

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 71/IWD/ED/274****SCHEDULE OF QUANTITY**

Name of work: Providing power points and light points in old SAC and Internet points in WL-112A, ACES-107, FB-101B, FB-315, CL-101E, Gate office, NL-II-101A & old IME.

Name of the Contractor					
S.N	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	1 X 1.5 Sq.mm	100.00	Mtr		
b	3 X 1.5 Sq.mm	25.00	Mtr		
c	3 X 2.5 Sq.mm	60.00	Mtr		
d	3 x 4 Sq.mm	25.00	Mtr		
e	3 X 6 Sq.mm	70.00	Mtr		
f	3 X 10 Sq.mm	40.00	Mtr		
2	Supply and drawing following PVC insulated copper conductor flexible round cable for connection of equipment, exhaust fan, AC etc. as reqd.				
a	3 core 2.5 Sq.mm	100.00	Mtr.		
3	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		
4	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover but without central partition etc. as required complete.	175.00	Mtr.		
5	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				

S.N	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	End cap	16.00	Nos.		
b	Internal angle/ External angle	29.00	Nos.		
c	Changeable flat angle	24.00	Nos.		
d	Flat Junction	15.00	Nos.		
6	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	25.00	Mtr.		
7	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm width flexible cover	25.00	Mtr.		
b	End cap	4.00	Nos.		
c	Internal angle.	4.00	Nos.		
d	External angle	3.00	Nos.		
e	Flat Junction	1.00	Nos.		
f	Changeable flat angle	3.00	Nos.		
g	Separation partitions	10.00	Mtr.		
h	cover joint	10.00	Nos.		
i	Base joint	14.00	Nos.		
8	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	5	Mtr.		
b	25 mm	15	Mtr.		

S.N	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
9	Supplying and fixing of 32 mm dia X 2.00 metres long G.I. pipe (medium class) bracket for mounting of fluorescent / HPMV / HPSV street light fitting on pole including bending the pipe to the required shape, 2 nos 40 mm X 3 mm flat iron clamps with nuts, bolts and washer, painting the flat iron with primer and finish paint etc. as required.	2.00	Nos.		
10	Extra for cutting and drilling hole & panting of down rod of G.I pipe,15 mm dia for ceiling fan etc as required.	4.00	Job		
11	Supplying & fixing 15 mm dia GI pipe for down rod for fixing of ceiling fans etc as reqd.	6.00	Mtr.		
12	Supplying and fixing, 25 Watt LED street light luminaries with pressure die cast aluminium housing IP66 complete with all accessories complete ASTRA make Crompton or equivalent approved make.	2.00	Nos.		
13	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 (2+8) , double door	1.00	Nos.		
b	12 Way (2+12), double door	5.00	Nos.		
14	Supplying and fixing following rating, 240/415 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	Four Pole (5 Amp to 32 Amp)	1.00	Nos.		
c	Double Pole (40 Amp to 63 Amp)	2.00	Nos.		
d	Tripple Pole (40 Amp to 63 Amp)	1.00	Nos.		
e	Four Pole (40 Amp to 63 Amp)	3.00	Nos.		

S.N	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
15	S & F metal enclosure suitable for DP/TP/FP MCB on surface or recessed etc as reqd.	3.00	Nos.		
16	Supply, installation testing and commissioning of following LED light fixtures complete with driver, reflector, diffuser and lamp as required complete.				
a	1 x 20 watt LED tube fitting surface, rail mounting / ceiling suspended.	4.00	Nos.		
17	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc as required.	9.00	Nos.		
18	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	26.00	Nos.		
b	15/16 amps switch	8.00	Nos.		
c	3/5 pin 5/6 amps socket outlet	17.00	Nos.		
d	3/5 pin 15/16 amps socket outlet	8.00	Nos.		
e	Blanking Plate	2.00	Nos.		
19	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	11.00	Nos.		
c	6 Module	8.00	Nos.		
20	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	1 or 2 Module	2.00	Nos.		
b	3 Module	3.00	Nos.		

S.N	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	6 Module	8.00	Nos.		
21	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	60.00	Nos.		
22	Drawing of computer network cable/ PVC insulated flexible copper/ 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.	1760.00	Mtr.		
23	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	900 mm sweep	4.00	Nos.		
24	Supply and Fixing, of 400 mm sweep AC 230/250 volts, 50 HZ wall mounting revolving fan with brackets etc. required complete	2.00	Nos.		
25	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	400.00	Sq.cm.		
	Total Rs.				