

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/16-05-2024-05

N/W- **Supply, Installation, Testing, Commissioning of rubber bellow, butterfly valve, defective temperature gauge, pressure gauge and AHU pre filter in Microscope AC plant**

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S.No	Description	Qty	Unit	Estimated Rate without GST (Rs)	Estimated Amount without GST (Rs)	Quoted Rate without GST (Rs)	Quoted Amount without GST (Rs)
1	Supply and fixing of 65 mm dia Rubber expansion Bellows length will be 150 mm type complete with control unit. Make-FLEXTECH	4.00	Nos	3468.00	13872.00		
2	SITC of Butterfly valves CI body with SS Disc Nitrile Rubber Seal & O- Ring PN 16 pressure rating for chilled water with hand lever operated including nut, bolt, flanges, gasket and insulation of valve as kind of existing pipe etc. complete as reqd.						

3	65 mm	1.00	Nos	3704.46	3704.46		
4	80 mm	3.00	Nos	4323.21	12969.63		
5	Providing & fixing in position the mercury in glass industrial type thermometers.	4.00	Nos	860.00	3440.00		
6	Providing and fixing in position the 0-150 PSIG industrial type pressure gauges with gun metal / brass petcock valves & MS nipple, socket etc complete as required	4.00	Nos	1185.00	4740.00		
7	Supply & fixing of following size 50/25 mm thick Box type washable prefilter made of non-woolen synthetic fiber with Al. frame having mesh one side and HDPE mesh other side efficiency 90% down to 10 Micron (standard EU-4) as per existing design/shape complete as reqd. (make: - Therma dyne or equivalent).						
8	610 x 610 x 50 mm	9.00	Nos	1043.00	9387.00		
9	535 x 483 x 25 mm	2.00	Nos	717.00	1434.00		
10	595 x 493 x 25 mm	2.00	Nos	717.00	1434.00		
11	595 x 530 x 25 mm	2.00	Nos	717.00	1434.00		
12	675x 520 x 25 mm	4.00	Nos	763.00	3052.00		
13	475x 494 x 25 mm	3.00	Nos	691.00	2073.00		
14	Supplying & fixing insulation on existing MS 'C' class pipe over exposed						

	surface/underground of following sizes with 50 mm thick fire retardant thermocole (polystyrene) moulded pipe section of density 20 kg/cu.m after a thick coat of cold setting adhesive (CPRX compound) wrapping with 500g polythene faced hessian cloth, wire mesh, sand-cement plaster & enamel painting two or more coat to give even shade after applying one coat of ordinary paint etc complete as required.						
15	80 mm	10.00	Mtr	441.00	4410.00		
16	100 mm	5.00	Mtr	532.00	2660.00		
17	Supplying and fixing of ' V ' belts size as mentioned below of approved make.						
18	A-29	4.00	Nos	251.00	1004.00		
19	Servicing of AHU/TFA/Pump/cooling tower motor of following capacity including opening from position, dismantling fan hub/pump coupling/Pully, cleaning, re-varnishing, epoxy coating, heating, assembly fitting alignment & commissioning of motor etc. complete as reqd.						
20	Up to 5 HP motor	1.00	No	3621.00	3621.00		
21	Supplying and fixing following size ball bearing NBC make complete in all respect including dismantling the existing defective bearing and depositing the same sectional store.						

22	6306 (2RS1/C3)	2.00	Nos	903.00	1806.00		
		Estimated Amount (A) =			Rs 71,041/-	Quoted Amount (B) =	Rs.
		Percentage (%) = $\frac{B-A}{A} \times 100$					



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