

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

No. 07/AC/EE/2022/14

Dated 11-04-2022

QUOTATION NOTICE

M/s

Sealed quotations are invited from the eligible Electrical contractor by the undersigned on behalf of the Director, IIT Kanpur for "**Replacement of defective MS Box, MCB, timer and associated accessories in feeder pillar & control box fixed in poles of different courts at Hall-9.**" As per enclosed Bill of Quantity/ overleaf, so as to reach in this office on or before 19-04-2022 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.90425/-**. The required earnest money of **Rs. 2713/-** 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: Replacement of defective MS Box, MCB, timer and associated accessories in feeder pillar & control box fixed in poles of different courts at Hall-9


S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
1	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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	10.00	Nos		
b)	Single pole and neutral	2.00	Nos		
c)	TP MCB	2.00	Nos		
2	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)	FP MCB 40-63 Amps	2.00	Nos		
3	Supply and drawing PVC insulated copper conductor 3 x1.5 sqmm round cable (Flexible) for connection of lights/equipments / fan/AC & other work as reqd.	50.00	Mtrs		
4	Supply, fixing, connecting and commissioning cable end control box (looping type) with MS sheet of 16 SWG of size 200 mm X 200 mm X 125 mm having 1.No. SP MCB 6 Amp to 32 Amp, 230 volts and 2 Nos. Brass neutral link 12.5 mm square rod 6 way approx. 60 mm long and fixed on 6 mm thick bakelite sheet. Box shall have almirah type hinge and panel key type lock front door duly painted with earthing stud etc. complete as required.	15.00	Nos.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
5	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as required.				
a)	3 X 4 Sq.mm	10.00	Mtrs.		
b)	3 X 10 Sq.mm	10.00	Mtrs.		
6	Supply, installation, testing & commissioning of timer switch for 24 Hrs setting complete as required.(Make_Legrand Arteor or equivalent approved make)	2.00	Nos.		
7	Supply, laying,testing and commissioning of one No. XLPE/ PVC insulated & PVC sheathed power cables (heavy duty) of following core & size aluminium conductor, steel armoured cable of 1.1kV grade in following manners complete as reqd.				
i)	2x6 sqmm				
a)	Direct in ground with protection layer	25.00	Mtrs		
b)	On surface	15.00	Mtrs		
c)	Direct in pipe	3.00	Mtrs		
d)	In open duct	3.00	Mtrs		
8	Supply and fixing power cable connector of follwing war in existing feder piller with nut,bolts and washer etc.				
a)	6 way	15.00	Each		
9	S & F bakelite sheet 5 mm thick complete with required nuts & bolts as reqd.	350.00	sq.inch.		
10	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
a)	100 A, 16 KA,TPMCCB	2.00	Each		
b)	125 A, 16 KA,TPMCCB	1.00	Each		
11	Providing and fixing 6 SWG dia G.I. wire on surface/recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	60.00	Mtrs		
12	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)	35.00	Each		
13	Digging cable trench, lifting bricks & cable for locating fault. refilling the trench, ramming & making good the same as reqd.				
a)	up to 35 sqmm cable	30.00	Mtrs		
14	Supply & Laying of HDPE pipe of following size inner dia, 2mm thick on surface l/c cartage, loading & unloading etc. as reqd. (ISI mark)				
a)	32 mm (6Kg / cm ²)	10.00	Mtrs		
15	Welding of broken door of electrical feeder pillar in existing position including providing door gaket, door hinges and locking arrangement etc. complete as required.	3.00	Jobs.		
16	Painting of Electrical feeder pillar of any size with synthetic enamel paint of even shade with two or more coats with spray machine after cleaning surface complete as required.	3.00	Jobs.		

S.N.	Description	Qty.	Unit	Rate (Rs.) Words & Fig.	Amount
17	Providing and fixing PVC chanel/ Cable Raceway of Size 2x2 Inch, for open Slot Wiring/ Cable, Track to Hide Cables etc. complete as required (make_ ENX or ISI marked).	2.00	Mtrs		
18	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels.	0.25	Cum.		
19	Providing 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	1.00	sq.m		

Total Rs. _____


अधिसायी अधिवला (वा०) E.E. (A.C.)
संनिविदा, मा०प्र० संस्थान, कानपुर
I.W.D., I.I.T Kanpur