

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 48/IWD/ED/266

SCHEDULE OF QUANTITY

Name of Work: Providing and making UPS power points and network points in smart city project building.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as reqd.				
a	3 X 1.5 Sq.mm	65.00	Mtr		
b	3 x 4 Sq.mm	180.00	Mtr		
c	3 x 6 sq. mm	110.00	Mtr		
d	6 x 10 Sqmm	65.00	Mtr.		
2	Supplying and fixing following modular switch/socket on the existing modular plate & switch box/ DLP plastic trunking including connections but excluding modular plate etc as reqd.				
a	5/6 amps switch	70.00	Nos.		
b	15/16 amps switch	35.00	Nos.		
c	3 pin 5/6 amps socket outlet	77.00	Nos.		
d	6 pin 15/16 amps socket outlet	35.00	Nos.		
e	Blanking Plate	75.00	Nos.		
3	Supplying and fixing following of size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	1 or 2 module (75mm x 75mm)	2.00	Nos.		
b	8 module (125mm x 125mm)	25.00	Nos.		
c	12 module (200mm x 150mm)	7.00	Nos.		
4	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	1 or 2 Module	3.00	Nos.		
b	3 Module	21.00	Nos.		

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c	4 Module	9.00	Nos.		
d	6 Module	31.00	Nos.		
5	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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)				
a	16 Way, double door	2.00	Nos.		
6	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator).				
a	8 way (4 + 24) Double door	1.00	Nos.		
7	S & F following rating and pole, 240 volts 'C' curve 10 kA, lexic MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
a	Single Pole (5 Amp to 32 Amp)	40.00	Nos.		
b	Double Pole (5 Amp to 32 Amp)	2.00	Nos.		
c	Four Pole (5 Amp to 32 Amp)	2.00	Nos.		
d	Single Pole (40 Amp to 63 Amp)	17.00	Nos.		
e	Double Pole (40 Amp to 63 Amp)	5.00	Nos.		
8	Supplying and fixing following rating MCB type changeover switch suitable for inductive load of following poles in the existing MCB DB/enclosure complete with connections, testing and commissioning etc as reqd.	4.00	Nos.		
9	Providing and fixing following rating and breaking capacity four pole 415V 50Hz MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc as required.				
a	100 Amp, 35KA	3.00	Nos.		

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10	S&F connecting and commissioning independent mounting of 100/125 amp MCCB enclosure make legrand or its equivalent approved make in surface/recess I/c cutting the wall and making good the same in case of recessed as reqd.	1.00	Nos.		
11	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover- without central partion etc. as reqd.	80.00	Mtr.		
12	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	12.00	Nos.		
b	Internal angle/ External angle	7.00	Nos.		
c	Changeable flat angle	4.00	Nos.		
d	Flat Junction	2.00	Nos.		
13	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	80.00	Mtr.		
14	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	75.00	Mtr.		
15	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	15.00	Nos.		
b	Internal angle.	5.00	Nos.		
c	External angle	2.00	Nos.		
d	Flat Junction	3.00	Nos.		
e	Changeable flat angle	3.00	Nos.		
f	Separation partitions	65.00	Mtr.		
g	cover joint	15.00	Nos.		
h	Base joint	30.00	Nos.		
16	S/F, copper cable socket suitable for following size of conductor.				
a	6 Sqmm	12.00	Nos.		
b	10 Sqmm	56.00	Nos.		
c	25 Sqmm	44.00	Nos.		
17	Drawing of computer network cable in existing pipe / casing and capping as reqd including numbering the wires at both the ends.	1650.00	Mtr.		
18	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	75.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
19	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	11.00	Nos.		
20	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	12.00	Mtr.		
b	32 mm	5.00	Mtr.		
21	Structure steel work riveted, bolted or welded in built up sections, truses and framed work including cutting, hoisting, fixing in position and applying a primering coat of approved steel primer all complete.	5.00	Kg.		
	Total Rs.				