

AC SPECIFICATIONS

Item 1	od256601/2022_2023 Supply of 5KVA Volage stabiliser for split AC unit with voltage range of 140-280 V stabiliser with Low and High Voltage Cut Off, Intelligent Time Delay, Thermal Overload Protection, Micro-controlled Circuitry, Digital Display, Fire-retardant ABS Plastic Body,Wall Mountable Cabinet Design with 3 months replacement warranty and 3 years on site warranty. (V Gaurd/Crompton/Microtek)	
	Net Total Quantity	3.000 no
Item 2	od256604/2022_2023 Supply, installation, testing and commissioning of 2-Ton, 5-star rated, 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-32A 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 per norms. The condensing and evaporating coils should be made of soft drawn bright annealed 100% copper tubes of suitable sizes 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 'O' elastomeric nitrile rubberised foam sleeve insulation. A standard length of upto 3 metres 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 controller with 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 & ODU) for the first one year, applicable from the date of commissioning. One year warranty should be provided for the entire AC unit (IDU & ODU) and ten years exclusive warranty for the compressor and five years for the PCB. Make: Voltas,Carrier, Panasonic, Blue Star or Daikin	
	Net Total Quantity	3.000 each
Item 3	od256605/2022_2023 Supply and providing extra length of superior quality soft drawn bright annealed copper refrigerant pipes (suction and discharge) of suitable sizes for extending the refrigerant piping between ODU and IDU of the AC unit and properly insulating the copper pipes with 10 mm thick closed cell Class O elastomeric nitrile rubberised foam sleeve insulation and the joints, the pipes should be wound with teflon tapes with proper mechanical fixing including brazing, pressure check, leak testing etc as required.	
	Net Total Quantity	6.000 kg
Item 4	od256921/2022_2023 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.	

	20 mm	
	Net Total Quantity	20.000 metre
Item 5	od256924/2022_2023 Supply and drawing the following sizes of multi-core PVC insulated & FRLS PVC sheathed 650 / 1100 V grade copper conductor round flexible cables conforming to IS 694 part I 1960 as control cable for connecting IDU and ODU of the AC unit with necessary supports and PVC conduits including giving connections etc complete as required. 3-core 2.50 sq. mm	
	Net Total Quantity	15.000 metre
Item 6	90.10.3.23 Supply and Fixing the following modular switches & accessories in the existing front plates and giving necessary connections as required (RoHS compliant)16A 3 pin plug top	
	Net Total Quantity	3.000 each

DIRECTOR

ICMSR