



अधीक्षण अभियंता का कार्यालय
OFFICE OF THE SUPERINTENDING ENGINEER
कार्य स्थापना अनुभाग, WORKS ESTABLISHMENT SECTION
राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरतकल
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

पोस्ट श्रीनिवासनगर, मंगलूरु - 575025, कर्नाटक, भारत. / Post Srinivasnagar, Mangaluru - 575025, Karnataka, INDIA.
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No: 157/QN-15/2024-25/DM



Date: 13.09.2024

NOTICE INVITING QUOTATIONS

The National Institute of Technology Karnataka, Surathkal (in short - NITK, Surathkal or Institute) is an autonomous Institute of the Govt. of India [under the Ministry of Education - MoE] imparting technical and science education. The Institute intends to **"Supplying, Installation and Testing of 05No's of 2TR Air Conditioner (Inverter) to Dean (R&C) chamber at 1st floor of Main Administrative building, at NITK"**. The details of work is listed in the sheet enclosed. In this connection, sealed quotations are invited by the undersigned subject to the terms and conditions enumerated here under from the manufacturers/ authorized dealers/ agencies so as to reach this office on or before **23-09-2024 at 03:30PM**. The quotations shall be opened possibly on the same day.

Terms and Conditions:

1. The intending bidder shall quote his rates in the 'Quotation Format' enclosed here with either in his letter head or using the same format. He shall sign each page with seal of the firm. Envelop super scripted as Quotation for **"Supplying, Installation and Testing of 05No's of 2TR Air Conditioner (Inverter) to Dean (R&C) chamber at 1st floor of Main Administrative building, at NITK"** due on **23-09-2024 at 03:30PM** and addressed to as "The Superintending Engineer, NITK, Surathkal, Post Srinivasnagar, Mangaluru - 575025" be sent so as to reach this office on or before the due date mentioned.
2. The GST registration number and the PAN number of the bidder shall be mentioned in the quotation. Quotation without this information will not be accepted.
3. Quotation may be dropped in the Tender Box kept in the office or may be sent by post/ courier. It is the responsibility of the bidder to make sure that the quotation is delivered in time. The quotations received after the due date will not be entertained
4. No advance payment will be made. The payment shall be made only after successful completion of work. No interest will be paid for delayed payments if any.
5. The rate quoted should be firm. No claim for enhancement of rate is admissible after opening of the Quotations.
6. Terms and conditions stipulated in this Notice inviting conditions are binding on the bidder.
7. The undersigned reserve the right of rejecting all the quotations without assigning any reasons thereof.


Superintending Engineer
NITK, Surathkal
Work Establishment Section
National Institute of Technology Karnataka
Surathkal, P.O. Srinivasnagar-575025


Name and Address of the Bidder:

Contact No:

GST registration number:-

PAN number:-

No:

Date:

QUOTATION

To

The Superintending Engineer,
Office of the Superintending Engineer,
N.I.T.K, Surathkal.

Sl. No	Description of the items	Quantity	Rate in Rs. per each (without Tax)	GST	Amount in Rs. (with Tax)
1.	Supplying, Installation, testing and commissioning of 2TR split air conditioner (Inverter type) rated with 5 stars with 100% copper dual rotary compressor and air-cooled copper condenser, relay and overload protector internal unit with one indoor and one outdoor unit. The unit should comprise standard length (min 10 meter) suitable size copper tubing covered with insulation tube, suitable capacity of 3core PVC Cable and a battery operated wireless remote unit and fixing of approximate 4meter length drain pipe for water outlet and core drilling/cutting should be done wherever necessary. Power supply: 220-240volt,1 phase,50Hz AC supply Warranty: Min 5 year for AC unit and 10years warranty for compressor Make: Bluestar / Daikin / Carrier / Mitsubishi	05 No's			
2.	Supplying and installation of MS stand suitable for mounting outdoor unit of 2TR split air conditioner	05 Set			
3.	Supply and installation of 5KVA 1 phase voltage stabilizer Make: V-Guard / Microteck / Camipro	05 No's			
Total Amount					

Seal & Signature of the Bidder

Detailed Product Specification for 2 TR Air conditioner (Inverter Type)

Specification		
Performance parameter	Nominal Capacity (Tr) as per BEE	2TR
	Star Rating - As Per BEE	5 Star
	(Rated) Voltage / Frequency / Phase	230 V / 50Hz / Single
	Cooling Capacity(Min ~Max) (Watt)	6950 (2792.8 ~ 7019)
	Cooling Capacity (BTU/Hr)	23713
	Rated Cooling Capacity (50% Load) (Watt)	3475
	Performance Parameters Cooling Rated Power Input (Min~ Max) (Watt)	2620 (1205.7~370.9)
	Cooling Capacity (BTU/Hr) Min-Max	9530~23950
	Cooling Power Input (50% Load) (Watt)	847
	ISEER	3.6
	Electricity Consumed In 1600 Hours. (Units/Year)	1482.37
	Nominal Current (Cooling In Amps)	13.44
	Air Flow Volume (Wet CFM) (High / Medium / Low)	611/531/421
Compressor, Refrigerant & Ambient Operations	Noise Level Indoor (High/ Medium/ Low) In dB(A)	45.1/41/36.8
	Moisture Removal (Litres/Hour)	2.5
	Compressor Type	Dual Rotary
	Compressor Warranty	10 Years
	Eco Friendly Refrigerant	R32
	Ambient Temp (Cooling)°C	52°c
User Interface - Remote	Remote	Large LCD display with Back Lit
	Night Glow Function On Remote Buttons	YES (temp +/- button)
Product Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	1110 x 335 x 215
	Input Power Supply	Indoor Unit
	Net Weight IDU	15 Kg
	ODU Dimension (W X H X D) mm	968 x 652.5 x 367
	Net Weight ODU	38.3 Kg
	Noise Level Outdoor In dB(A)	60
Tube Size & Piping Capability	Suction Tube Size Outer Diameter Inch (mm)	5/8" (15.87 mm)
	Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6.35 mm)