

UNIVERSITY OF CALICUT

No.54276/Purchase/Asst B2/2013/Admn

dated 02.06.2017

TENDER NOTICE

| | |
|---|--|
| Tender No | No.54276/Purchase/Asst B2/2013/Admn dated 01.06.2017 |
| Name of equipment | Various Types of Air Conditioners and Voltage Stabilizers |
| Last date & time of the receipt of the Tender | 17.06.2017 05.00 PM |
| Date & Time of opening the Tender | 19.06.2017 11.AM |
| 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/- + VAT @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.

SPECIFICATIONS FOR VARIOUS AIR CONDITIONERS & STABILIZERS

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

A) Split Air Conditioners - 5 Star rated (1 Ton, 1.5 Ton, 2 Ton)**Technical Specifications**

| <u>PARAMETER</u> | <u>UNIT</u> | | | |
|--|--------------------|---------------------|---------------------|---------------------|
| 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

| <u>PARAMETER</u> | <u>UNIT</u> | | | |
|---|------------------|-------------------|-------------------|-------------------|
| 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

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.



DEPUTY REGISTRAR
Purchase Division