

## UNIVERSITY OF KERALA

## ENGINEERING UNIT

## Tender Schedule for AirConditioning Works for Setting up of Kerala University Innovation and Incubation Centre (KUBIIC) at Kariavattom Campus.

| Sl. No | Item Description   | Qty | Unit | Rate / Unit | Rate in Words | Amount |
|--------|--|-----|------|-------------|---------------|--------|
| 1      | od354683/2020_2021<br>Supply and providing 25 mm PVC pipe on wall as drain pipe for AC unit with all required accessories including cutting and making good the walls, colour washing etc as required.   | 20  | m    |             |               |        |
| 2      | od354684/2020_2021<br>Supply, installation, testing and commissioning of wall mounting type 5 kVA voltage stabilizer with input voltage range of 170 V - 270 V and having 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, V-Stab, Pioneer, Crompton or Microtek) | 3   | E    |             |               |        |
| 3      | od354686/2020_2021<br>Supply and fixing good quality of factory made powder coated MS frames rust resistant (condensor stand) with allrequired accessories including suitable size anchor bolts, anti vibration pads etc for mounting the out door unit of AC in position as required.   | 3   | set  |             |               |        |
| 4      | 90.10.3.23<br>Supply and Fixing the following modular switches & accessories in the existing front plates and givingnecessary connections as required (RoHS compliant )16A 3 pin plug top  | 3   | E    |             |               |        |

|              |  |   |   |  |  |  |
|--------------|--|---|---|--|--|--|
| 5            | <p>od354688/2020_2021</p> <p>Supply, installation, testing and commissioning of 2-Ton, 5-star rated, inverter type, wall mounting, highenergy 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 (withlatest amendments except power consumption norms) suitable for operation on 230 V, 50 Hz AC supplyand capable of performing functions such as cooling, dehumidifying, air circulating, filtering etc andhaving features of long distance piping flexibility, wide angle air flow, IDU noise level &lt; 43 dB (A) andODU noise level &lt; 56 dB (A) as per norms. The condensing and evaporating coils should be made of softdrawn bright annealed 100% copper tubes of suitable sizes and a standard length of upto 3 metresshould be supplied with the AC unit and the copper pipes should be properly insulated with 10 mm thickclosed cell Class 'O' elastomeric nitrile rubberised foam sleeve insulation. A standard length of upto 3metres of suitable size ISI marked multi-core PVC insulated FRLS round flexible copper control cable for electrically connecting IDU and ODU of AC unit and microprocessor based wireless remote controllerwith required number of suitable batteries should be supplied along with the AC unit. Total 3 numbers of comprehensive free services should be provided for the AC unit (IDU &amp; ODU) for the first one year, applicable from the date of commissioning. One year warranty should be provided for the entire AC unit (IDU &amp; ODU) and nine years exclusive warranty for the compressor. Make: Carrier, Panasonic, Blue Staror Daikin,Hitachi,OGeneral</p> | 3 | E |  |  |  |
| <b>TOTAL</b> |  |   |   |  |  |  |

**PAC Rs.2,17,914.00 (Rupees Two Lakh Seventeen Thousand Nine Hundred and Fourteen Only)**

I/We agreed to execute the work at quoted rates

**CONTRACTOR**

sd/-  
**UNIVERSITY ENGINEER**