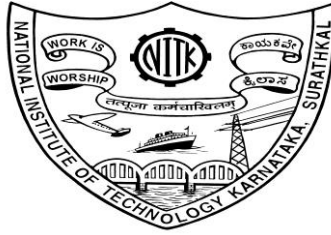


# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CHEMISTRY  
 POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)  
 Phone: (0824) 2474000. Fax: (0824) 2474033  
 E- mail: [info@nitk.ac.in](mailto:info@nitk.ac.in) Website: <http://www.nitk.ac.in>

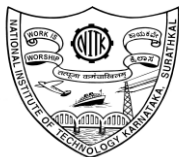


## NOTICE INVITING QUOTATION

Notification. No: 12/NITK/CHY/DC/2023-24/A22

dated: 01/04/2024

Name of Goods	Air conditioner
Estimated Amount:	₹ 1,80,000/-
Time for Supply of item after release of Purchase order	7 Days
Document Download / Sale Start Date	01/04/2024, 4.00 PM
Clarification Start Date	01/04/2024, 4.00 PM
Clarification End Date	05/04/2024, 4.00 PM
Bid Submission Start Date	01/04/2024, 4.00 PM
Last Date for submission of bids	10/04/2024 before 3.00 PM
Bid Opening Date	10/04/2024, 4.00 PM
Address for Submission of bids	Dr. Debashree Chakraborty Department of chemistry, NITK, Surathkal, Karnataka 575025. 7022504322



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Date: 01/04/2024

**NOTICE INVITING QUOTATION (NIQ)**

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

<b>Name of Goods</b>	<b>Air conditioner</b>
<b>Estimated Amount:</b>	<b>₹ 1,80,000/-</b>
<b>Time for Supply of item after release of Purchase order</b>	<b>7 Days</b>
<b>Document Download / Sale Start Date</b>	<b>01/04/2024, 4.00 PM</b>
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**Sd/-**  
**HOD**

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

**SECTION-1**  
**Terms and Conditions**

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **Liquidated Damages**: Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

**SECTION-2**  
**SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS**  
[ To be filled up by the Department / Centre of NITK, Surathkal ]

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Item(s) Name to be Procured	: Air conditioner
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached
Quantity	: 3
Any other details / requirement	: --
Warranty Period required	: 10 years or above (compressor)
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 1 week

**SECTION 3**  
**PRICE SCHEDULE**

[ To be used by the bidder for submission of the quotation]

- 
1. Item Name :
  2. Specifications  
(Conforming to Schedule of requirements  
Enclose additional sheets if necessary) :
  3. Currency and Unit Price :
  4. Quantity :
  5. Item Cost (Sl No. 3 \* Sl. No. 4 ) :
  6. Taxes and Other Charges :  
(i) Specify the type of taxes and duties  
in percentages and also in figures.  
(ii) Specify Other Charges in figures.
  7. **Warranty Period** :  
**(Conforming to the Schedule of requirements)**
  8. Delivery Schedule :  
(Conforming to the Schedule of requirements)
  9. Name and address of the Firm for  
placing purchase order :
  10. Name and address of Indian authorized  
agent ( in case of imports only) :

**Signature of the Bidder:** \_\_\_\_\_

**Name and Designation:** \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place:**

**Date:**

**Seal of the Bidder's Firm**

**SECTION 4**  
**CONTRACT FORM**

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

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

**Signature of the Bidder:** \_\_\_\_\_

**Name** : \_\_\_\_\_

**Business Address** : \_\_\_\_\_

\_\_\_\_\_

**Place :**  
**Date :**

**Seal of the Bidder's Firm**

## Specification

Nominal Capacity (Tr)	: 2Tr
Air Conditioner Type	: Inverter Split AC
Star Rating - As Per BEE	: 5 Stars or above
(Rated) Voltage / Frequency / Phase	: 230 V / 50Hz / Single or better
Cooling Capacity(Min~Max) (Watt)	: 6100 (3055~6358) or better
Cooling Capacity (Min~Max)BTU/Hr	: 20813(10424~21694 or better
Rated Cooling Capacity ( 50% Load) (Watt)	: 3050 or better
Cooling Rated Power Input (Min~Max)(Watt)	: 1555 (648~1701) or better
Cooling Power Input (50% Load) (Watt)	: 555 or better
ISEER	: 5.05 or better
Electricity Consumed In 1600 Hours. (Units/Year)	: 935.89 or better
Nominal Current (Cooling in Amps)/Running Current	: 7.1 or better
Air Flow Volume (Wet CFM) (Turbo/ High/ Medium/ Low	: 850/662/584/510 or better
Noise Level Indoor (Turbo/ High/ Medium/ Low) In dB(A)	: 51.7/47.7/42.6/38.9 or better
Moisture Removal (Litres/Hour)	:1.3 or better
Compressor type	: Inverter rotary
Compressor warranty	:10 years or above
Protection to compressor	: Acoustic jacket to compressor or better
Eco Friendly Refrigerant	: R-32 or better
Refrigerant Quantity (gms)	: 990 or above
Ambient Temp Range (Cooling)°C	:21°C to 54°C or better
Remote	:LCD remote with display
Input Power Supply	:Indoor Unit
Net Weight IDU (in Kg)	: 15 or better
Gross Weight IDU (in Kg)	: 18 or better
Net Weight ODU (in Kg)	: 40.2 or better
Gross Weigth ODU (in Kg)	: 46.4 or better
Noise Level Outdoor In dB(A)	: 57 or better
AC Machine warranty	: 1 year or above
PCB warranty	: 5 years or above
Corrosive protection	: Anti-corrosive blue fins for protection or better
Condenser	: 100% copper
Power Supply to ODU Source(Core/Gauge) sqmm	: 4C * 2.5sqmm or better
Power Supply to IDU Source(Core/Gauge) sqmm	: 3C * 2.5sqmm or better
Cable from ODU to IDU(Communication Cable -copper)	: 3.5 meter + 3 meter(extra)
Suction Tube Size Outer Diameter Inch ( mm)	: 5/8" (15.88mm) or better
Liquid Tube Size Outer Diameter Inch ( mm)	: 1/4" (6.35mm) or better
Max Piping Capability Total (metre)	: 15 or better
Max Piping Capability Vertical (metre)	: 10 or better
Refrigerant Additional Charge Beyond 5M (g/m)	: 15 or better

### Installation fee : inclusive

**Bracket : one per AC (price should be included with the AC cost)**