

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 53/IWD/ED/271

SCHEDULE OF QUANTITY

Name of Work: Providing power points and internet points alongwith other associated work in NL-II-204 & 305, WLE 112B, WLE-313, FB-R & D office (project Management cell).

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	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				
a	Group 'C'	10.00	Nos.		
2	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	10.00	Mtr		
b	3 X 2.5 Sq.mm	75.00	Mtr		
c	3 x 4 Sq.mm	70.00	Mtr		
d	3 X 6 Sq.mm	20.00	Mtr		
3	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	29.00	Nos.		
b	15/16 amps switch	16.00	Nos.		
c	3 pin 5/6 amps socket outlet	19.00	Nos.		
d	6 pin 15/16 amps socket outlet	16.00	Nos.		
4	Supplying and fixing following of size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	3 module (100mm x 75mm)	1.00	Nos.		
b	6 module (200mm x 75mm)	1.00	Nos.		
c	12 module (200mm x 150mm)	2.00	Nos.		
5	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	3 Module	11.00	Nos.		
b	6 Module	12.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	4.00	Nos.		
7	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	8 Way, double door	1.00	Nos.		
8	Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required.(But without MCB/ RCCB/ Isolator)				
a	4 way (4 + 12), Double door	1.00	Nos.		
9	Supplying and fixing following rating, 240 volts, 'C' series, minature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd.				
a	Single Pole (5 Amp to 32 Amp)	20.00	Nos.		
b	Double Pole (5 Amp to 32 Amp)	4.00	Nos.		
c	Tripple Pole (5 Amp to 32 Amp)	1.00	Nos.		
d	Four Pole (5 Amp to 32 Amp)	1.00	Nos.		
e	Four Pole (40 Amp to 63 Amp)	1.00	Nos.		
10	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	87.00	Mtr.		
11	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	7.00	Nos.		
b	Internal angle/ External angle	12.00	Nos.		
c	Changeable flat angle	10.00	Nos.		
d	Flat Junction	5.00	Nos.		
12	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	49.00	Mtr.		
13	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	47.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	8.00	Nos.		
b	Internal angle.	3.00	Nos.		
c	External angle	4.00	Nos.		
d	Flat Junction	6.00	Nos.		
e	Changeable flat angle	6.00	Nos.		
f	Separation partitions	30.00	Mtr.		
g	cover joint	10.00	Nos.		
h	Base joint	18.00	Nos.		
15	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	3.00	Mtr.		
b	25 mm	5.00	Mtr.		
16	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	4.00	Nos.		
17	S/F, connecting, testing and commissioning 34/35/36 watt LED recess mounted luminaires with diffuser suitable for 600 mm X 600 mm moduler POP/Gypsem ceiling etc.as reqd.	6.00	Nos.		
18	S/F, connecting, testing and commissioning 2 x 20 watt LED tube fitting surface mounting luminaires suitable mounting rail for T-LED lamps with 2 Nos. 20 watt LED lamps and connection etc.as reqd as per approved make.	1.00	Nos.		
19	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	53.00	Nos.		
20	Drawing of computer network cable/ PVC insulated flexible cooper/ Aluminium single core cable of size 1.5sqmm to 25 sqmm/ telephone cable upto 10 pair in existing pipe / casing and capping as reqd including numbering the wires at both the ends.	1525.00	Mtr.		
21	Supply, Installation, testing & commissioning of Ceiling fan of following 220 volts 50 Hz without regulator I/c wiring the down rods of standard length up to 30 cm with 1.5 sqmm PVC insulated copper conductor single core cable etc as reqd.				
a	1200 mm sweep	4.00	Nos		
22	Supply,Installation of exhaust fan 220 volt, 50 Hz of following sizes in the existing opening I/c connection, testing, commissioning etc as reqd.				
a	375 mm	1.00	Nos.		
23	S/F, Exhaust fan shutter of following sizes on rag bolts as reqd.				
a	375 mm	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
24	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	55.00	Mtr		
b	32 mm	15.00	Mtr		
25	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	2.00	Nos.		
26	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	6.00	Nos.		
	Total Rs.				