

INDIAN INSTITUTE OF TECHNOLOGY KANPUR**Tender Notice No. 10/IWD/ED/45****SCHEDULE OF QUANTITY****Name of Work: Providing and making light points, power points, net points & LED fittings etc at NL II Lab 305.**

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 steel/PVC conduit including dismantling as required.				
a	Group C	14.00	Point		
2	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	30.00	Metre		
b	3 x 2.5 sq. mm	80.00	Metre		
c	3 x 4 sq. mm	100.00	Metre		
3	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	65.00	No.		
b	15/16 A switch	25.00	No.		
c	3 pin 5/6 A socket outlet	50.00	No.		
d	6 pin 15/16 A socket outlet	25.00	No.		
e	Blanking Plate	3.00	No.		
4	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				

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a	12 Module (200mmX150mm)	2.00	No.		
5.00	Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.				
a	3 module	23.00	Nos.		
b	6 module	25.00	Nos.		
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	12 way, Double door	1.00	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	12.00	No.		
b	Double Pole (40A-63A)	1.00	Nos.		
8	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	40.00	Meter		
9	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a	End cap	4.00	Nos.		
10	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	35.00	Meter		
11	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm flexible cover	35.00	Meter		
b	End cap	8.00	Nos.		
c	Internal angles- adjustable from 80°-100°	10.00	Nos.		

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d	external angles- adjustable from 60°-120°	4.00	Nos.		
e	flat junction	1.00	Nos.		
f	flat angles	4.00	Nos.		
g	separation partitions	30.00	Meter		
h	Joints for 85mm width cover	18.00	Nos.		
i	base joints	29.00	Nos.		
12	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)	399.00	Meter		
13	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.)	13.00	Nos.		
14	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	13.00	Nos.		
15	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.	8.00	Nos.		
16	Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages I/c filling the holes of the surface etc as reqd.and depositing it in sectional store.	20.00	Meter		
17	Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffusser, 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	9.00	Nos.		

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18	Supply Installation, testing and commissioning of following ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required.				
a	1200mm sweep.	5.00	Nos.		
	Total Rs.				