

Zool/AC/Tender/2021

27.12.2021

TENDER NOTICE

Competitive sealed tenders are invited from reputed firms for the supply of two air conditioners for installation in Seminar Hall of Department of Zoology, University of Kerala, Kariavattom, Thiruvananthapuram. The air conditioners should comply with the directions of the technical committee that the air conditioners should be energy efficient, BEE 5 Star equipments operating on R32/R410A refrigerants with copper condenser and evaporator coils, PCB 2 year replacement guarantee, 5 year warranty and 10 year exclusive warranty for compressor.

Sealed tenders as per the detailed specification in the annexure appended shall reach the office of the undersigned not later than **03.00 pm on 20.01.2022**. Tenders will be opened at next working day (21.01.2022) in presence of the suppliers or their authorized agents.




Professor and Head
PROFESSOR AND HEAD
DEPARTMENT OF ZOOLOGY
UNIVERSITY OF KERALA
KARIAVATTOM P.O.
THIRUVANANTHAPURAM

ANNEXURE

Sl No	Specification	Qty	Rate	Amount
	<p>Supply, installation, testing and commissioning of 1-Ton (1 TR = 3616W/12000BTU/h), 5-star rated, ISEER >5, Dual inverter type, wall mounting, high energy efficient, split air conditioner unit (IDU), fitted with hermetically sealed rotary compressor (ODU) suitable for eco-friendly and energy efficient refrigerant R-32A conforming to IS: 1391 Part-2 1992 (with latest amendments except power consumption norms) suitable for operation on 230 V, 50 Hz AC supply and capable of performing functions such as cooling, dehumidifying, air circulating, filtering etc and having features of long distance piping flexibility, wide angle air flow, IDU noise level < 43 dB (A) and ODU noise level < 56 dB (A) as per norms. The condensing and evaporating coils should be made copper with portative blue coating.</p> <p>The ODU & IDU should be interconnected by soft drawn bright annealed 100% copper tubes of suitable sizes and a standard length of upto 3 metres should be supplied with the AC unit and the copper pipes should be properly insulated with 10 mm thick closed cell Class 'O' elastomeric nitrile rubberised foam sleeve insulation, insulated drain pipe of 1.5 meters shall be supplied along as standard supply.</p> <p>A standard length of upto 3 metres of suitable size ISI marked multi-core PVC insulated FRLS round flexible copper control cable for electrically connecting IDU and ODU of AC unit.</p> <p>Microprocessor based wireless remote controller with required number of suitable batteries should be supplied along with the AC unit.</p> <p>AC Modes Turbo Mode, Power Saving Mode, Self Diagnosis Mode, Dry Mode, Anti Bacteria Filter, Sleep, Auto Restart, Auto Air Swing Remote Control Features Timer, Child Lock, Night Glow Buttons</p> <p>Total 3 numbers of comprehensive free services should be provided for the AC unit (IDU & ODU) for the first one year, applicable from the date of commissioning.</p> <p>One year warranty should be provided for the entire AC unit (IDU & ODU), two year replacement guarantee for PCB and five warranty. Ten years exclusive warranty for the compressor.</p> <p>Make- Series: Carrier- EMBERIA NXI /Daikin-FTFKR60TV/Panasonic- CS/CU-QU26WKY/Blue Star - EBTU/Mitsubishi- MSY-GN/Hitachi -KIXORA</p> <p>Supply, installation, testing and commissioning of wall mounting type 4 KVA voltage stabilizer. Conforming to IS:8448 latest standards with input voltage single Phase Sine wave (120V-280v) and Output Single Phase sine wave (210V-250V) Overall efficiency of ALVC (%) > / = 95% having Copper Windings, features of high power efficiency, intelligent time delay system, Low & High voltage cut-off protection, built-in thermal overload protection, LED indications etc suitable for single phase 2-Ton air conditioner unit with three years warranty and three months replacement guarantee. (Make: V-Guard VDL, Microtek – Smart, Crompton)</p> <p>Supply and fixing good quality of factory made powder coated MS frames (condensor stand) with all required accessories including suitable size anchor bolts, anti vibration pads etc for mounting the out door unit of AC in position as required.</p>			

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