

## BILL OF QUNATITY

### Name of work: Repairing and rectification of AHU Copper Coil In Center for Environmental Engineering at IITG

Sl. No.	Description	Unit	Qty.	Rate in Fig. (Rs.)	Rate in words (Rs.)	Amount (Rs.)
1	Providing and fixing of AHU copper cooling coil of 6 rows with size 2400 x 1400 for 13000 cfm AHU i/c positioning, cutting, welding, fixing etc. complete as required	each	1.0			
2	Dismantling of defective AHU copper cooling coil by cutting, welding etc. and shifting the same from existing position to dump yard withing 100 mtrs etc. complete as reuired	lot	1.0			
3	Providing and fixing in position the following MS HEAVY class chilled water piping, cut to required length and installed with welded joints, including all necessary fittings such as elbow, tees, etc. and confirming to the specifications as detailed in the relevant chapter in the document.					
a	50 mm dia	meter	8.0			
4	Proving and fixing of following Chilled water pipe insulation with 25 mm thk. Al. Foil Faced Closed Cell Nitrial RubberXLPE pipe section.The pipe section shall be treated with thermal protection layer of pidilite or equivalent make covered with chicken wire mesh and 10mm thick cement sand plaster and 1 layes of terfelt and finally painted the bituminus paint in 2 layers. All the pipes will be as per IS 1239 with all necessary wooden supports on MS / Civil pedestals etc as required as per site condition and as per specification with MS Heavy class pipe, fittings etc complete as required..					
	50 mm dia	meter	8.0			
5	Proving and fixing of Condensate drain water pipe with all accessories complete as required.					
a	25 NB	meter	15.00			
6	providing and fixing of Condensate drain water insulation with 19 mm thk. Al Foil Faced Closed Cell Nitrial Rubber Pipe Section complete as required.					
a	25 NB	meter	15.00			

7	Connection of Chilled water piping with Y strainer, Butterfly valve, Two-way valve, Water pressure gauge and Thermometer	Job	1.00			
8	Supplying, fixing, testing and commissioning of following valves, strainers, gauges in the chilled water plumbing duly insulated to the same specifications as the connected piping and adequately supported as per specifications. BUTTERFLY VALVE (MANUAL) with C I body SS Disc, Nitrile Rubber Seal & O- Ring PN 16 pressure rating for chilled water/hot water circulation as specified					
a	50mm dia	each	2.00			
<b>Total amount =</b>						
<b><u>Discount@.....%, if any =</u></b>						
<b><u>Net Quoted amount =</u></b>						
<b>Say =</b>						

(Rupees.....  
.....only)

**N.B: Quoted rates shall be inclusive of all taxes & GST**