

## **RETENDER NOTICE**

### **Supply and Installation of Latest Model 1.5 Ton BEE 5-Star rating Energy Efficient Split type Inverter Air-Conditioner (Copper Condenser) with Stand & Stabilizer.**

Sealed and Competitive Quotations are invited from reputed and original equipment manufacturers/authorized dealers/firms and distributors for the Supply and Installation of **01 No. (One)** split type Inverter Air-Conditioner to be installed at the Office of the Joint Director, Translational Research and Innovation Centre, University of Kerala, Kariavattom campus, TVPM-695581.

The quotation should be submitted through **registered post** in a sealed envelope superscribed as **“Supply and Installation of Latest Model 1.5 Ton BEE 5-Star rating Energy Efficient Split type Inverter Air-Conditioner (Copper Condenser) with Stand & Stabilizer.”** addressed to the Joint Director, Translational Research and Innovation Centre, University of Kerala, Kariavattom campus-695581. The sealed envelope should have contact details such as Name, Address, Telephone/Mobile No. and e-mail indicated on the bottom left side of the cover. The quotation shall reach this office **on or before 30<sup>th</sup> July 2024 by 04.00 pm**

#### **General Terms and Conditions:**

1. Quotation received after due date and time shall not be considered.
2. The rates quoted should be inclusive of all **taxes (rates or duties), packing, installation and all other incidental charges.**
3. The Bidders/ representatives of the bidders on their willingness may visit the office to make themselves familiar to the site and work to be carried out before submitting their quotations.
4. The Bidders should conduct in their own due diligence, investigation and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessment, statement and information contained in this tender and obtain independent advice from appropriate sources.
5. The Bidders are required to complete and submit **“Annexures –A & B” along with the duly filled in tender form.**
6. **Delivery and Installation (Work Completion):**
  - (a) Approved brands such as **LG/Samsung/Voltas/Bluestar/Panasonic/Carrier** with minimum **02 year** comprehensive warranty on machine and **10 years** warranty on compressor.
  - (b) The Bidder should ensure that above mentioned brand’s latest model **1.5 Ton BEE 5-Star rating Split type Inverter Air-Conditioner with copper condenser, stabilizer and stand** are delivered and installed **within 15 days** from the date of receipt of Work Order.
7. **Validity:** The rates given in the tender should be kept open for acceptance up to **60 days** from the due date.
8. **Payment:** payment will be made by cheque/bank transfer after satisfactory completion of delivery and installation of the air-conditioner.
9. **Each page of this tender document is to be duly signed by the bidder as token of unconditional acceptance of terms and conditions.**
10. **The date of opening the tender is 31/07/2024, 11 a.m**

**Translational Research and Innovation Centre (TRIC-KU) University of Kerala**

**Supply and Installation of Latest Model 1.5 Ton BEE 5-Star rating  
Split type Inverter Air-Conditioner with Copper Condenser, stabilizer  
& stand**

**“Annexure – A”**

Name of the Firm	
Address with Mobile No. and e-mail ID	
PAN No.(Attach copy of PAN card) mandatory	
GST Registration Details	
Bank A/c details with IFSc code and Address of your firm /company	A/c No:  IFSc code:  MICR Code:

**“Annexure-B”**

<b>TECHNICAL SPECIFICATIONS</b>	<b>REQUIREMENT</b>
BEE STAR RATING	LATEST 5 STAR
ISEER	MINIMUM 5
TONNAGE	1.5 TON (1 Ton =12000 Btu/Hr +/- 10%)
TECHNOLOGY	INVERTER
CONDENSOR COIL	COPPER TUBES WITH ALUMINIUM FINS WITH ANTICORROSIVE COATING
EVAPORATOR COIL	COPPER TUBES WITH ALUMINIUM FINS WITH ANTICORROSIVE COATING
MACHINE TYPE	HI WALL SPLIT
REFRIGERANT TYPE	R32/Equivalent or CFC Free
POWER SUPPLY	230V/50hz/Single Phase
OPERATING VOLTAGE RANGE	110 V - 285 V AC
POWER CABLE	4 Core - 3 meter
REFRIGERANT PIPE	COPPER PIPE AND THERMAL INSULATION UP TO 3.5 MWTH WITH REQUIRED NITRILE RUBBER INSULATION, WITH UV PROOFING
SUCTION TUBE SIZE OUTER DIAMETER INCH (MM)	1/2" (12.7mm)
LIQUID TUBE SIZE OUTER DIAMETER INCH (MM)	1/4" (6.35mm)
MAX PIPING CAPABILITY TOTAL (METRE)	15
MAX PIPING CAPABILITY VERTICAL (METRE)	10
HEAVY DUTY DRAIN HOSE	03 M
REMOTE	CORDLESS LCD REMOTE WITH AAA BATTERY
WARRANTY FOR EQUIPMENT	03 Years
WARRANTY FOR PCB	ONE YEAR REPLACEMENT FOUR YEAR REPAIR
WARRANTY FOR COMPRESSOR	10 YEAR
DISPLAY PANEL POSITION	CENTRAL
TYPE	WALL MOUNTED
INPUT VOLTAGE RANGE	SINGLE PHASE SINE WAVE (160V-260V)
OVERALL EFFICIENCY OF ALVC (Minimum in % Age)	95
TEMPERATURE CLASS OF INSULATION	B
CURRENT RATING OF THE RELAY CONTRACTORS (AMP)	AS PER Cl.6.4 OF IS:8448 (LATEST)
ADDITIONAL FEATURES	HIGH POWER EFFICIENCY, INTELLIGENT TIME DELAY SYSTEM, LOW & HIGH VOLTAGE CUT -OFF PROTECTION, BUILT-IN THERMAL OVERLOAD PROTECTION, LED INDICATIONS ETC.
STABILIZER WARRANTY	03 YEARS
STABILIZER MAKE	V-GUARD/VOLTAS/GODREJ/HYKON/MICROTEK/PHILIPS
THREE PIN PLUG TOP	RoHS COMPLIANT, 16 A 3PIN PLUG TOP

29/06/2024  
Kariavattom

Sd/-  
The Joint Director  
Translational Research and Innovation Centre (TRIC-KU)  
University of Kerala, Kariavattom Campus  
Thiruvananthapuram-695581

**FORM OF TENDER**

From

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To

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Sir,

I/We hereby tender to supply, under the annexed general conditions of contract, the whole of the articles referred to and described in the attached specification and schedule, or any portion thereof, as may be decided by the University of Kerala, Thiruvananthapuram at the rates quoted against each item. The articles will be delivered within the time and at the place specified in the schedule.

Yours faithfully (Signature)

.....

(Address).....

Date: .....

Important: This tender form may be printed on A4 size paper. Editing of the pre- printed text in the tender form in any way other than as indicated (like ticking, filling in with ink/typing, scoring off inapplicable material etc.) will render the tender form invalid and liable for rejection.