

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 45/IWD/ED/141****SCHEDULE OF QUANTITY**

Name of work: Providing 3 phase & single phase power points for AC in NL-I, ER Lab, JEE-206 & 207, WL-211, BSBE B block 1st Floor, WL-213 & 310.

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	430.00	Mtr		
b	3 x 4 Sq.mm	235.00	Mtr		
c	3 X 6 Sq.mm	30.00	Mtr		
d	3 X 10 Sq.mm	5.00	Mtr		
2	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as reqd.				
a	25 mm	50.00	Mtr		
3	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	240.00	Mtr.		
4	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	10.00	Nos.		
b	Internal angle/ External angle	15.00	Nos.		
c	Changeable flat angle	18.00	Nos.		
d	Flat Junction	10.00	Nos.		
5	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	25 mm	10.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a	4 way (4 + 12) Double door	1.00	Nos.		
7	Supplying and fixing following rating, 240 volts, 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd.				
a	Double Pole (5 Amp to 32 Amp)	1.00	Nos.		
b	Tripple Pole (5 Amp to 32 Amp)	11.00	Nos.		
c	Four Pole (5 Amp to 32 Amp)	11.00	Nos.		
d	Tripple Pole (40 Amp to 63 Amp)	1.00	Nos.		
e	Four Pole (40 Amp to 63 Amp)	2.00	Nos.		
8	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	13.00	Nos.		
9	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	31.00	Nos.		
b	15/16 amps switch	1.00	Nos.		
c	3 pin 5/6 amps socket outlet	31.00	Nos.		
d	6 pin 15/16 amps socket outlet	1.00	Nos.		
e	Blanking Plate	1.00	Nos.		
10	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	3 Module	30.00	Nos.		
b	6 Module	1.00	Nos.		
11	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	3 Module	30.00	Nos.		
b	6 Module	1.00	Nos.		
12	S/F, copper cable lug suitable for following size of conductor.				
a	10 Sqmm	12.00	Nos.		
	Total Rs.				