

Providing Air Conditioners to the Campus Library at Kariavattom campus

Sl.No.	Specification	Quantity	Rate
1	<p>Supply, installation, testing and commissioning of 2-Ton (1 TR = 3616W/12000BTU/h) ,BEE 5-star rated, ISEER minimum 5 or Higher, wall mounting, high energy efficient, split air conditioner unit (IDU), fitted with hermetically sealed BLDC DUAL INVERTER TYPE 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 &lt; 43 dB (A) and ODU noise level &lt; 56 dB (A) as per norms. The condensing and evaporating coils should be made copper with protective coating. The ODU &amp; IDU should be interconnected by 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.AC Modes Turbo Mode,Power Saving Mode,Self Diagnosis Mode,Dry Mode, Anti Bacteria Filter,Sleep,Auto Restart,Auto Air Swing Remote Control Features Timer,Child Lock,Night Glow Buttons 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), two year replacement guarantee for PCB.Ten years exclusive warranty for the compressor.Make- Series: Carrier- EMPERIA NXI /Daikin-FTFKR60TV/Panasonic- CS/CU-QU26WKY/Blue Star - EBTU/Mitsubishi- MSY-GN/Hitachi -KIYORA</p>	4 Nos.	