NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CHEMICAL ENGINEERING POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

Phone: (0824) 2474000. **E- mail: info@nitk.ac.in** Fax: (0824) 2474033 Website: http://www.nitk.ac.in





Notification. No: NITK/CH/DPD/AC /2023-24/1113

dated: 11-12-2023

Name of Goods	2-ton split AC
Estimated Amount:	Rs. 54,000/-
Time for Supply of item after release of Purchase order	15 Days
Document Download / Sale Start Date	12-12-2023, 5.00 PM
Clarification Start Date	Not applicable
Clarification End Date	Not Applicable
Bid Submission Start Date	12-12-2023, 5.00 PM
Last Date for submission of bids	22-12-2023 before 3.00 PM
Bid Opening Date	26-12-2023, 3.00 PM
Address for Submission of bids	Dr. B.Ashraf Ali Associate Professor Department of Chemical Engineering NITK Surathkal POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)



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Sd/-

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.

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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/Warrantee 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. <u>Liquidated Damages</u>: 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.

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

Item(s) Name to be Procured	:2-ton split AC
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached
Quantity	: 1
Any other details / requirement	:
Warranty Period required	: As given in Specifications
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 2 Weeks

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 (SI No. 3 * SI. 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)	:
Signa	ture of the Bidder:	
Name	and Designation:	
Busin	ess Address :	
Place	:	Seal of the Bid

Seal of the Bidder's Firm

Date:

<u>SECTION 4</u> CONTRACT FORM [To be provided by the bidder in the business letter head]

- 1. <u>(Name of the Supplier's Firm)</u> 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 Bidd	er:		
Name	:		
Business Address	:		
Place : Date :		Seal of the Bi	dder's Firm

Specifications of 2 ton split AC with stabilizer

Description			Specifications
Tonnage Class (T)			2.0
Cooling capacity standard		ard	
(min - max) W			6300 [2835- 6930]
ISEER			3.95
Annual power c	onsum	otion (KWh)	1234.16
Star rating (*)			3
Electrical data	Voltag	ge (V-AC)	230
	Phase	(φ)	Single
	Runni	ng current (A)	9.6
	Power	input, Standard	2090 [648- 2822]
cooling [min-max] W			
Moisture remov	Moisture removal rate l/h		2.3
Dust filter			Yes
Air circulation (Indoor/Hi) (m ³ /min)		Hi) (m ³ /min)	18.5
Noise level (Indoor/H/L) (dB-A)		L) (dB-A)	47/40
(Outdoor) (dB-A)		(dB-A)	56
Net weight	IDU(DDU) (Kg)	12(29.5)
Gross weight	IDU(ODU) (Kg)	14(34.5)
Refrigerant			R-32
Operating temperature range (⁰ C)		range (⁰ C)	16-52
Operating Volt range (V)		(V)	145-285
Refrigerant pipe diameter Liquid side (cm)		ter Liquid side (cm)	φ0.635
Gas side (cm)		Gas side (cm)	φ1.270
Power supply source			INDOOR
Warranty		ON PCB	5 Years
		Outdoor Casing	5 Years
		Compressor	10 Years

Specifications for stabilizer

Input voltage	230 V, Single phase AC, 50 Hz
Output voltage	Stabilized
Application	One air conditioner upto 2 TON
Voltage cut-off	High and low voltage cut-off
Certification	ISO certified
Warranty	3 years