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

No. 12 /AC/EE/2022/93

Dated 04-07-2022

QUOTATION NOTICE

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Sealed quotations are invited from the eligible air conditioning contractors by the undersigned on behalf of the Director, IIT Kanpur for "Renovation of Air-conditioning work in NL-1, Lab-202, IIT Kanpur." As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 12-07-2022 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.128370/-. The required earnest money of Rs. 2567/- 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: Renovation of Air-conditioning work in NL-1, Lab-202, IIT Kanpur

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	Supply, Installation, Testing and Commissioning of variable frequency drives for the above mentions Air Handling Unit. Variable frequency drives shall be provided with necessary sensors, transmitters and Resistive temperature drive (RTD) Model-MBT 3252/Equivalent, complete with control wiring in all respect as required and as per specs. The drives shall be suitable for the following motor rating. VFDs shall be housed in VFD Panels.				
1.1	5.5 KW (FC-51 Series) danfoss or equivalent.	1.00	No		
3	Dismantling & re-fixing of same (Modified) existing old ducts of any size i/c removing of hangers, flanges, damper, diffuser, grill 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.	5.00	SqM		
3.1	0.80 mm (22 G) thick	2.00	SqM		
4	Supply, installation, testing and commissioning of GI volume control duct damper complete with neoprene rubber gaskets, nuts, bolts, screws linkages, flanges etc, as per specifications	1.00	SQM		
5	Supplying, fixing testing commissioning of supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core.	0.50	Sqm		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
6	Supplying, fixing testing commissioning of Return air diffusers of powder coated aluminium without volume control dampers with anti smudge ring & removable core.	0.50	Sqm	Words a rig.	
7	Supplying & fixing of powder coated extruded aluminium supply Air Grills with volume control dampers complete as	0.50	Sqm		
	required.				
8	Supplying & fixing of powder coated extruded aluminium Return Air Grills without volume control dampers complete as required.	0.50	Sqm		
9	SITC of pressure independent Variable Air Volume (VAV Terminal units, suitable for installation in horizontal ducts. The casing shall be made of minimum 0.8 mm GSS internally lined with engineered polymer foam insulation. This shall include all accessories such as single damper (with equal% characteristics) etc. Actuators, control cabling, thermostat, with LCD display, factory filed transformer (220 v/24v), factory fitted calibrated values of Vmin, Vmax, Vnom, enclosure for controls (complete with outing plate and cover) hanger bracket, Aero cross flow sensor, other ancillary requirement for the functioning of the units. the VAVs shall be suitable for mod-bus output.				
9.1	a. CFM Range Min 85 Max 800 (or eqv)	3.00	No		
	a. Of Mirkange Militoo Max 000 (of eqv)	0.00	140		
10	Supply, laying & fixing of copper control cabling of following sizes :				
10.1	2C x 1.5 Sqmm cable	10.00	RM		
10.2	3 X 1.5 Sqmm cable	10.00	RM		

Total

अधिशाषी अनियंता (वार्व) E.E. (A.C.) संविनविविव, मावप्रौठ संस्थान, कानपुर I W.D. I.I.T Kanpur