

**NATIONAL INSTITUTE OF TECHNOLOGY CALICUT**  
**N.I.T. Campus (P.O.), Kerala - 673601, India**  
**Tel. : 04952286101, 109, 115, 116**  
**EMAIL : purchase@nitc.ac.in**  
**QUOTATION NOTICE**  
**MAIN STORE**

Date : 02-Jan-2025

SEALED QUOTATIONS are invited for the supply of the stores given in Schedule C. **The tenderers are requested to send their quotations (as per the format given in schedule D) in sealed covers with the quotation number and last date for receipt of quotation superscribed.** Wherever indicated, samples may be furnished at the tenderer's expense unless otherwise specified. The tenderers are requested to follow the instruction given in Schedule A. This Institute cannot accept terms and conditions of payment other than the alternative given in Schedule B.

- |                                              |                                                     |
|----------------------------------------------|-----------------------------------------------------|
| 1. Quotation Ref No.                         | <b>NITC/S&amp;P/S6/511/CED(P)/EQPT/2024-25/9463</b> |
| 2. Last Date for receipt of Quotation        | <b>27. Jan. 2025</b> Upto (IST) Time <b>4:00 PM</b> |
| 3. The quoted rates should be valid upto     | <b>30</b>                                           |
| 4. Address to which quotation are to be sent |                                                     |

**Assistant Registrar  
Stores and Purchase**

**NIT Calicut  
NIT Campus (P.O.)  
673 601**

**AR (S&P)**

Approved for issue

*P. S. S. S.*  
21/1/25

To

1. ....

**SCHEDULED A - INSTRUCTIONS TO TENDERERS**

- Quotations should contain the complete specification and brand names.
- All taxes, packing and forwarding charges (if any) and any other charges should be clearly shown
- Prices quoted should be for delivering at the premises of NIT Calicut
- Period within which the items can be supplied by firm order should be clearly mentioned.
- Quotations containing conditions like "subject to prior sale" may not be considered.
- Quotations received after the due date is liable to be rejected.

**SCHEDULED B - CONDITIONS OF PAYMENT**

One of the following conditions of payment should be accepted if the quotation is to be considered.

- 100% payment after the receipt of the items in good condition.

Normally, complete payment will be made within 45 days from the date of receipt/installation of the items in good condition.

- The supplier shall furnish Performance Security Deposit and Form Contract as follows:

- (i) Execute a Form of contract as per Institute standard format on Govt. of India stamp paper worth Rs.200/-.
- (ii) In case of value of supply order above Rs.100000 with warranty for the item, furnish a performance security deposit@3% of the basic cost for the due fulfillment of the contract. This security shall be in the form of DD in favour of the Director, NIT Calicut payable at SBI, Calicut REC Branch (Code2207) OR Bank Guarantee from any nationalized bank valid for a period of sixty days beyond the contractual obligations including warranty

(c) In case the supplier fails to deposit the required security and execute the contract bond on stamped paper of GOI or Govt. of Kerala (Specimen enclosed) by the due date, contract is liable to be cancelled without prejudice to taking any further action to recover damages for any loss sustained by THE DIRECTOR as result of supplier's refusal to abide by the terms of contract

- (a) Invoice number and date
- (b) Customer name
- (c) Customer and taxpayer's GSTIN (if registered)
- (d) Place of supply
- (e) Item details i.e. description, quantity (number), unit (meter, kg etc.), total value
- (f) Taxable value and discounts
- (g) Rate and amount of GST tax rates.
- (h) Signature of the supplier.
- (i) PAN number should be indicated.

**SCHEDULED C - Technical Specification and Delivery Terms**

(See Annexure - I)

**SCHEDULED D - Format of Quotations**

(For use of the bidder. See note below)

**Format of Quotations**

Quotation Ref. No.:

Last Date :

Sl.No.	Description of Goods (Attach necessary brochures)	Specification	Qty.	Unit	GST	Other Charges (if any)	Total Cost
<b>GRAND TOTAL</b>							

1. We agree to supply the above goods in accordance with the technical specification for a total contract price of Rs. \_\_\_\_\_ (amount in figures) (Rupees \_\_\_\_\_ only) (amount in words) within the period specified in the Invitation for Quotations.
2. We also confirm that commercial warranty/guarantee of \_\_\_\_\_ months shall apply to the offered goods from the date of installation/commissioning.
3. We undertake that in competing for (and if the award is made to us in executing) the above contract of supply of goods. We will strictly observe the laws against fraud and corruption in force in the Republic of India as required by National Institute of Technology Calicut.

Signature of the Bidder

Place:

Date:

**Note:**

1. Above tabular form is applicable while bids are being invited for more than one item and will be evaluated for all the items together. Modify the format accordingly where evaluation would be

made for each item separately

2. Quotations should be submitted on the official stationery of the bidder)

**List of Enclosures: (1) Annexure 1**

(2) \_\_\_\_\_ (3) \_\_\_\_\_

**SCHEDULE C :**

Sr. No.	Detailed Description	Approx Quantity	Whether Samples are to be sent
1.	Temperature and Humidity Controller (Detailed specification attached)	1.00 NO	

### Technical Specification for temperature and humidity control system for a laboratory

The air conditioning unit for the Durability laboratory in Civil Engineering Department should demonstrate the performance criteria or better than given below.

Ambience requirement in the lab	25 ± 2°C and 65 ± 3% RH for 24x7, continuous operation
Temperature accuracy	± 1°C or less
Temperature range	Nor less than 18°C and 30°C or more
Relative Humidity (RH) range	Not less than 40 and 85% or higher
Humidity accuracy	± 3% or less
Noise level of the air conditioning unit	Less than 65 dB(A) at ~ 1 m distance in non-reverberating ambient, inside the lab Less than 75 dB(A) at ~ 1 m distance in non-reverberating ambient, outside the lab if outdoor unit is provided
Control or operating module for the system	Wireless remote control or wired panel to operate from the accessible height
Type of the operating unit	It can be an indoor or outdoor or combined
Provision for mounting the air conditioning unit	The indoor unit can be hanged below the false ceiling or above if duct is provided to vent the air to the room space. The outdoor unit can place on the slab adjacent to ventilator window.
Humidity control mechanism	Humidity control mechanism may be integrated with air conditioning system or it can be standalone system. The humidifier and dehumidifier may be integrated to have optimised functioning and automated water supply system, if required.
Build Quality	The units should be powder coated or stainless steel or any corrosion resistant components.
Laboratory dimensions (LxBxH) in metres	5 x 8 x 4 (single room)
Wall & roof details	The walls are made of stone masonry. A false ceiling is provided at 4 m height. The roof is with asbestos sheets mounted on steel frames at 4 m above the false ceiling.
Utilization of the lab	The lab will be mostly utilised to store the concrete specimens in the conditioned environment with 25°C and 65 % RH. The air conditioning unit is expected to work

	continuously 24x7 to maintain the temperature and humidity. A few electronic equipment will be used in this lab space. These equipment's will not generate heat. The lab will be occupied by 4 or less users
Design of control units	The machine can be supplied with standby system or variable speed control system or by any other method to reduce the continuous load on the devices and to avoid high power consumption.
Current ambient conditions in laboratory	A dataset of temperature and humidity measured since June 2024 using a datalogger will be shared upon request.
Power supply	220 / 440 AC Volts, 50 Hz. 1 pole or 3 pole MCB and earthing will be provided near to the installation point. Include power stabilizer if required for the operation of the machine. Proper earthing should be provided.
Warranty period	1-year full coverage for the complete system. 5 years or more for PCB and other electronic components. 10 years or more for the compressor and other mechanical devices. The warranty should cover the replacement of parts, maintenance, and service at free of cost.
Inclusions in the price quotation	The price quoted should be including all the installation and commissioning charges. The price quotation should include the cost all the spares and accessories including the electrical cables, duct, refrigerant piping, connectors, duct insulations, drain pipes, thermal insulations, acoustic insulations linings, vibration pads, ID & OD fixing stands, hanging rods, etc. No lumpsum provisions beyond the quoted price.
Support for the preparation of quotation and during the installation	The perspective suppliers can visit the lab before submitting the quotation. Further details can be provided by the point of contact given below.  Civil works, scaffolds, ladders, etc. will be provided during installation.

For more details and queries, contact  
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