

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

No. 46 /AC/EE/2019/ 363

Dated 16-12-2019

QUOTATION NOTICE

M/s

Dear Sirs,

Sealed quotations are invited from the empanelled contractors/Specialized Agencies by the undersigned on behalf of the Director, IIT Kanpur for "**Repairing, descaling of SHW system i/c panels, SS tank and replacement of defective/damage GI pipe, insulation, valve, nipple/socket etc. and other associated works installed at Hall-3 block-A,B & C...**" As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 23-12-19 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.129918/-**. The required earnest money of **Rs. 2598/-** 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: Repairing, descaling of SHW system i/c panels, SS tank and replacement of defective/damage GI pipe, insulation, valve, nipple/socket etc. and other associated works installed at Hall-3 block-A,B & C


S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	Providing & fixing of GM gate valve (Class-1 heavy duty screw type) ISI marked size as mentioned below i/c dismantling old if any complete as required.				
a	25 mm.	4.00	Nos.		
2	S/ Replacement of dead flange 5mm thick of 304 grade SS more than 65mm outer dia with 4 Nos.S S nut, bolt & washer i/c dismantling old if any complete as required.	3.00	Nos.		
3	Providing & fixing of following size 304 grade SS socket with welding and refilling etc and making water leakage proof i/c dismantling old if any complete as reqd				
b	25 mm.	2.00	Nos.		
4	S/ Replacement of following size 304 grade SS threaded nipple following size i/c dismantling old if any complete as required.				
a)	1"x6"	2.00	Nos.		
c)	1.25"x6"	1.00	Nos.		
5	Providing and fixing G.I. "B" Class pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.Internal work - Exposed on wall.				
a	25 mm.	24.00	Mtrs.		
b	20 mm.	2.00	Mtrs.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
6	Dismantling and refixing of pipe line upto 25mm by providing and fixing required fittings etc complete	10.00	Mtrs.		
7	Dismantling of the old pipe line of the system and depositing same in the sectional store as required complete.	20.00	Mtrs.		
8	S/Replacement of defective and damaged insulation on following size pipe line for hot water pipe line with 50 mm thick LRB Mattress Standard IS-3144, having Min 100kg/Cu-m density with 24 g chicken wire mesh etc complete as required .				
a	25 mm.	24.00	Mtrs.		
b	20 mm.	5.00	Mtrs.		
9	S/Replacement of defective and damaged insulation on following size pipe line for hot water SS Tank with 50 mm thick LRB Mattress Standard IS-3144, having Min 100kg/Cu-m density with 24 g chicken wire mesh etc complete as required	9.00	SQM		
10	S/Replacement of defective and damaged aluminium cladding with 26 swg thick aluminium sheet cladding, fixing with screws complete as required (Make-Hindalco/Equiv.).	9.00	SQM		
11	S/Replacement of defective and damaged aluminium cladding with 26 swg thick aluminium sheet on outer surface for 25 mm/ 20 mm G.I pipe having 50 mm thick insulation i/c fixing with screws complete as required (Make-Hindalco/Equiv.).				
a	25 mm.	20.00	Mtrs.		
b	20 mm.	5.00	Mtrs.		
12	Supply and making aluminium cladding bend outer suitable for following size G.I pipe having 50 mm thick insulation. i/c fixing with screws complete as required. (Make-Hindalco/Equiv..)				

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a	25 mm.	2.00	Nos.		
b	20 mm.	2.00	Nos.		
13	Supplying, fixing, testing and commissioning of electrical back-up 3.0 Kw heating element with pocket (ISI marked) i/c thermostat 7" rod type along with connecting wire, complete as reqd.	6.00	Nos.		
14	Painting more than two coat with super enamel Paint of solar hot water complete Panel/collector of capacity 100 LPD including collector stand, hot water storage stand and makeup tank stands, pipe sports after cleaning the surface with sand paper/ cloth etc as reqd.	24.00	Nos.		
15	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering.1:3:6 (1 cement : 3 coarse sand (zone-III): 6 graded stone aggregate 40 mm nominal size)	0.25	Mtr cub.		
16	Dismantling, cleaning, discaling, overhauling of collector up to 100 LPD of installed solar water heating system with proper chemical / liquid soap etc and reassembling testing, commissioning i/c. P/F all ss nut, bolt, epdm gasket & ss washers etc as reqd.	24.00	Nos.		
17	Locating and repairing leakage of Solar hot water panel (100 IPD) i/c dismantling of damage panel copper tubes, Upper & lower 25/20 mm header and brazing with required sizes brass tube, flanges etc, making leak proof and and painting with black paint, i/c reassembling the panel as reqd.	6.00	Nos.		
18	Locating and repairing leakages of Solar hot water SS Storage tank (Upto1000 ltr) i/c dismantling and removing of existing SS/Al. cladding, insulation etc from SS Storage tank making leak proof with argon welding multiple leakage on body and Sockets 32/25 mm header with required sizes SS Plate/filling etc and testing, reassembling the tank complete as reqd.	1.00	Job		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
19	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.	60.00	Kgs.		
20	Providing & fixing of Float valve (Brass) PN-10 Screw type ISI marked size as mentioned below i/c dismantling as required.				
a	25 mm.	3.00	Nos.		
21	Supplying and replacement of 5 mm thick toughen glass including cutting and making suitable size for fixing in solar panel of capacity 100 LPD. Including necessary rubber gasket and aluminium frame, Screw etc complete as reqd.	2.00	Nos.		
22	Supplying, fixing, testing and commissionin of 500 Ltrs water storage PVC tank on existing frame i/c fixing the Socket-nipple/valve to the tank complete as reqd. (Make Sintax or equivalent.)	1.00	Nos.		
23	Providing and fixing of fabricated MS Clamp for flate plate collectors having one side tightning arrangemet with welded nut-bolt as reqd.	55.00	Nos.		

Total


 अधिकांश अधिकारी (प्र.) B.E. (A.C.)
 महाराष्ट्र शासनाचे खाते, मुंबई
 I.W.O. L.T.E. K.