

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 143/IWD/ED/606****SCHEDULE OF QUANTITY****Name of Work: Providing and making light points, power points, net points & LED fittings etc at BSBE Dr. Arun K. Shukla, OCL 103D, FB-421 etc and different labs and offices in academic area on complaint basis.**

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 required.				
a	3 x 1.5 sq. mm	13.00	Metre		
b	3 x 2.5 sq. mm	55.00	Metre		
c	3 x 6 sq. mm	5.00	Metre		
d	3 x 10 sq.mm.	7.00	Meter		
2	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2 Pair	15.00	Metre		
3	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a	5/6 amps switch	2.00	No.		
b	15/16 A switch	2.00	No.		
c	3 pin 5/6 A socket outlet	2.00	No.		
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a	5/6 A switch	24.00	No.		
b	15/16 A switch	24.00	No.		
c	3 pin 5/6 A socket outlet	23.00	No.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
d	6 pin 15/16 A socket outlet	30.00	No.		
e	Telephone socket outlet	2.00	No.		
5	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a	for 2 Module	3.00	No.		
b	3 Module	4.00	No.		
c	4 Module	2.00	No.		
d	6 Module	9.00	No.		
6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, 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	2.00	No.		
7	Supplying and fixing following 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 5 A to 32 A	10.00	No.		
b	Double pole 5 A to 32 A	4.00	No.		
8	Supply fixing connecting & commissioning of following rating ISI marked 3 pin Plug top Anchor make as reqd complete.				
a	5 Amp	2.00	Nos.		
b	15 Amp	1.00	Nos.		
9	Supply and drawing PVC insulated 3 core round copper conductor cable of following size for connection of equipments / exhaust fan & other work as reqd.				
a	1.50 sq. mm	6.00	Meter		
b	2.50 sq. mm	2.00	Meter		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
10	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	25.00	Meter		
11	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	10.00	Meter		
12	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm flexible cover	10.00	Meter		
b	End cap	6.00	Nos.		
c	Joints for 85mm width cover	3.00	Nos.		
d	base joints	6.00	Nos.		
13	Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.				
a	6 module	9.00	Nos.		
14	Supply & Laying of 40 mm dia, 8Kg / cm <sup>2</sup> , minimum 2.0 mm thick HDPE pipe, ISI mark in following manners as required complete.				
a	On Surface	25.00	Meter		
15	Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with screw & washer etc. as required.	51.00	Sq.cm.		
16	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	55.00	Meter		
17	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. ( box and cover plate will be supplied by dept.)	2.00	Nos.		
18	Locating fault <b>in wiring</b> rectifying removing & restoring supply the same & making good the damages etc as reqd.	5.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
19	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	8.00	Nos.		
20	Dismantling concealed & damaged DB/TPN Switches/starter/ loose wire boxes along with all accessories and depositing the same in the sectional store repairing the damages as reqd complete.	18.00	Nos.		
21	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a	1 or 2 Module	3.00	Nos.		
b	3 Module	4.00	Nos.		
c	4 Module	4.00	Nos.		
d	6 Module	5.00	Nos.		
e	12 Module	3.00	Nos.		
22	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	4.00	Nos.		
23	Supply and fixing of following LED light fixture with Electronic driver, LED lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a	36 watt recess mounting LED light fixture 600 x 600 mm	2.00	Nos.		
b	36/40 watt recess mounting LED light fixture 300 x 1200 mm	9.00	Nos.		
24	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.				
a	Fan regulator socket type	1.00	Nos.		
	<b>Total Rs.</b>				