

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

No. 12 /AC/EE/2020/ 183

Dated 04-09-2020

QUOTATION NOTICE

M/s

Sealed quotations are invited from the empanelled contractors by the undersigned on behalf of the Director, IIT Kanpur for "SITC of double skin Horizontal type cabinet fan section,VFD, duct, insulation etc. and associated work for exhaust chemical fume from hood at lab-2 BSBE building...." As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 14-09-2020 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 @ 10% 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.110313/-. The required earnest money of Rs. 2206/- 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: SITC of double skin Horizontal type cabinet fan section,VFD, duct, insulation etc and associated work for exhaust chemical fume from hood at lab-2 BSBE building.

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	SITC of double skin Horizontal type cabinet fan section of panels consisting of pre coated G.I.casing of thickness 0.6 mm outside layer and plain 0.6 mm inside layer with 25 mm thick injected PUF of density not less than 40 Kg/CuM. The cabinet fan section shall be complete forward curved DIDW centrifugal fan, V-belts, drive package, VFD compatible variable speed squirrel cage induction motor, Motor shall be suitable for 415±10% volts, 50 Hz, 3phase AC supply having fire retardant flexible connection and vibration isolator all complete as per standard specification.				
a)	500 cfm, SP 50 wg, floor mounted cabinet fan section	1	Nos.		
2	SITC of variable frequency drive (VFD) of model no.FC-51/ Equivalent, with IP20, H2 RFI filter of make Danfoss/equivalent in suitable wooden board along with necessary Control wiring, copper lugs etc in flexible conduit for maximum energy conservation with following specifications complete as required.				
a)	0.75 Kw	1	Nos.		
3	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.				
a)	0.63 mm (24 G) thick	22	SqM		
4	Providing & fixing of thermal insulation with aluminium foil faced XLPE Class 'O' insulation sheet of following thickness on existing surface of duct with dendrite/adhesive and tightening with packing strip & lock at approx every 1.0 mtr distance etc.The joints shall be sealed with 50 mm wide and self adhesive PVC/Aluminium tape complete as required.				

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a)	13 mm	24	SqM		
5	Supply & fixing of fire retardant double cloth canvass made (up to 300 mm wide) with heavy clothes and suitable frame with G.I washer, nuts & bolts in suitable size. i/c jointing both sides with suitable gaskets complete as reqd.	1	Job		
6	P & F ,testing and commissioning Three Phase DOL Starter suitable for Motor up to 5.0 HP / 3.75 kW, Amp range up to 9.3 A max, built in powder coated MS Box enclosure with Start - Stop push buttons etc complete as required. (Model- IHADOAJ1 Make Havells /Equivalent).	1	Nos.		
7	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.				
a)	4 Core x 4.0 Sqmm, flexible Un-armoured copper cable	30	Mtr		
8	P & F ,testing and commissioning of 10/16 Amp. Three Phase MCB with 2/4 Way powder coated MS Box enclosure suitable for Motor up to 5.0 HP / 3.75 kW, Amp range 1.07-9.3 A max etc complete as required.	1	Job		
9	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20 mm	32	Mtr		
10	Making wall opening up to 600mm dia in any type / thick of wall and re-closing the opening with brick, sand, cement and plaster up to 20 mm i/c re-painting as per existing designed/shape complete as required.	2	Job		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
11	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	32	Kg		
12	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes and fitting as required.				
a)	110 mm	6	Mtr		
b)	110 mm Coupler	2	Nos.		
c)	110 mm Bend(90)	3	Nos.		
13	P & F double scaffolding system (cup lock type) on the exterior side of building/structure, up to 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. Note:- (1) The elevational area of the scaffolding shall be measured for payment purpose.(2) The payment will be made once only for execution of all items for such works. (A DSR-19.)	22	SqM		

Total Rs.

