

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 37/IWD/ED/114****SCHEDULE OF QUANTITY**

Name of work: Providing of internet points in old core lab 203-B, C&E, 204 C&D and 5 A & 15 A power points, fans fittings etc in old CL104 B, NL-2 101A, FB-418.

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 reqd.				
a	3 X 1.5 Sq.mm	33.00	Mtr		
b	3 X 2.5 Sq.mm	26.00	Mtr		
c	3 x 4 Sq.mm	21.00	Mtr		
d	2 X 10 Sq.mm	20.00	Mtr		
2	Supplying and drawing two pair 0.5 dia FRLS PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as reqd.	15.00	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				
a	20 mm	5.00	Mtr		
b	25 mm	5.00	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.	65.00	Mtr.		
5	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
a	End cap	7.00	Nos.		
b	Internal angle/ External angle	11.00	Nos.		
c	Changeable flat angle	5.00	Nos.		
d	Flat Junction	6.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	53.00	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	50.00	Mtr.		
b	End cap	8.00	Nos.		
c	Internal angle.	6.00	Nos.		
d	External angle	4.00	Nos.		
e	Flat Junction	1.00	Nos.		
f	Changeable flat angle	3.00	Nos.		
g	Separation partitions	15.00	Mtr.		
h	cover joint	21.00	Nos.		
i	Base joint	46.00	Nos.		
8	Earthing with GI earth electrode 50mm dia x 3 mtr length including earth enhancing compound (Jam Fill quality product) and PIT cover for earthing pit etc as reqd. (193GI JMV)	2.00	Set		
9	Providing & fixing 25mm x 5mm GI strip on surface or in recessd for connection etc. as reqd.	6.00	Mtr		
10	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "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	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
11	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/ neutral link, earthing etc as required (But without MCB/ RCCB/ Isolator). (Note : Prewired vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a	12 way (4 + 36) Double door	1.00	Nos.		
12	Supplying and fixing following rating, 240/415 volts, 'C' series, miniature 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)	30.00	Nos.		
b	Tripple Pole (40 Amp to 63 Amp)	2.00	Nos.		
13	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	12 module (200mm x 150mm)	1.00	Nos.		
14	Supply, installation testing and commissioning of following LED light fixtures complete with driver, reflector, diffuser and lamp as required complete.				
a	34/35/36 watt, 600 mm X 600 mm LED recess mounted luminaires, POLARIS I make Crompton or its equivalent approved make.	6.00	Nos.		
15	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	21.00	Nos.		
b	15/16 amps switch	12.00	Nos.		
c	3/5 pin 5/6 amps socket outlet	14.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
d	3/5 pin 15/16 amps socket outlet	12.00	Nos.		
e	2 module stepped type electronic fan regulator	4.00	Nos.		
16	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	2.00	Nos.		
b	6 Module	24.00	Nos.		
17	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	6 Module	2.00	Nos.		
18	S & F moduler RJ-11 telephone jack (1M) complete with modular box i/c modular base & cover plate etc as reqd.	1.00	Nos.		
19	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	53.00	Nos.		
20	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.	1300.00	Mtr.		
21	Supply, Installation, testing & commissioning of folowing sweep Ceiling fan, 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 required complete.				
a	1200 mm sweep	3.00	Nos		
22	Fixing of telephone DP/network rack on wall floor with suitable brick foundation on bolts and nut etc. as reqd.	1.00	Nos.		
23	Supply, Fixing, copper lug suitable for following size of conductor/ cable.				
a	10 Sqmm	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
24	Dismantling & refixing brass compression cable type cable gland up to size 120 Sqmm cable.	1.00	Nos.		
25	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.	50.00	Mtr.		
26	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	7.00	Nos.		
27	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	10.00	Nos.		
28	Locating fault in the cable lines with megger etc. and rectifying moving & restoring supply the same & making good the damages etc as reqd.	10.00	Nos.		
	Total Rs.				