

LBS COLLEGE OF ENGINEERING, KASARAGOD

Tender Notice

Tender No. D-1156/2021- BSK 21

Date: 22.08.2022

Sealed competitive tenders are invited by the Principal, LBS College of Engineering, Kasaragod from the authorized dealers for the supply of Three numbers of AC for CAD Lab(1.0Ton) Air Conditioning the simulation lab of ECE Department and Four Nos of 1.5 Ton AC for CE Department in LBS College of Engineering, Kasaragod.

Description of item:-

The supply of the item should be as per the details given in the schedule

1. Period of completion of supply and installation within 30 Days from the date of supply order.
2. Cost of Tender form : Rs.800
3. EMD : Rs. 3200
4. Last date of sale of Tender form : 22.09.2022, 4 P.M
5. Last date of submission of Tender : 23.09.2022, 2 P.M
6. Date of opening Tender : 23.09.2022, 3 P.M
7. Validity of the Tender : 6 Months

Sale of Tender document : The complete set of Tender documents can be received from The Principal, LBS College of Engineering, Kasaragod on submission of a written application along with a non refundable fee of Rs. 500/- (Rupees Five Hundred only) in cash or DD.

Copy to:

1. College Website
2. Notice Board




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KASARAGOD - 671 542

Specifications of the item 3 Nos of 1.0 Ton AC in ECE Department

Three Nos of Air conditioning the simulation Lab in ECE block

High Cooling Performance (HCP)	✓
Turbo Cool	✓
Energy Saver	✓
100% Copper	✓
Anti-Corrosive Blue Fins for Protection	✓
Nominal Cooling Capacity (tonnage)	1
Star Rating	3 star
(Rated) Voltage/Frequency/Phase	230 V / 50Hz / Single
Cooling Capacity (Watt)(Min~Max)	3312
Cooling Capacity (BTU/hr)	11300
Cooling Rated Power Input (Watt)	940
Cooling Capacity (BTU/hr)(Min~Max)	11300
ISEER	3.52
Electricity Consumed In 1600 Hours. (Units/Year)	727.66
Nominal Current (Cooling)(Amps)	4.2
Air Flow Volume (Wet CFM) (High / Medium / Low)	318/271/195
Noise Level Indoor (dB(a)) (High/ Medium/ Low)	40/34/31
Moisture Removal (Litres/Hour)	0.9
Compressor Type	Rotary
Refrigerant Quantity(Kg)	0.515
Ambient Temp (Cooling) (degree C)	52
Remote	LCD Remote without Backlit
Net IDU(Product) Dimension (mm)	845 x 300 x 193
Input Power Supply	IDU
Net Weight IDU (kg)	10
Net ODU Dimensions (Width X Depth X Height) (mm)	858 x 536 x 327
Net Weight ODU (kg)	29
Noise Level Outdoor (dB(a))	59
Gross IDU Weight (kg)	12
Gross ODU Weight (kg)	33
Suction Tube Size Outer Diameter Inch (mm)	1/2" (12.7mm)
Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6.35mm)
Max Piping Capability Total (metre)	10
Max Piping Capability Vertical (metre)	5
Refrigerant Additional Charge Beyond 4M (g/m)	15
Remote Battery Type	AAA
Product Title	FIXED SPEED AC 3 STAR* 1 TON

Features Refrigerant	R32
Condenser, Evaporator, Connecting Tubes Type	100% Copper
Air Conditioner Technology	Fixed Speed
Category	Fixed Speed Split
Voltage Stabilizer	✓
Standard Warranty (SW) of 1 Year, from the date of Installation	

Detailed specification of 4 Nos of 1.5 Ton AC in CE Department

1.5 TON SPLIT AC	
High Cooling Performance (HCP)	✓
Turbo Cool	✓
Energy Saver	✓
100% Copper	✓
Anti-Corrosive Blue Fins for Protection	✓
Nominal Cooling Capacity (tonnage)	1.5
Star Rating	3 star
(Rated) Voltage/Frequency/Phase	230 V / 50Hz / Single
Cooling Capacity (Watt)(Min~Max)	5125
Cooling Capacity (BTU/hr)	17487
Cooling Rated Power Input (Watt)	1456
ISEER	3.52
Electricity Consumed In 1600 Hours. (Units/Year)	1127.1
Compressor Type	Rotary
Input Power Supply	IDU
Suction Tube Size Outer Diameter Inch (mm)	1/2" (12.7mm)
Liquid Tube Size Outer Diameter Inch (mm)	1/4" (6.35mm)
Max Piping Capability Total (metre)	10
Max Piping Capability Vertical (metre)	7
Refrigerant Additional Charge Beyond 4M (g/m)	15
Refrigerant	R32
Condenser Type	100% Copper
Air Conditioner Technology	Fixed Speed
Voltage Stabilizer	✓
Standard Warranty (SW) of 1 Year, from the date of Installation	



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