

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

No. 56 /AC/EE/2022/ 330

Dated 14-02-2022

QUOTATION NOTICE

M/s

Sealed quotations are invited from the electrical contractor by the undersigned on behalf of the Director, IIT Kanpur for "**Renovation of M T Section shops (SH-Electrical work)..**" As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 21-02-2022 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 @ 6.0% 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.94618/-**. The required earnest money of **Rs. 1892/-** 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 M T Section shops (SH_Electrical work).

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/ PVC conduit including dismantling as required.				
a)	Group A	26.00	Point		
2	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit/ PVC trunking as required.				
a)	1 x 1.5 sq. mm	10.00	Mtr.		
b)	3 x 1.5 sq. mm	40.00	Mtr.		
c)	3 x 4 sq. mm	30.00	Mtr.		
d)	3 x 6 sq. mm	10.00	Mtr.		
3	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	20.00	Mtr.		
b)	25 mm	40.00	Mtr.		
c)	32 mm	5.00	Mtr.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
4	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.				
a)	250 mm X 300 mm X 100 mm deep	2.00	Each		
5	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a)	5/6 amps switch	50.00	Each		
b)	15/16 amp switch	25.00	Each		
c)	3 pin 5/6 amp socket outlet	10.00	Each		
d)	6 pin 15/16 amp socket outlet	10.00	Each		
6	Supplying and fixing wooden board of following sizes on surface/recessed with suitable size of phenolic laminated sheet cover etc. complete as required.				
a)	size 100 mm X 100 mm	5.00	Each		
b)	size 175 mm X 100 mm	10.00	Each		
c)	size 200 mm X 250 mm	10.00	Each		
7	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	12.00	Each		
8	Supplying and fixing brass batten/ angle holder including connection etc. as required.	12.00	Each		
9	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a)	6 way (4 + 18), Double door	1.00	Each		
10	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc.as required.				
a)	6 way, Double door TPN MCBDB	1.00	Each		
11	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	Single pole	18.00	Each		
b)	Double pole	14.00	Each		
12	Supplying and fixing following pole & rating, 240/415 volts, "c" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	TPN MCB 40A to 63 Amp.	1.00	Each		
13	Supplying and fixing DP/TP/FP sheet steel enclosure on surface/ recess etc. as required.	3.00	Each		
14	Providing and fixing casing and capping after removing old defective and damaged wood batten including dismantling of betten and wire & relaying of wires as required complete.				
a)	20 x 12 mm	30.00	Mtr.		
b)	25 x 16 mm	20.00	Mtr.		
c)	32x 16 mm	10.00	Mtr.		
15	Supply and fixing wooden round block of suitable sizes on surface etc. complete as required.	22.00	Nos.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
16	Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw and cup washer etc. complete as required.	200.00	Sq.inch.		
17	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and without lamp as complete required .				
a)	LED Bracket type light fitting 25w,2500l,,IP65 (Green line Smart) Make- Philiphs or its equivalent approved make.	1.00	No.		
18	Supply and drawing PVC insulated copper conductor (Flexible) following size 3-core round cable for connection of equipments / exhaust fan/AC & other work as reqd.				
a)	3x4 Sq.mm	115.00	Mtr.		
19	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	2 X 6 sq. mm (19mm)	2.00	Each		
20	Supply, laying,testing and commissioning of one No. XLPE/PVC insulated & PVC sheathed power cables (heavy duty) of 2x6 sqmm aluminium conductor, steel armoured cable of 1.1kV grade in following manners complete as reqd.				
a)	Laying charges direct in ground	2.00	Mtr.		
a)	Laying charges on surface	2.00	Mtr.		
c)	Laying charges direct in pipe	10.00	Mtr.		
d)	Laying charges direct in open duct	2.00	Mtr.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
21	Supply and fixing metal box of MS sheet 2mm thick including cutting , fabrication,welding etc. with hinged door, locking and hanging arragment, covering shade of suitable size duly painted on surface or recess as reqd.	25.00	kgs.		
22	Supply & Laying of HDPE pipe of following size inner dia, 2mm thick l/c cartage, loading & unloading etc.on surface/recessed as reqd. (ISI mark)				
a)	32 mm	20.00	Mtr.		
23	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1.00	Each		
24	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm).	10.00	Mtrs.		
25	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	40.00	Mtrs.		
Total Rs.					



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