

Centre for Data science and Information processing
Department of Computer Science
University of Kerala

No. CS/CDSIP/Tender/5/2020-21

20-07-2021

Quotation Notice

Competitive Quotations are invited from interested vendors inside Kerala for Supply, installation, testing and commissioning of split air conditioner units at Centre for Data Science and Information Processing. The items should be delivered and commissioned at Centre for Data Science and information Processing, Department of Computer Science, Kariavattom Campus. The detailed specifications of the items are given below.

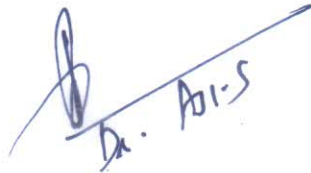
Sl. No	Item Description	Qty	Unit
1	Supply, installation, testing and commissioning of 1.5-Ton, 5-star rated (ISEER>4.5) inverter type, wall mounting, high energy efficient, split air conditioner unit (IDU), fitted with hermetically sealed rotary compressor (ODU) suitable for eco-friendly and energy efficient refrigerant R-32/R290 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 required. The condensing and evaporating coils should be made of soft drawn bright annealed copper tubes of suitable sizes (100% copper) 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 '0' elastomeric nitrile rubberised foam sleeve insulation. A standard length of upto 3 metres of suitable size ISI marked round flexible copper control cable for electrically connecting IDU and ODU of AC unit should be supplied with the AC unit along with microprocessor based wireless remote controller with required number of suitable batteries as required. Total 4 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. One year replacement warranty should be provided for the entire AC unit, If there is any manufacturing defect persists (IDU & ODU) ,along with one year exclusive warranty for the PCB and nine years exclusive warranty for the compressor. Make- Panasonic, Voltas, Carrier, Mitsubishi, Blue Star, Daikin Hitachi, General etc. 1.5-Ton, inverter type, split air conditioner unit. (5-star rated)	2	nos
2	Supply and providing extra length of suitable size ISI marked flexible copper control cable for the electrically connecting IDU and ODU of AC unit and also extra length of soft drawn bright annealed copper refrigerant pipes of suitable sizes for extending the refrigerant piping between ODU and IDU of AC unit including properly insulating the pipes with 10 mm thick closed cell Class O elastomeric nitrile rubberised foam sleeve insulation, brazing, leak testing etc as required.(Only for additional length, other than normally provided)	6	
3	Supply and fixing good quality powder coated MS frames (wall mounting brackets) using required numbers of suitable size anchor bolts for mounting the out door unit of AC in position as required.(Only if necessary)	2	sets

4	Supply, installation, testing and commissioning of wall mounting type 4 KVA voltage stabilizer with input voltage range of 170 V - 270 V 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 1.5-Ton air conditioner unit. Warranty- Five years. (Make: V-Gaurd, Crompton or Microtek)	2	nos
5	Supply and drawing the following sizes of multi-core PVC insulated and PVC sheathed 650/1100 V grade copper conductor round flexible cables conforming to IS: 694 Part-1 1960 in the existing surface / recess conduit as required including giving necessary connections of the following sizes(For extra length only). (Make: RR Kabel, Polycab, Finolex or Havells) 3 core 4.00 sq. mm	5	mtrs
6	Supply and fixing 25A 3 pin plug top with indicator (RoHS compliant) in the existing front plates and giving necessary connections as required. (Make: Legrand-Myrius, ABB-Classic plus, MK-Blenz or Siemens-Wega)	2	nos

Conditions

1. The rate quoting shall be made after visiting the site and verifying the actual requirements.
2. The rate quoted should be inclusive of tax, transportation charges and any other charges.
3. Complaints with the items supplied should be replaced to the satisfaction of the University by the suppliers at their own cost.
4. The undersigned reserves the right to reject / accept any quotation without assigning any reason.
5. Payment will be made only after the supply of the items at our own site and to those items which are done as per the specifications.

The sealed quotations should be addressed to the undersigned super scribing as Quotations for the supply of Printer and Hard disk for Centre for Data Science and Information Processing. The last date of receipt of quotations is at 4.00PM on 10 August 2021. The quotations can also be submitted though email at aji@keralauniversity.ac.in with all supporting documents. For any queries, contact 9895474042.



The Director
Centre for Data science and Information processing



Head of the Department



HEAD OF THE DEPARTMENT
Department of Computer Science
University of Kerala, Kariavattom
Thiruvananthapuram - 695 581