

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

No. 38 /AC/EE/2023/262

Dated 09-01-2023

**QUOTATION NOTICE**

M/s .....  
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Sealed quotations are invited from the eligible specialized agency by the undersigned on behalf of the Director, IIT Kanpur for **"Repairing & descaling of hot water solar Systems with associated repair work installed on the terrace of R A Tower Building...."** As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 17-01-2023 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. 129112.00**).
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: Repairing & descaling of hot water solar Systems with associated repair work installed on the terrace of R A Tower Building.**

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	Descaling of flat Plate solar panel of 100 LPD capacity including dismantling, cleaning, descaling of hot water tubes of solar water heating system with descaling solution & neutralizing the same i/c. replacement of SS nut, bolt,ss washer with EPDM gasket and re-assembling, testing & commissioning etc. complete as reqd.	50.00	Nos.		
2	Painting more than two coat of solar hot water complete system with flat plate collector panel 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.	50.00	Nos.		
3	Locating and rectfyng leakage of solar panel tubes of 100 LPD capacity including dismantling,removing and refitting the same after leakage repair with cutting/drilling, patching of copper tube and brazing etc. including leak test complete as reqd.	6.00	Nos.		
4	Providing and fixing of GM gate valve screw type of following size as per specification i/c dismentalling old complete as required. (Make_Sant, Zoloto, leader or approved list).				
a)	25 mm nominal bore	2.00	Nos.		
a)	32 mm nominal bore	1.00	No.		
5	Supply and fixing SS flanged nipple 65 mm OD ,grade_304 with welded SS nipple 25/ 20 mm ID, 100/150mm long, SS nut, bolts, washers and gasket (EPDM) etc. complete as required.	6.00	Nos.		
6	Supply and fixing SS dead flange 65 mm OD , grade_304 with 4nos. S S nut,bolts, washers and gasket (EPDM) etc. complete as required.	4.00	Nos.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps,i/c cutting and making good the walls etc. Internal work - Exposed on wall				
a)	20 mm dia nominal bore metre	2.00	Mtrs.		
b)	25 mm dia nominal bore metre	5.00	Mtrs.		
c)	32 mm dia nominal bore metre	10.00	Mtrs.		
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
a)	25 mm nominal bore	2.00	each		
b)	32 mm nominal bore	1.00	each		
9	Supply and Fixing thermal insulation on following size hot water pipe line LRB (Glass wool Pad & chicken mesh wire) 50 mm thick 28 Kg/cum with binding material etc. complete as required.				
a)	25 mm.	5.00	Mtrs.		
b)	32 mm	10.00	Mtrs.		
10	Providing & Fixing aluminium cladding with aluminium sheet 26 swg on existing pipe of 20/25mm dia duly insulated .( make-Hindalco or equivalent).				
a)	25 mm.	5.00	Mtrs.		
b)	32 mm	10.00	Mtrs.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
11	Supply & making of aluminium cladding bend (500 mm OD approx) suitable for 32/25/20 mm insulated G.I pipe including cutting,shaping,screw and washer etc. complete as required..	10.00	Nos.		
12	Supplying and fixing electrical back-up 3 Kw with pocket ISI marked including heating element, & witr etc as reqd.	6.00	Nos.		
13	Dismantling and refixing of solar hot water pipe line after removing old damage cladding and insulation, providing required fittings etc. up to 32 mm size including depositing the dismentalled material complete as required.	5.00	Mtrs.		
14	Providing and fixing of float valve (brass) of following size of approved quality, High or low pressure, with plastic floats i/c dismentalling old complete :(Make_ Approved/ ISI mark)				
a)	25 mm nominal bore	1.00	No.		
15	Locating fault in solar hot water system & rectifying the leakage by using material (i.e.pipe / fittings with solution etc.) complete as required.	25.00	Nos.		
16	Attending complaint of solar hot water pipe line & rectifying the same including leakage by using adhesive etc. complete as required.	10.00	Nos.		
<b>Total Rs.</b>					

कविशाही अविद्यता (वश) E.E. (A.C.)  
संनिधि, पाठशाला सस्थान, कानपुर  
W.D. L.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