

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 32/IWD/ED/100****SCHEDULE OF QUANTITY**

Name of work: Renovation of electrical installation in old core lab-201 D in Academic Area.

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'	25.00	Nos.		
2	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	30.00	Mtr		
b	3 X 2.5 Sq.mm	230.00	Mtr		
c	3 x 4 Sq.mm	40.00	Mtr		
d	3 X 10 Sq.mm	38.00	Mtr		
3	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.	200.00	Mtr		
4	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	50.00	Mtr.		
5	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	5.00	Nos.		
b	Internal angle/ External angle	10.00	Nos.		
c	Changeable flat angle	6.00	Nos.		
6	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	62.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
7	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	85 mm width flexible cover	62.00	Mtr.		
b	End cap	6.00	Nos.		
c	Internal angle.	6.00	Nos.		
d	External angle	6.00	Nos.		
e	Flat Junction	2.00	Nos.		
f	Changeable flat angle	3.00	Nos.		
g	Separation partitions	45.00	Mtr.		
h	cover joint	15.00	Nos.		
i	Base joint	20.00	Nos.		
8	Extra for cutting and drilling hole & panting of down rod of G.I pipe,15 mm dia for ceiling fan etc as required.	3.00	Job		
9	Supplying & fixing 15 mm dia GI pipe for down rod for fixing of ceiling fans etc as reqd.	3.00	Mtr.		
10	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	10.00	Mtr.		
11	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth metal enclosed plug top along with 20 amps ' C ' series SP, MCB, in the sheet steel enclosure, on surface or in recess, with chained metal cover for the soc	4.00	Nos.		
12	Supplying and fixing following rating, 240 volts, 'C' series, minature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd.				
a	Four Pole (5 Amp to 32 Amp)	2.00	Nos.		
13	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	S/F, connecting, testing and commissioning 1 x 20 watt LED tube fitting surface mounting/ceiling suspended luminares suitable mounting rail for T-LED lamps with 1 No. 20 watt T-LED lamps and connection etc.as reqd	18.00	Nos.		
15	Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc as required.	25.00	Nos.		
16	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc as reqd.				
a	5/6 amps switch	15.00	Nos.		
b	15/16 amps switch	15.00	Nos.		
c	5 pin 5/6 amps socket outlet	15.00	Nos.		
d	6 pin 15/16 amps socket outlet	15.00	Nos.		
17	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	35.00	Nos.		
b	15/16 amps switch	15.00	Nos.		
c	3 pin 5/6 amps socket outlet	25.00	Nos.		
d	6 pin 15/16 amps socket outlet	15.00	Nos.		
e	Blanking Plate	4.00	Nos.		
18	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	4.00	Nos.		
b	3 Module	4.00	Nos.		
c	6 Module	12.00	Nos.		
d	12 Module	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
19	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.	4.00	Nos.		
20	S & F following rating moduler RJ-11 telephone jack (1M) complete with modular box i/c modular base & cover plate etc as reqd.	1.00	Nos.		
21	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	10.00	Nos.		
22	Drawing of computer network cable/ PVC insulated flexible cooper/ 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.	250.00	Mtr.		
23	Supply, Installation, testing & commissioning of Ceiling fan of following 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 reqd.				
a	1200 mm sweep	3.00	Nos		
24	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.		
25	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	10.00	Nos.		
26	Dismantling & refixing DB/TPN Switches upto 100A/ loose wire boxes/ M.S. boxes alongwith all accessories etc as reqd.	2.00	Nos.		
27	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	19.00	Nos.		
	Total Rs.				