

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

No. 23/AC/EE/2020/266

Dated 19-11-2020

QUOTATION NOTICE

M/s .....

Sealed quotations are invited from the empanelled contractors by the undersigned on behalf of the Director, IIT Kanpur for "**Replacement of defective AHU's Cooling coil and associated work at lab-2 and Central facility Gr. floor at BSBE Bldg. .**" As per enclosed Bill of Quantity/overleaf, so as to reach in this office on or before 27-11-2020 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 in a properly sealed envelop, addressed to the undersigned. The enquiry nos. and date should invariably quoted on the top of the envelop.
2. The time allowed for carrying out the above noted work is 28(Twenty Eight) Days.
3. The rates quoted should be exclusive of GST, no other tax is payable except GST. GST shall be applicable as per Govt. norms..
4. Security @ 7.5% shall be deducted from the bills which shall be released on successful completion of defect liability period of six months.
5. The estimated cost of quotation is **Rs.129988/-**. The required earnest money of **Rs. 2600/-** 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.
6. The quotations shall remain valid for 90 days from the date of opening.
7. 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.
8. The earnest money/Security deposit will be regulated as per the norms of C.P.W.D.
9. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.
10. The material should be used as per approved list of make.

QUOTATION

**Sub: Replacement of defactive AHU's Cooling coil and associated work at lab-2 and Central facility Gr. floor at BSBE Bldg.**

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	SITC of 6 rows deep Copper made 1/2"(inch) cooling coil section with 32/25 mm cooper/ MS supply & return header having 11-13 FPI aluminum fins construction of for Vertical AHU. Coil section should be framed in duly painted GI/MS rectangular casing etc, as per existing design i/c replacement of copper fittings etc and MS mounting frame for cooling coil complete as required.				
a)	Size 940mm X 540mm X200mm (th) approx	1	Nos		
2	SITC of 4 rows deep Copper made 1/2"(inch) cooling coil section with 32/25 mm cooper/ MS supply & return header having 11-13 FPI aluminum fins construction of for Vertical AHU. Coil section should be framed in duly painted GI/MS rectangular casing etc, as per existing design i/c replacement of copper fittings etc and MS mounting frame for cooling coil complete as required.				
a)	Size 770mm X 590mm X170mm (th) approx	2	Nos		
3	Dismantling & removing of existing old defective cooling coil of any size with associated parts i/e valves, flange etc from AHU (floor/ceiling type) etc complete as reqd.				
a)	Up To 3000 CFM	3	Nos		
4	S & F ' V ' belts of size as mentioned below of approved make i/c dismantaling old damaged V-belts complete as required.				
a)	A-20	3	Nos		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
b)	A-39	1	Nos		
c)	A-40	2	Nos		
5	Cutting & dismantling of cond. / chilled water pipe line for drain out the water from supply and return pipe line and making good i/c welding, re-filling of water in pipe line testing & commissioning etc as required.				
a)	20 mm to 100 mm dia.	2	Job		
6	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 within the permises of I.I.T. K. campus or desired location as reqd.				
a)	20 mm to 100 mm dia.	15	Mtr		
7	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 isolatorsand fittings as per standard specification complete as required.				
a)	32 mm	5	Mtr		



S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
b)	40 mm	5	Mtr		
c)	50 mm	4	Mtr		
8	Providing & 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 after a thick coat of cold setting adhesive (CPRX compound), Upto 90 gsm thick Polytheen vapour barrier wrapping, 500g polythene faced hessian cloth, wiremesh, sand-cement plaster & painting two or more coat of ordinary paint etc complete as required. (Note:- Thermocole density should not be less than 20 kg/cu.m)				
a)	32 mm	5	Mtr		
b)	40 mm	5	Mtr		
c)	50 mm	4	Mtr		
9	P & F of Butterfly valves CI body with SS Disc Nitrile Rubber Seal & O- Ring of PN 16 pressure rating with hand operated lever including nut, bolt, flanges, gasket and insulation of valve as kind of existing pipe etc complete as read.				
a)	40 mm	2	Nos		
b)	50 mm	2	Nos		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
10	Providing & fixing in position the mercury in glass industrial type thermometers.	2	Nos		
11	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valve, MS Nipple, socket etc complete as required.	2	Nos		
12	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.				
a)	32 mm	4	Mtr		
13	Providing & fixing of accoustic insulation with open cell nitrile rubber sheet(Accosound) supersilence of following thickness, on existing surface with adhesive and accessories etc. complete as required.				
a)	50 mm	8	Smtr		
<b>Sub Total-A</b>					_____
1	Buy back cost of following existing Old damage & defective Cooling coil of any kind and taken away from site i/c lifting /shifting & cartage etc Complete as required.				
a)	Size 940mm X 540mm X200mm (th) approx	1	Nos		
2	Buy back cost of following existing Old damage & defective Cooling coil of any kind and taken away from site i/c lifting /shifting & cartage etc Complete as required.				
a)	Size 770mm X 590mm X170mm (th) approx	2	Nos		
<b>Sub Total-B</b>					_____
<b>Sub Total-C (A-B)</b>					_____