

Schedule of work

Name of Work: AMC for 600 numbers of different air-conditioner along with annual rate contract for supply and fixing of AC spares in the campus of IACS, Jadavpur.

Sl. No.	Description. (Part-A)	Quantity	Unit	Amount (Rs.)
1	Deployment of trained AC technician for preventive, periodic and breakdown maintenance as per the "modality" and "scope of work" attached with the NIT. (without spares)	600 ACs	Lumpsum	
Sl. No.	Description (Part-B)	Quantity	Unit	Rate (Rs)
A)	Supply and fixing of following AC spares (new spares) as and when required basis			
1)	Capillary tube /Expansion valve	1	Number	
2)	Strainer for 1TR AC	1	Number	
3)	Strainer for 1.5 TR AC	1	Number	
4)	Strainer for 2TR AC	1	Number	
5)	Capacitor 1.5 MFD	1	Number	
6)	Capacitor 2.5 MFD	1	Number	
7)	Capacitor 3.0 MFD	1	Number	
8)	Capacitor 4.0 MFD	1	Number	
9)	Capacitor 6.0 MFD	1	Number	
10)	Capacitor 10 MFD	1	Number	
11)	Capacitor 36 MFD	1	Number	
12)	Capacitor 45 MFD	1	Number	
13)	Capacitor 50 MFD	1	Number	
14)	Condenser motor (for inverter type AC)	1	Number	
15)	Condenser motor (for non-inverter type AC)	1	Number	
16)	Indoor blower motor (for inverter type AC))	1	Number	
17)	Indoor blower motor (for non-inverter type AC))	1	Number	
18)	Temperature sensor	1	Number	
19)	Coil sensor	1	Number	
20)	Indoor motor rubber bush/clip.	1	Number	
21)	Condenser fan blade	1	Number	
22)	Swing motor	1	Number	
23)	PCB (outdoor) for 1, 1.5, 2TR capacity inverter type split AC	1	Number	
24)	PCB (indoor) for 1, 1.5, 2TR capacity inverter type split AC	1	Number	
25)	PCB for 1, 1.5, 2TR capacity Non-inverter type split AC	1	Number	
26)	Copper tube 1/4"	1	Number	
27)	Copper tube 1/2"	1	Number	
28)	Copper tube 3/8"	1	Number	
29)	Copper tube 5/8"	1	Number	
30)	Brass flare nut 1/4"	1	Number	
31)	Brass flare nut 1/2"	1	Number	
32)	Brass flare nut 1/4"	1	Number	
33)	Brass flare nut 3/8"	1	Number	
34)	Brass flare nut 5/8"	1	Number	
35)	class "o" Nitrile rubber insulation for 1/4" tube	1	Foot	
36)	class "o" Nitrile rubber insulation for 1/2" tube	1	Foot	
37)	class "o" Nitrile rubber insulation for 3/8" tube	1	Foot	
38)	class "o" Nitrile rubber insulation for 5/8" tube	1	Foot	
39)	25A SP electrical contactor /Relay	1	Number	
40)	Outdoor unit Stand/mounting bracket / angle iron with nut, bolt, washers, fustnuts, as required.	1	Number	

41)	Flexible drain pipe	1	Foot	
42)	Service valve 1/2"	1	Number	
43)	Service valve 1/4"	1	Number	
44)	Service valve 3/8"	1	Number	
45)	Service valve 5/8"	1	Number	
46)	Solenoid Valve	1	Number	
47)	Filter drier	1	Number	
48)	Schrader Valve/ Charging port.	1	Number	
49)	Indoor runner	1	Number	
B)	Painting the outer body/mounting bracket with two coats of approved enamel paint over a coat of red-oxide primer.	1	Sq. Foot	
C)	Flaring/expending or brazing/welding	1	Number	
D)	Comprehensive leakage arresting by N2 Flushing and vaccumissing	1	Number	
E)	Refrigerent charging /top-up using the following type of refrigerant			
1)	R-22	1	KG	
2)	R-32	1	KG	
3)	R-410A	1	KG	
F)	Dismantelling and shifting of different capacity of split ACs. Including pump-down the refrigerent and leakage testing.	1	Number	
G)	Wiring between Indoor & Outdoor for Split AC with 4 core 2.5 Sq.mm PVC insulated copper flexible wire	1	Meter	
H)	Supply, installation, testing and commissioning of following type new compressors			
1)	Scroll compressor for 3.0 TR AC (Non-Inverter)	1	Number	
2)	Scroll compressor for 5.5 TR AC (Non-Inverter)	1	Number	
3)	Scroll compressor for 4.0 TR AC (Non-Inverter)	1	Number	
4)	Rotary compressor for 1TR AC (Non-Inverter)	1	Number	
5)	Rotary compressor for 1TR AC (Inverter)	1	Number	
6)	Rotary compressor for 1.5 TR AC (Non-Inverter)	1	Number	
7)	Rotary compressor for 1.5 TR AC (Inverter)	1	Number	
8)	Rotary compressor for 2.0 TR AC (Non-Inverter)	1	Number	
9)	Rotary compressor for 2.0 TR AC (Inverter)	1	Number	
10)	Recipocating compressor 3.0 TR (Non-inverter)	1	Number	
I)	Repairing /refurbishing of PCB for 1, 1.5, 2TR capacity inverter type split AC	1	Number	
J)	Repairing /refurbishing of PCB for 1, 1.5, 2TR capacity Non-inverter type split AC	1	Number	
K)	Rewinding/repairing/ bearing replacement of fan/ blower motors	1	Number	
		Total (Part-A + Part B)		
Rs.Only				
Note-I : The quoted rate shall be inclusive of all taxes & duties, levies, cess, transport etc. including GST also. Nothing extra will be paid to the Contractor except the accepted rate.				
Note-II:The invoice amount may vary quarter to quarter based on consumption of spare parts under Part-B				
GST No:				
HSN/SAC code:				
CGST@ 9% considered in the above BOQ				
SGST@ 9%Considered in the above BOQ				