



राष्ट्रीय प्रौद्योगिकी संस्थान नागालैंड
NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND
Chumukedima, Dimapur
Nagaland - 797 103

**TENDER DOCUMENT FOR SUPPLY AND INSTALLATION
OF ELECTROSPINNING UNIT AT NIT NAGALAND**

NOTICE INVITING E-TENDER

Notice Inviting Tender No.	: NIT-N/SH/Project/2020/02-01 Dated 04/02/2020
Tender Document Issue Date	: 04-02-2020
Last Date of Submission of Tender	: 25-02-2020, 12.00 p.m.
EMD Amount	: Rs. 30,000/-
Technical Bid Opening Date and Time	: 26-02-2020, 2.30 p.m.
Financial Bid Opening Date and Time	: 26-02-2020, 3.00 p.m.
Delivery Period	: Four Weeks from the date of Purchase Order
Tender Document Fee	: Rs. 3,000/-
Address for Submission of EMD & Tender Fee	: The Registrar National Institute of Technology Nagaland Chumukedima, Dimapur-797 103

NATIONAL INSTITUTE OF TECHNOLOGY NAGALAND
Chumukedima, Dimapur – 797 103.

NOTICE INVITING E-TENDER

NIT-N/SH/Project/2020/02-01

Date: 04-02-2020

National Institute of Technology Nagaland is one of the newly established Institutes by MHRD under the NIT Act 2007 to impart technical education and to promote research activities in the North East region.

Sealed Quotations under two cover system (1. Technical, 2. Financial) are invited from the reputed Manufacturers / Dealers / Registered Suppliers for Supply and installation of Electrospinning Unit at NIT Nagaland as per the specifications (Annexure-I), terms and conditions given, so as to reach the office of the Registrar on or before the scheduled date and time. The detailed tender document can be download from the institute website www.nitnagaland.ac.in or <https://eprocure.gov.in/>.

The bidder shall be required to deposit the earnest money (EMD) for an amount of Rs. 30,000/- (Rupees Thirty Thousand only), which is refundable and a tender document fee for an amount of Rs. 3,000/- (Rupees Three Thousand only), which is non-refundable by way of Demand Draft only. The Demand Draft shall be drawn in favour of “IRG, NIT Nagaland” payable at Chumukedima, Dimapur. **The original Demand Drafts for Earnest Money Deposit & Tender Document fee** shall be submitted in a sealed envelope bearing the following reference on the top left corner: NIT-N/SH/Project/2020/02-01, latest by 25th February 2020, 12.00 p.m. and addressed to The Registrar, National Institute of Technology Nagaland, Chumukedima, Dimapur, Nagaland - 797 103

Bid(s) received beyond the due date of submission will be rejected. **The tender documents should be submitted in Government of India e-procure portal only (<https://eprocure.gov.in/cppp/>) on or before the due date and time (25-02-2020 at 12:00 PM). Tenders submitted by E-mails, Post, Courier, in person, etc., shall not be entertained.** The Institute shall not be responsible for any postal delay for non-receipt of the EMD & tender fee.

1. ESSENTIAL QUALIFICATIONS FOR SUPPLY AND INSTALLATION OF ELECTROSPINNING UNIT

- a) The Bidder should have experience of executing at least 5 (Five) Purchase Orders of Equipments/Machines from any IITs /NITs/ Central Govt. Institutions or Educational & Research Institutions of National Repute.
- b) Average annual Turn Over for supply/sale of Equipment for the last 3 years should be at least Rs.50.00 lakhs. The bidder should produce audited statement of accounts for the last 3 years.
- c) The bidder should produce back up documents like purchase orders, work completion certificates for the above mentioned work.
- d) The bidder should furnish the certificate of PAN, GST number and IT Returns of last three years.
- e) The bidder (in case of authorised dealer) should provide the authorised certificate from the OEM/Manufacturer for the providing the same equipment as per the specification mentioned in the Annexure-I.
- f) The manufacturer / dealer should assure and submit self certificate for availability and supply of spares for next 3 years for the materials to be supplied.
- g) Manufacturer should provide latest ISO certification. Dealers participating should enclose certificate from their parent manufacturer company.

Note:

All the supporting documents should be attached with the Technical Bid, without which the tender will be rejected. The bidder need to bring the above original documents at the time of technical opening for the verification.

2. Instructions to Bidder for Submission

- a) Interested firms meeting the criteria are required to submit the Technical Bid and Financial Bid only through Government of India e-procure portal only i.e. <https://eprocure.gov.in/cppp/>.
- b) Bid(s) received beyond the due date of submission will be rejected. No tender document will be entertained by Post/E-mail/FAX.
- c) The Institute shall not be responsible for any postal delay about non-receipt / non-delivery of the tender fee /EMD.
- d) Technical bid(s) will be opened on 26-02-2020 at 2.30 p.m. in the Conference Hall, Administrative Block of the Institute in the presence of the bidder(s) or their authorized representative(s) who are present at the scheduled time. The Financial bid(s) of the technically qualified bidder(s) will be opened on 26-02-2020 at 3.00 p.m.

- e) In the event of the due date of receipt and opening of the tender being holiday/declared as holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.
- f) Any amendment or addition made to the tender are not permissible after opening of the tender. Incomplete tenders will be rejected.
- g) The Institute reserves the right to reject any or all tenders, wholly or partly or close the tender at any stage prior to award of contract without assigning any reason whatsoever.
- h) The bidder shall be required to deposit the earnest money (EMD) for an amount of Rs. 30,000/- (Rupees Thirty Thousand only), which is refundable and a tender document fee for an amount of Rs. 3,000/- (Rupees Three Thousand only), which is non-refundable by way of Demand Draft only. The Demand Draft shall be drawn in favour of “IRG, NIT Nagaland” payable at Chumukedima, Dimapur. The original Demand Drafts for Earnest Money Deposit & Tender Document fee shall be submitted in a sealed envelope bearing the following reference on the top left corner: NIT-N/SH/Project/2020/02-01 dated 04.02.2020, latest by 25th February 2020 at 12.00 p.m. and addressed to The Registrar, National Institute of Technology Nagaland, Chumukedima, Dimapur, Nagaland- 797 103.
- i) Any bid without the Demand Drafts of Earnest Money Deposit and tender fee is liable to be rejected. The Institute is not responsible to pay any interest on such amount. Earnest Money Deposit shall be forfeited, if the tenderer withdraws its bid during the period of tender validity.
- j) The Earnest Money Deposit of the successful bidder shall be refunded after the completion of contract/order. For unsuccessful bidder(s) it will be refunded after award of the contract.
- k) The rate quoted should be valid for a minimum period of 90 days. No claim for escalation of the rate will be considered after opening the tender.
- l) The Institute reserves the right to accept in part or in full any quotation(s) or reject any or more quotation(s) without assigning any reason or to cancel the tendering process and reject all quotation(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).
- m) A prospective bidder requiring any clarification of the tender document may communicate to the Registrar, NIT Nagaland.
- n) At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the tender document by an amendment.
- o) The bidder should strictly adhere to the specification and releasing of the payment is subject to satisfactory report by the Institute / concerned authorities.
- p) The rates should be quoted in Indian Rupee including all taxes and Freight charges at F.O.R destination at NIT Nagaland, Chumukedima, Dimapur - 797103.

3. Delivery: The delivery should be completed within Four Weeks from the date of issue of the Purchase Order.

- 4. Payment Terms:** The payment of 60 percent of the order value shall be released after receipt of item(s) in good condition and after inspection of the goods jointly by representative from Bidder & NIT Nagaland. The next payment of 35 percent shall be released after the successful installation and completion of total work. The balance 5 percent of the total work value will be kept as Performance Security deposit for one year and the same will be returned within 30 days of completion of one year of maintenance phase from the date of installation and acceptance.
- 5. Taxes:** as applicable.
- 6. Guarantee:** An undertaking should be given to repair or replace any part found defective due to faulty design or bad workmanship during the period of two years from the date of delivery of goods to the Institute at free of charge. Delivery of free replacements or repaired parts should be effected free of charge to the Institute within a reasonable period stipulated.
- 7. Warranty:** Two Years comprehensive on-site warranty and it will be started from the date of the satisfactory supply and installation with expected requirements.
- 8. Other terms & Conditions:** For other terms & conditions please refer our standard conditions.
- 9. Force Majeure:** If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:
- Any law, statute or ordinance, order action or regulations of the Government of India,
 - Any kind of natural disaster, and
 - Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.
- 10. Performance Bank Guarantee (PBG):** In case of items with order value of Rupees five lakhs (INR 5,00,000/-) and above, the successful bidder shall furnish an unconditional PBG (as per format at Annexure II) for 5% of the Purchase Order value from a scheduled Bank of India, after receiving the purchase order. Where the PBG is obtained by a foreign bank, it shall be got confirmed by a Schedule Indian bank and shall be governed by Indian Laws and be subject to the jurisdiction of courts at Dimapur. The PBG shall guarantee that,
- The Vendor guarantees satisfactory operation of the Equipment & components against poor workmanship, bad quality of materials used, faulty designs and poor performance.
 - The Vendor shall, at his own cost, rectify the defects/replace the items supplied, for defects identified during the period of guarantee.
 - This guarantee shall be operative from the date of installation till 60 days after the warranty period.

11. Applicable Law:

- i. The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Dimapur / India only.
- ii. Any dispute arising out of this purchase shall be referred to the Director NIT Nagaland, 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.

REGISTRAR

CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide to deliver / establish the by the delivery schedule / completion time as mentioned in the tender document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.
3. Warranty will be given for the period mentioned in the tender document and service will be rendered to the satisfaction of NIT Nagaland during this period.

Signature of the Bidder :

Name and Designation :

Business Address :

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Place :

Date:

Seal of the Bidder's Firm

SUMMARY SHEET I – TECHNICAL BID

Sl. No	Specifications/Requirements	Vendor Specification	Compliance (Yes / No)
1	Electrospinning Unit (Detailed Specifications given in Annexure-I)		

Signature of the Bidder _____

Seal of the Bidder's Firm _____

SUMMARY SHEET II – FINANCIAL BID

Sl. No.	Item Description	No. of Units	Unit Cost (Rs.)	Total Cost (Rs.)
1	Electrospinning Unit (Detailed Specifications given in Annexure-I)	1		
Total Cost (Inclusive of all Taxes)				

Total (in Rs _____)

Signature of the Bidder _____
with Seal of the firm

ITEMS	FEATURES	QUANTITY
Spinning Arrangement	Horizontal and vertical Co-spinning “Both side horizontal” Vacuum spinning with small spinning chamber.	1
High Voltage power supply (Two unit) Specifications: Input Voltage: 210-240 VAC+/- Voltage Range: 0-40 KV, 20W Output current range: 0 to 400 microamp	Microprocessor based controller system	2
	Voltage Output continuously adjustable from 0 to maximum output	
	Overload trip-unit shut down if current exceeds 20% of the maximum output current	
Syringe Pump: Single channel Specifications: Flow rate: 0.1 ul/min to 3 ml/min Highly precised operations	Microprocessor based operation for precise flow control	4
	Infusion/withdrawal pumping system	
	Programmable	
	Volume and Time control	
Collector Specifications: Stationary collector (One side spinning) Dram collector two side spinning Disk collector Liquid collector Twisted fiber collector with thin plate arrangement	Fiber alignment	
	Linear velocity: 0.87 m/s to 22 m/s	
	Adjustable speed of rotating drum (200 to 500 RPM)	
Spinneret Specification: Multi-nozzle Single Nozzle Core-Shell nozzle	Core-shell fiber fabrication	2
	High throughput fiber fabrication	
Temperature and humidity controller	Temp: atm to 50 degree Centigrade Humidity: ambient to 80% RH	
Linear Stage Manual control Easy distance adjustment between collector during operation	X axis switch automated control Y axis Oscillation Z axis manual control (Horizontal)	1
Control panel	Power light Main emergency stop button ON/OFF button Speed controller Exhaust fan	1
Computer	System with pre-installed software	1