

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Dean of Infrastructure & Planning**

**NIT No.- QT/30-04-2024-01**

**N/W Dismantling, Repairing and refitting of AHU's blower i/c SITC/Replacement of DOL Starter, Pully, Bearing, V-belts etc. at Lab-10 BSBE Building**

S.No.	Description	Qty.	Unit	Rate	Amount
1	P & F, testing and commissioning Three Phase Starter suitable for Motor up to 1.0 -7.5 HP Amp range 1.5 - 9.3 A max, built in powder coated MS Box enclosure with Start - Stop push buttons etc. complete as required.				
2	2.0 HP/Higher	1	No's		
3	Providing, laying, testing, and commissioning of following size unarmored PVC insulated Copper conductor power cable 650/1100 V grade of following size on surface/recessed i/c copper gland, lugs termination etc. complete as required.				
4	4 x 4 sq. mm	6	Mtr		
5	Repairing of motor/blower shaft and bearing housing (End Cover) with remateling turning, machining etc. complete as reqd.				
6	Up to 3.0 HP, 415 volts, 1440 RPM	1	Job		
7	Dismantling and refitting of blower in existing Air Handling Unit including cleaning & replacement of defective parts after opening, removing of motor and motor foundation from AHU removing both of pully from motor and blower shaft and refixing etc complete as reqd.	1	Job		
8	Opening, dismantling of AHU & duct/canvass connection and refitting blower the same after repair work etc. complete as reqd.	1	Job		

9	Supplying and fixing of ' V ' belts size as mentioned below of approved make.				
10	A-20	4	Nos		
11	Supplying and fixing following size <b>ball bearing</b> NBC make complete in all respect including dismantling the existing defective bearing complete as required.				
12	6205 (2RS1/C3)	2	Nos		
13	LE-20	2	Nos		
14	Supplying and fixing taper-lock Pulleys including bush & key for AHU motor & blowers of following size including dismantling of defective pulley complete as required. (Make-Fenner/skf)				
15	80 x 2 SPA	1	Nos		
16	95 x 2 SPA	1	Nos		
17	<b>Servicing, cleaning, descaling, overhauling, lubricating, testing and re-commissioning of AHU</b> floor mounted/ ceiling suspended/ LLD blower cooling coils & filters including with proper chemicals, soap etc and neutralizing the same complete as required				
18	AHU up to 2500 CFM,4-6 R cooling coil.	1	Nos		
	Sub-Total				
	Add GST@				
	Total				



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