

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

No. 08 /AC/SE/2023/35

Dated 30-06-2023

QUOTATION NOTICE

M/s

Sealed quotations are invited from the eligible air conditioning contractors by the undersigned on behalf of the Director, IIT Kanpur for **"Supply, installation, testing & commissioning of exhaust and supply air system in newly constructed autoclave area..."** As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 10-07-23 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 @ 6% shall be deducted from the bills which shall be released on successful completion of defect liability period of six months.
5. "Bid Security Declaration" is to be submitted along with the quotation (Estimate Cost **Rs. 179098.00**).
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: Supply, installation, testing & commissioning of exhaust and supply air system in newly constructed autoclave area.

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
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1 EXTRACT FAN SECTION


Supply, Installation, Testing and Commissioning of approved make double skin fan section for extract air complete with forward curved DIDW centrifugal fan, M S base frame, TEFC squirrel cage high efficiency IE-02 induction motor, drive package and vibration isolation arrangement including spring isolators, rubber grovemets etc. as called for in working drawings and specifications Fan section casing shall be fabricated out of minimum 16 G GS sheet as specified. Fan shall be suitable for operation on 415±10% volts, 50 Hz 3 phase AC power supply. Fan motor for kitchen fan, if any shall be enclosed in GI sheet enclosure enclosure in hot air stream free area. Fan outlet velocity shall not exceed 1800 FPM. Extract fan section shall be suitable for floor installation as shown in the design drawings. The fan characteristics shall be as follows :


Fan Area	Capacity Type	S.P (mmWG)	Motor Rating (HP)	Qty.	Unit	Amount
a) EFS-1 Autoclave	1500 FM	25	0.75	1.00	No	

6

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount										
2	<p>FAN FILTER UNITS (FFUs) Supply, Installation, Testing and Commissioning of approved make fan filter unit for supply air complete with 16 gauge prepainted GSS casing, DIDW centrifugal fan of approved make, drive package, squirrel cage high efficiency IE-02 induction motor, 50mm thick viscous metallic filters as called for in working drawings and specifications. Fan Filter Unit shall be suitable for ceiling suspension or floor installation as shown in the drawings. Fan shall be suitable for operation on 415+10% volts, 50 Hz, 3 phase AC power supply. The price shall be inclusive of necessary vibration isolation arrangement including spring isolators, rubber grovemets etc. as called for in working drawings. Fan outlet velocity shall not exceed 1800 FPM and the filter face velocity shall not exceed 500FPM. The fan characteristics shall be as follows :</p> <table border="1"> <thead> <tr> <th>Fan Type No. Being Fed</th> <th>Capacity (Cfm)</th> <th>S.P (mmWG)</th> <th>Motor Rating (HP)</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>a) FFU-1 Autoclave CS</td> <td>1200</td> <td>30</td> <td>0.75</td> <td>1.00</td> </tr> </tbody> </table>	Fan Type No. Being Fed	Capacity (Cfm)	S.P (mmWG)	Motor Rating (HP)	Area	a) FFU-1 Autoclave CS	1200	30	0.75	1.00				
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a) FFU-1 Autoclave CS	1200	30	0.75	1.00											
3	<p>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.</p>														
a)	0.63 mm (24 g)			25.00	SqM										
4	Supplying & fixing of powder coated extruded aluminum Supply Air Grills with aluminum volume control dampers as per specifications.	0.50			SqM										
5	Supplying & fixing of powder coated extruded aluminum Return Air Grills with lowers but without aluminum volume control dampers as reqd.	0.50			SqM										

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
6	Supplying, installation testing & commissioning of DOL starter type MU G6 suitable for extract fan section/fan filter unit motor etc as reqd. (Make L & T or its equivalent).	2.00	No		
7	Supply, laying, affecting connections and Testing of the following sizes of 1.1 KV armoured PVC insulated aluminium/ copper conductor cables. Cables shall be inclusive of all clamps, saddles, screws, cable identification tags, cable terminal joints including terminal lugs, insulating tapes, affecting terminal connections to the equipment as per the specifications and as required. Quoted price shall be inclusive of GI perforated cable tray, support.				
a)	4 Core x 2.5 Sq mm	25.00	Mtr		
8	Providing & fixing in position the following bare GI tape/ Cu wire including providing all fixing accessories & effecting proper connections.				
a)	12 SWG Cu Wire	25.00	RM		
Total Rs.					


 अधीक्षण अभियन्ता / S.E.
 सोनिविडो (I.W.D.)
 भाओप्रौ संस्थान, कानपुर
 I.I.T., Kanpur


 मशिशाक अभियन्ता (याओ) E.E. (A.C.)
 सोनिविडो भाओप्रौ संस्थान, कानपुर
 W D I.I.T. Kanpur

Performa of Bid Security Declaration

(To be submitted by bidder on its Company Letterhead (scanned copy) on <http://eprocure.gov.in/eprocure/app>)

It is here by submitted that if I/We ----- (Name of bidder/firm/company) withdraw or modify the bids during period of validity, or if I/We ----- (Name of bidder/firm/company) are awarded the contract and I/We ----- (Name of bidder/firm/company) fail to sign the contract or to submit a performance security before the deadline defined in the tender documents, I/We ----- (Name of bidder/firm/company) will be suspended to take part in IIT Kanpur's tendering process for the period of two years from the date of occurrence of the above mentioned default."

Date:

Authorized Signatory