

DFS/QTN/20191028-01**QUOTATION NOTICE**

Sealed quotations are invited at competitive prices from interested agencies for the supply and installation of following items for the use in the Department of Futures Studies, University of Kerala, Kariavattom, Thiruvananthapuram-695581.

Sl.No	Item Description	Qty	Unit
1	Supply, installation, testing and commissioning of following capacity wall mounting high energy efficient, single phase, inverter type, split air conditioner unit (IDU) having 5-star rating, fitted with hermetically sealed compressor (ODU) suitable for refrigerant R-410A / R-32, 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 as required. The AC unit should have 100% copper condensing coils and a standard length of 3 metres of copper refrigerant pipes of suitable sizes for the function of suction and discharge should be supplied along with the AC unit and the copper pipes should be insulated with 10 mm thick rubberised foam sleeve and insulating tape. A standard length of 3 metres of suitable size copper control cable and microprocessor based cordless remote control with required number of suitable batteries should also be supplied along with the AC unit as required. There should be 3 numbers of free service for the AC unit for one year from the date of commissioning. One year replacement warranty should be provided for the entire AC unit and ten years warranty should be provided for the compressor. (Make: Panasonic, Voltas, Carrier, Bluestar or Daikin)		
a	1.5-Ton	2	nos
2	Supply, connecting and fixing extra length of soft drawn copper pipes of suitable size for extending the refrigerant piping between out door unit and indoor unit, which includes brazing the pipes, insulating the pipes using rubberized foam sleeve of 10 mm thick and with insulating tape, leak testing etc as required	10	mtr
3	Supply and fixing good quality powder coated MS frames (wall mounting brackets) using	2	sets

	required numbers of suitable size anchor bolts for mounting the outdoor unit of AC in position as required		
4	Supply, installation, testing and commissioning of wall mounting type 4KVA 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-Ton / 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-I 1960 in the existing surface / recess conduit as required including giving necessary connections of the following sizes. (Make: RR Kabel, Polycab, Finolux or Havells)		
a	3 core 4.00 sq.mm	2	mtr
6	Supply and fixing 25A 3 pin plug top[with indicator (RoHS complaint) in the existing front plates and giving necessary connections as required. (Make: Legrand-Myrius, ABB-Calssic plus, MK –Blenz or Siemens- Wega)	2	nos

The quotations should reach “The Head, Department of Futures Studies, University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581” on or before 14th November 2019 at 4:30 pm. subject to following conditions.

- (i) The rate quoted should be inclusive of all taxes and any other charges.
- (ii) Items should be delivered at office premises. No additional charge should be levied on this count.
- (iii) The undersigned reserves the right to reject /accept any quotation without assigning any reason.

Sd/-

Kariavattom
28/10/2019

Prof. & Head
Department of Futures Studies