) Normal commercial warranty/guarantee shall be applicable to the supplied goods.
- c) The goods (both indigenous & imported) should be insured against theft, loss or breakage during transit till destination.
- d) Upon delivery of goods, the supplier shall submit Suppliers Invoice, Insurance certificate, Warranty Certificate, or any other document.

21 **Acknowledgement of the Purchase Order:** The supplier shall give an acknowledgement of the Purchase Order within 15 days of the date of the Purchase Order. In case, the supplier fails to acknowledge the Purchase Order within the stipulated time, the Institute is at liberty to cancel the Purchase Order.

22 No alternations in tender forms shall be made by the bidder and if any such alteration is made, the tender is liable to be rejected.

23 **Delivery Schedule:** Delivery schedule shall clearly be indicated in the quotation submitted by the supplier. In case of delay in delivery of ordered material penalty@2% of the total value of the order per one week shall be imposed.

24 Demurrages and penalty, if any, paid by the supplier shall not be borne by the Institute.

25 The tenders submitted shall clearly mention the name of the firm/person in whose favour the purchase order is to be placed.

26 Contact details of the person for all post sales/installation maintenance support should clearly be given with **Name & Designation, Phone No, Fax No, Mobile, E-mail and official address.**

27 National Institute of Technology Silchar is not liable for non-receipt of the tender forms in time due to wrong address/ any delivery delay of the mail service provider/ force majeure. Tender documents received after the last date and time for receiving tenders will be summarily rejected.

28 **Successful bidder shall give a performance security in the form of Bank Guarantee @ 5% of the order value.** The performance security shall be furnished after the order for supply is placed and before the final payment.

- The proceeds of the Performance Security shall be payable to the purchaser as compensation for any loss resulting from the suppliers failure to complete its obligations under the contract.

29 All legal disputes shall be under the jurisdiction of the Silchar Courts of Cachar District in the state of Assam.



Registrar, NIT Silchar
PIN: 788 010

DECLARATION

I / We hereby declare that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). Also I /We have not been suspended / blacklisted by any PSU / Government Department / Financial Institution / Court.

(Signature & seal of the contractor)

Place:

Date:

NO DEVIATION CERTIFICATE

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions of this tender and we do not have any deviation to this tender enquiry. We hereby undertake and confirm that we have understood the scope of work properly and shall be carried out as mentioned in this tender enquiry.

(Signature & seal of the contractor)

Place:

Date:

BIDDERS DETAILS

Name of the Contractor /Party/ Firm	:	<input type="text"/>
Name of Authorized Representative	:	<input type="text"/>
Phone Nos.	:	<input type="text"/>
Mobile Nos.	:	<input type="text"/>
Fax No.	:	<input type="text"/>
E-Mail Address	:	<input type="text"/>
Web Site Address (If Any)	:	<input type="text"/>

(Signature & seal of the contractor)

Place:

Date:

TECHNO-COMMERCIAL BID

NAME OF THE WORK : SUPPLY AND INSTALLATION OFAT NIT SILCHAR					
TENDER NO. :					
Sl. No.	Name of item with Specification, Make & Model	QTY.	Rate per Unit in (Rs.)	Taxes in % & (Rs.)	Total Amount in (Rs.)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
				Sub Total Amount	
				Discount (if any)	
				Taxes (if any)	
				Other Charges (if any)	
				Grand Total Amount	
(AMOUNT IN WORDS)					

I/ we have gone through all the Special & General Conditions and the contractor's obligations enclosed with this tender document and agree to abide by these.

Note: In case of discrepancy in rates between figure & words the higher will be taken for evaluation of bid and lower value will be taken for award of work.

(Signature & seal of the contractor)

Place:

Date:

CHECK-LIST (TECHNICAL BID)

SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER

Sl. No.	Description of Requirement	Yes / No / NA	Page No.
1.	Tender Cost Rs.500/- (Non-refundable) in the form of Demand Draft in favour of "Director, NIT Silchar" in a separate envelope		
2.	EMD @2% of total bid value in the form of Demand Draft in favour of "Director, NIT Silchar" in a separate envelope		
3.	Copy of Manufacturer/ Authorized Supplier Certificate		
4.	Audited financial statement for the last 3 years		
5.	Copy of the PAN card.		
6.	Copy of VAT registration certificate		
7.	Copies of previous work order of similar work with completion certificate		
8.	Declaration certificate		
9.	No Deviation certificate		
10.	Bidder's details		
11.	Technical Specification		
12.	NSIC/SSI Certificate where applicable		
13.	All the pages of tender document have been signed		
14.	Sealed envelope of price bid submitted.		
15.	Complete copy of Techno Commercial Bid submit along with the Price Bid.		

(Signature & seal of the contractor)

Place:

Date:

TECHNICAL SPECIFICATION OF INSTRUMENTS

1.Item : Vertical Autoclave , QTY REQUIRED : 01

Specification:

1. Chamber volume: 50 lit
2. Sterilization chamber -- > corrosion resistant stainless steel
3. Microprocessor controller for high precision temperature control.
4. Display for the temperature, timer and warning alert check.
5. Automatic sterilization system for unattended operation.
6. Sterilization temperature ---121°C

2.Item: Hot Air Oven QTY REQUIRED : 01

Specification: 1. Controller from ambient temperature 50°C to 250 ± 1°C

2. Air ventilator ---side unit
3. To work on 220/230 volt A.C.
4. Inner chamber - 300x300x300 mm
5. Digital control display
6. Capacity: 227 L

3.Item: Orbital Shaking Incubator QTY REQUIRED : 01

Specification: 1. Speed- 20 to 205 rpm

2. Digital display
3. Interchangeable clamps.
4. Supply voltage 220 to 240 volt 50 Hz single phase
5. Capacity: 40 x 100 ml flask, 30 x 150 ml flask, 20 x 250 ml flask, 16 x 500 ml flask.

4.HOT STAGE MICROSCOPE QTY REQUIRED : 01

[A]. POLARIZING MICROSCOPE (to be compatible with the Hot Stage Plate with given specifications)

Specifications required

- / Color corrected antifungus optical system
- / Microscope stand with coaxial fine and course focusing mechanism
- / Coarse motion Torque adjustable
- / Upper stage drive stop incorporated
- / Binocular eyepiece tube (preferable Siedntop f design)
- / 30 deg inclined. IPD 55 to 75mm
- / Eyepiece High eye point WFPL 10x/20mm
- / With diopter adjustment & rubber eyecups
- / Reversed revolving centerable quadruple nosepiece
- / Intermediate Tube
- / Lens (i.e. Bertrand)
- / Rotatable Analyser

- / Polarizer
- / Circular graduated stage with click stops
- / Rectangular mechanical stage
- / 360 deg rotatable, glass slide holder
- / Condenser swing out
- / Illumination: 6V/30W halogen, transmitted light system (with one spare lamp)
- / Stage micrometer
- / Objectives
 - CCIS EF strain free objective 5X, 10X, 20X, 50X
- / Dust cover
- / Microscope eyepiece adaptor (28mm,30mm,34mm,35mm)
- / Microscopic Digital Camera With Software
- o C mount adaptor
- o High resolution digital camera with 1/2" CMOS chip
- o USB 2.0 PC connection
- o Real time Live image resolution: 2048x1536 pixels
- o 16mm lens
- o Macro viewing tube
- o Programmed interval captures
- o Video capture by time settings
- o Easy calibration and measurement in microns, inches, mm

Optional:

- / Tint plate
- / Retardation plate Quartz wedge
- / Calibration slide
- / Ellipse, Rectangle, irregular shape measurements
- / Perimeter, radius, circumference measurements
- / Angle measurements
- / Magnifier
- / Distant image sharing
- / Sound recording
- / Image amalgamation and adjustment effects
- / Automatic cell counting
- / Data Export
- / Report generating and print out
- / Interactive file format
- / MP3 compatible.

5. HOT STAGE PLATE (to be compatible with the Polarizing Microscope with given specifications)

QTY REQUIRED : 01

Specifications required

- / Hot stage with mounting plate
- / Hot Stage with Stage Temperature / Time recording & Control Facility from / to PC or Laptop

/ Software for PC control with perpetual license and free routine updates
/ Must be specifically designed for *polarized microscope quoted above*

Stage body-

/ Inbuilt heaters & temperature sensor
/ Adjustable slide holder/mover mechanism in front-back & sideways direction
/ Anodized Al & the centre piece (high quality steel/alloy ring)
/ Temperature controller
/ Dimension: Outside- 110 mm (Ø), 90 mm, hole, 20mm
/ Temperature range- Ambient (+5) to 350°C
/ Temperature control : $\pm 2-3^{\circ}\text{C}$ @ 350
/ Temperature uniformity
/ Solid state Pt RTD (Pt-100) temperature sensor
/ Programmable, Microprocessor based PID controller with Electronic relay and soft keys
/ Multiple Segments, LED display with 0.1° C resolution
/ Heating Ramp
/ Calibration through soft key

Accessories-

/ Adjustable slide holder/mover mechanism
/ Rapid cooling blocks (at least 3 No.)
/ Cover Glass Plates (22 x 22 mm), Approx Qty 100
/ Glass Slides (37.5 x 25 mm, 01 mm thick), Qty 100
/ Immersion oil (30 ml bottle), Qty 5
/ Power chord (1.5 mtrs) with 5 Amps, 3 pin Molded plug, spare fuses (2)
/ Data cable(s) with necessary hardware & software
/ Operating Instructions

Temp. controlling range: 50°C (>room temp)
Temp. setting division: 1°C
Temp. display division: 0.1°C

2. Standard outfit : Temp. controller : 2 LED digital display screen and 2 touching button for adjusting temperature, ON/OFF switch at the rear.

Temp. controlled stage : built-in heater and heat sensor with the size of 150mm X 130mm X 5.8mm

6. Item: Analytical Balance QTY REQUIRED : 01

Specification: 1. Motorized auto calibration along with IsoCAL option

1. Readability : 0.1 mg
Weighing Capacity : 220 gm
Repeatability : 0.1 mg
Linearity : $\leq \pm 0.2\text{mg}$
Weighing Pan: 90 mm dia
Response time: 3 s
2. Digital display and touch screen