

UNIVERSITY OF CALICUT
(Purchase Division)

54276/Purchase/- Asst -B2/2013 CU

Dated 31/07/2017

TENDER NOTICE

Tender No.	54276/Purchase/- Asst -B2/2013 CU Dated 31/07/2017
Name of equipment	Various Types of Air Conditioners and Voltage Stabilizers
Last date & time of the receipt of the Tender	21.08.2017
Date & Time of opening the Tender	22.08.2017
Designation and Address of the officer to whom the Quotations are to be sent.	The Deputy Registrar, Purchase Division, University of Calicut. PIN.673 635. Phone.0494- 2407130

Sealed superscribed tenders in two cover mode (Price bid must be given in separate sealed cover) are invited for the supply of various types of Air Conditioners on rate contract basis for a period for one year to University of Calicut. For details log on www.universityofcalicut.info. The Tender form can be had from the Purchase Division or can be downloaded from the University website. Sealed tenders with cost of tender form (0.2% of the cost of tender rounded to the nearest multiple of 100 subject to a minimum of Rs.400/- and a maximum of Rs.1,500/- + GST @5%) and EMD (1% of the quoted rate subject to a minimum of Rs.1,500/-) drawn in favor of the Finance Officer should be submitted along with the documents. The tenders received late will be rejected summarily. The firms which had been blacklisted already are ineligible to apply. The price quoted should be inclusive of all charges including taxes, levies, transportation and installation charges. The equipment shall be delivered within ten days after receiving the supply order. The price cover shall be kept separately with the tender documents.

A Performance Security equivalent to 5% of the total value of the contract rounded to the nearest rupee should be submitted by the successful bidder for a contract value above Rs.1,00,000/-. The EMD and Performance Security are returnable.

Terms & Conditions

- 1) The bidder should clearly mention the make and model of the items quoted.
- 2) The bidder must attach the technical data sheet of the items being quoted in the tender.
- 3) The bidder should have local presence with service centre in Kerala.
- 5) A comprehensive On-site warranty of minimum 2 year should be provided for the product.

SPECIFICATIONS FOR VARIOUS AIR CONDITIONERS & STABILIZERS

Note: The rates should be inclusive of the taxes, required stands and the installation charges.

Technical Specifications

PARAMETER	UNIT			
TONNAGE CATEGORY	TR	1.0	1.5	2.0
NOMINAL COOLING / HEATING POWER INPUT	Watts	943	1370	1714
BEE STAR RATING		5 Star	5 Star	5 Star
CONDENSER		Copper	Copper	Copper
RATED POWER SUPPLY	V-Ph-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
AIR FLOW RATE	CFM	350	500	675
INDOOR NOISE LEVEL (H/M/L)	db	40/36/30	44/40/33	47/44/41

FAN MOTOR (INDOOR)	No. of Speeds	3	3	3
FAN MOTOR (OUTDOOR)	No. of Speeds	1	1	1
ELECTROSTATIC DUST FILTER		Yes	Yes	Yes
ELECTROSTATIC CARBON FILTER		Yes	Yes	Yes
PM 2.5 MICRON FILTER		Yes	Yes	Yes
AIR DIRECTION CONTROL		Yes	Yes	Yes
SECURITY LOCK		Yes	Yes	Yes
CONTROL TYPE		LCD Remote	LCD Remote	LCD Remote
AUTO OFF TIMER		Yes	Yes	Yes
AUTO ON TIMER		Yes	Yes	Yes
ECONOMIC SLEEP MODE		Yes	Yes	Yes
REFRIGERANT LEAKAGE DETECTOR		Yes	Yes	Yes
DRY MODE		Yes	Yes	Yes
AUTO FAN SPEED		Yes	Yes	Yes
AUTO SWING		Yes	Yes	Yes
AUTO MODE		Yes	Yes	Yes
AUTO RESTART		Yes	Yes	Yes
TURBO MODE		Yes	Yes	Yes
LED DISPLAY		Yes	Yes	Yes
REFRIGERANT		R22	R22	R22
PIPING LENGTH (Copper)		5 Metre	5 Metre	5 Metre
WARRANTY (On- Site)		2 Years	2 Years	2 Years

B) Split Air Conditioners - Inverter Type (1 Ton, 1.5 Ton, 2 Ton)

Technical Specifications

PARAMETER	UNIT			
TONNAGE CATEGORY	TR	1.0 (min.)	1.5 (min.)	2.0 (min.)
NOMINAL COOLING / HEATING POWER INPUT (min- max)	Watts	210 to 1380	600 to 2020	750 to 2220
CONDENSER		Copper	Copper	Copper
RATED POWER SUPPLY	V-Ph-Hz	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
AIR FLOW RATE	CFM	350	700	725
INDOOR NOISE LEVEL (H/M/L)	db	39/34/31	48/45/40	47/44/39
FAN MOTOR (INDOOR)	No. of Speeds	4	4	4
FAN MOTOR (OUTDOOR)	No. of Speeds	1	1	1
ELECTROSTATIC DUST FILTER		Yes	Yes	Yes
HYPER PROTECTIVE FILTER		Yes	Yes	Yes
PM 2.5 MICRON FILTER		Yes	Yes	Yes
AIR DIRECTION CONTROL		Yes	Yes	Yes
SECURITY LOCK		Yes	Yes	Yes
CONTROL TYPE		LCD Remote	LCD Remote	LCD Remote
AUTO OFF TIMER		Yes	Yes	Yes
AUTO ON TIMER		Yes	Yes	Yes
ECONOMIC SLEEP MODE		Yes	Yes	Yes
REFRIGERANT LEAKAGE DETECTOR		Yes	Yes	Yes

DRY MODE	Yes	Yes	Yes
AUTO FAN SPEED	Yes	Yes	Yes
AUTO SWING	Yes	Yes	Yes
AUTO CLEANSER	Yes	Yes	Yes
AUTO MODE	Yes	Yes	Yes
AUTO RESTART	Yes	Yes	Yes
TURBO MODE	Yes	Yes	Yes
LED DISPLAY	Yes	Yes	Yes
IONIZER	Yes	Yes	Yes
REFRIGERANT	R410a	R410a	R410a
PIPING LENGTH (Copper)	5 Metre	5 Metre	5 Metre
WARRANTY (On- Site)	2 Years	2 Years	2 Years

C) Vertical Split Air Conditioners

Technical Specifications

PARAMETER	UNIT	3 Ton	4 Ton
NOMINAL COOLING CAPACITY	Watts	10551	14068
COMPRESSOR	Type	Scroll	Scroll
CONDENSER		Copper	Copper
RATED POWER SUPPLY	Volts/Ph/Hz	380~415/3/50	380~415/3/50
INDOOR AIR FLOW	CMH	1750/1450	1750/1450
INDOOR NOISE LEVEL	dB	56/51	56/51
AUTO ON TIMER		Yes	Yes
AUTO OFF TIMER		Yes	Yes
DRY MODE		Yes	Yes
AUTO FAN SPEED		Yes	Yes
AUTO SWING		Yes	Yes
AUTO RESTART		Yes	Yes
REFRIGERANT	Type	R-22	R-22
CONTROLLER		REMOTE	REMOTE
INTER UNIT PIPING LENGTH		30 Meter	30 Meter
WARRANTY (On- Site)		2 Years	2 Years

D) Stabilizer

1) **4 KVA voltage stabilizer:-** I/P Volt: 180v- 250V, O/P Volt: 230V, Time delay: 3 mins, Intelligent Time Delay System, Low & High Voltage Cut-off Protection , Latest IC Technology, Built In Thermal Overload Protection, Wall Mounting Cabinet Design, On site warranty: 2 Years

2) **5 KVA voltage stabilizer:-** I/P Volt: 180v- 250V, O/P Volt: 230V, Time delay: 3 mins, Intelligent Time Delay System, Low & High Voltage Cut-off Protection , Latest IC Technology, Built In Thermal Overload Protection, Wall Mounting Cabinet Design, On site warranty: 2 Years


Deputy Registrar
Purchase Division