

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
INSTITUTE WORKS DEPARTMENT  
ELECTRICAL & AIR-CONDITIONING DIVISION**

No. 65/AC/EE/2022/389

Dated 28-03-2022

**QUOTATION NOTICE**

M/s .....

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Sealed quotations are invited from the empanelled contractor by the undersigned on behalf of the Director, IIT Kanpur for **"SITC of 1 x 2.5 TR Tower FCUs and associated works at basement lab of Lab 14 BSBE building.."** As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 05-04-2022 upto 3.00 PM and the quotation will be opened on the same day at 3.30PM in the presence of quotationers or their representative who want to be present.

**The terms and conditions of the quotation are as under:**

1. The quotations should be submitted
2. in a properly sealed envelop, addressed to the undersigned. The enquiry nos. and date should invariably quoted on the top of the envelop.
3. The time allowed for carrying out the above noted work is 28(Twenty Eight) Days.
4. The rates quoted should be exclusive of GST, no other tax is payable except GST. GST shall be applicable as per Govt. norms..
5. Security @ 6% shall be deducted from the bills which shall be released on successful completion of defect liability period of six months.
6. The estimated cost of quotation is **Rs.1,26,943/-**. The required earnest money of **Rs. 2539/-** is to be submitted in the form of FDR pledged in favour of the Director, IIT Kanpur alongwith the quotation. The earnest money of the unsuccessful quotationers will be returned within one month's time.
7. The quotations shall remain valid for 90 days from the date of opening.
8. Income tax will be recovered as per notification of Government from the bill and the amount so recovered will be deposited in the State Bank of India at the credit of the firm.
9. The earnest money/Security deposit will be regulated as per the norms of C.P.W.D.
10. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.
11. The material should be used as per approved list of make.

**QUOTATION**

**Sub: SITC of 1 x 2.5 TR Tower FCUs and associated works at basement lab of Lab 14 BSBE building.**

<b>S.N.</b>	<b>Description</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate (Rs.) Words &amp; Fig.</b>	<b>Amount</b>
1	SITC of Tower Fan Coil Unit, The unit shall be complete with insulated enclosure, comprising of blower, 2/3 speed motor with fan speed controller, 2/3 row copper coil section, 2 way motorised valve with actuator(inbuilt), washable filter section, cordless controller and brass flair fitting for copper pipe connection, i/c all necessary MS Stand/ support , vibration isolators etc. complete as reqd				
a)	2.5 TR/higher	1.00	No.		
2	Cutting & Dismantling of condensor / chilled water pipe line of following size for drain out the water from supply & return pipe line and making good i/c patching/connection re-filling of water in pipe line ,testing & commissioning complete as required.				
a)	20 mm to 100 mm	1.00	Job		
3	Cutting & dismantling of damaged and defective insulation, removing the thermocole , nitrile, PUF insulation or clading from chilled water MS pipe line of size mentioned below including hessian cloth, wire mesh, sand, cement, plaster, cleaning of pipe and shifting the waste material outside the permises of I.I.T. K. campus or desired location as reqd.				
a)	20 mm to 80 mm	6.00	Mtr		


S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
4	Providing & fixing of Brass ball valve of following size with compatible to proportioning Copper/MS pipe i/c all necessary accessories, support /hangers & old dismantling if any complete as reqd.				
a)	25 mm	1.00	Nos		
5	Providing & fixing of Brass ball valve with Y-strainer of following size with compatible to proportioning Copper/MS pipe i/c all necessary support /hangers & dismantling old if any complete as reqd.				
a)	25 mm	1.00	Nos		
6	Providing & fixing of SS ball valve of following size with compatible to proportioning Copper/MS pipe i/c all necessary accessories, support /hangers, including old dismantling if any complete as reqd.				
a)	25 mm	2.00	Nos		
7	Providing & fixing 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.				
a)	40 mm	2.00	Nos		
8	Supply, laying /fixing, testing and commissioning of MS Heavy 'C' class pipe ( IS :1239) of following sizes for chilled/ condenser water piping on surface / underground ( including fabrication of bends / elbows, tees, reducers, sockets, unions etc) with wooden / PUf block, masonry support / MS angle-clamp two coats primer/ enamel paint, vibration isolators and fittings as per standard specification complete as required.				



S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a)	25 mm	6.00	Mtr		
9	Supplying & fixing, insulation on existing pipe overhead/ underground of following sizes with 25 mm thick Aluminium faced nitrile rubber / XLPE foam pipe section fixing with dentride and tightening of insulation section PVC tape to be wrapped all around the joints. of insulation etc complete as required.				
a)	25 mm	6.00	Mtr		
b)	32 mm	6.00	Mtr		
10	Providing & fixing of Thermal protecting layer (double coat ) painting over exposed MS/copper pipe insulation outer surface with approved make chemical, shade and glass cloth as per standard specification complete as required.				
a)	25 mm	6.00	Mtr		
b)	32 mm	6.00	Mtr		
11	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.(Internal work - Exposed on wall)				
a)	25 mm	4.00	Mtr		
12	Providing, laying, testing, and commissioning of following size Un-armoured PVC insulated Copper conductor power/control cable of following size on surface/recessed complete as required.				

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a)	3 Core x 1.5 Sqmm, flexible Un-armoured copper cable	5.00	Mtr		
13	Providing and fixing of 3 pin- 6 Amp. Single Phase Plug top ISI Marked for AC (FCU) unit etc i/c dismantling old plug top if any complete as required.				
a)	3 pin- 6 Amp.	1.00	Nos		
14	Providing, laying & fixing of rainforced fiber flexible/soft PVC pipe of size given below etc. complete as reqd.				
a)	20 mm	2.00	Mtr		
15	Supply & fixing of copper piping 5/8" or 6/8" with 19/13 mm thick Class "O" Nitrile insulation on surface / recessed with flair nut, clamps etc. complete as reqd.	4.00	Mtr		
16	Supply and installation UPVC mini trunking(casing-caping) & flexible conduit of following size white-system with independent cover- without central partion etc. as reqd				
a)	UPVC trunking 20mm x 12mm	2.00	Mtr		
b)	Flexi Conduit 20 mm	1.00	Mtr		

Total Rs. \_\_\_\_\_

  
 अधिशापी अनिर्यता (वाठ) E.E. (A.C.)  
 मंडलनिर्विध, माठमठ संस्थान, कानपुर  
 I.W.D., I.I.T Kanpur