

INDIAN INSTITUTE OF TECHNOLOGY KANPUR**Tender Notice No. 125/IWD/ED/519****SCHEDULE OF QUANTITY**

Name of Work: Providing and fixing 5 A & 15A power points, net points, net points, light & fan fittings etc at WLE 310, NL 105 post DOC Room, Hydraulics Lab WS 02, SL 208C 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	10.00	Metre		
b	3 x 2.5 sq. mm	18.00	Metre		
c	3 x 4 sq. mm	136.00	Metre		
2	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	9.00	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	55.00	No.		
b	15/16 A switch	67.00	No.		
c	3 pin 5/6 A socket outlet	53.00	No.		
d	6 pin 15/16 A socket outlet	66.00	No.		
4	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.	5.00	No.		
5	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				

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a	3 Module	8.00	No.		
b	6 Module	52.00	No.		
c	12 Module	1.00	No.		
6	Supplying and fixing of following ways surface/recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a	4 way (4 +12), 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	16.00	No.		
b	Four Pole (40A-63A)	1.00	Nos.		
8	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.	2.00	No.		
9	S & F following size of steel flexible pipe alongwith the accessories on surface etc as required				
a	25 mm	5.00	Meter		
b	32 mm	10.00	Meter		
10	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	96.00	Meter		
11	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	12.00	Meter		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
12	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system				
a	85 mm flexible cover	12.00	Meter		
b	End cap	6.00	Nos.		
c	Internal angles- adjustable from 80°-100°	2.00	Nos.		
d	external angles- adjustable from 60°-120°	2.00	Nos.		
e	flat junction	1.00	Nos.		
f	flat angles	1.00	Nos.		
g	separation partitions	10.00	Meter		
h	Joints for 85mm width cover	21.00	Nos.		
i	base joints	12.00	Nos.		
13	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)	535.00	Meter		
14	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.)	12.00	Nos.		
15	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	18.00	Nos.		
16	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.	1.00	Nos.		
17	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	40.00	Nos.		
c	12 Module	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
18	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	12 watt surface mounting LED light fixture	6.00	Nos.		
c	36 watt recess mounting LED light fixture 600 x 600 mm	14.00	Nos.		
19	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.	3.00	Nos.		
	Total Rs.				