

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 114/IWD/ED/459****SCHEDULE OF QUANTITY**

Nmae of work: Providing and fixing 5 A & 15 A power points, net points, light & fans fittings etc at FB 366 & 367, WL 201 and NL I 302 ME 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	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
a	Group C	2.00	Point		
2	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	6.00	Point		
3	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	91.00	Metre		
b	3 x 2.5 sq. mm	106.00	Metre		
c	3 x 4 sq. mm	135.00	Metre		
d	3 x 6 sq. mm	11.00	Metre		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
4	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	61.00	Metre		
5	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 required.				
a	20 mm	20.00	Metre		
6	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	90.00	No.		
b	15/16 A switch	31.00	No.		
c	3 pin 5/6 A socket outlet	57.00	No.		
d	6 pin 15/16 A socket outlet	41.00	No.		
7	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.	3.00	No.		
8	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a	6 Module (200mmX75mm)	2.00	No.		
9	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a	3 Module	7.00	No.		
b	6 Module	42.00	No.		

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c	12 Module	2.00	No.		
10	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	Double pole 5 A to 32 A	3.00	No.		
b	Triple pole and neutral 5 A to 32 A	4.00	No.		
c	Triple pole (40A-63A)	1.00	Nos.		
d	Four Pole (40A-63A)	1.00	Nos.		
11	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	4.00	No.		
12	S & F following size of PVC flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	1.00	Meter		
13	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	144.00	Meter		
14	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a	End cap	2.00	Nos.		
b	internal / external angle	10.00	Nos.		
15	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	35.00	Meter		

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16	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm flexible cover	32.00	Meter		
b	End cap	14.00	Nos.		
c	Internal angles- adjustable from 80°-100°	9.00	Nos.		
d	external angles- adjustable from 60°-120°	8.00	Nos.		
e	flat junction	1.00	Nos.		
f	flat angles	4.00	Nos.		
g	separation partitions	16.00	Meter		
17	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)	710.00	Meter		
18	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.)	32.00	Nos.		
19	Dismantling and refixing of MCCB upto 630 Amp rating as required complete.	1.00	Nos.		
20	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.	30.00	Meter		
21	Supplying and fixing following size/ modules, plastic box for modular switches in recess etc as required.				
a	3 Module	1.00	Nos.		
b	6 Module	4.00	Nos.		
c	12 Module	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
22	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	2 X 20W LED tube with fitting	6.00	Nos.		
b	36 watt recess mounting LED light fixture 600 x 600 mm	2.00	Nos.		
23	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.	2.00	Nos.		
	Total Rs.				