

INDIAN INSTITUTE OF TECHNOLOGY KANPUR



Tender Notice No. 124/IWD/ED/518

SCHEDULE OF QUANTITY

Name of Work: Renovation work in WL-108 for research on photovoltaics (Electrical work)

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	5.00	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	20.00	Metre		
b	3 x 2.5 sq. mm	150.00	Metre		
c	3 x 4 sq. mm	50.00	Metre		
d	3 x 10 sq.mm.	15.00	Meter		
e	6 x 16 sq.mm.	10.00	Meter		
3	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	15.00	Meter		
4	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	4.00	Nos.		
c	Changeable flat angle	3.00	Nos.		
d	Flat junction	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
5	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	45.00	Meter		
6	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm flexible cover	45.00	Meter		
b	End cap	5.00	Nos.		
c	Internal angles- adjustable from 80°-100°	5.00	Nos.		
d	External angles- adjustable from 60°-120°	5.00	Nos.		
e	Flat junction	5.00	Nos.		
f	Flat angles	2.00	Nos.		
g	Separation partitions	35.00	Meter		
h	Joints for 85mm width cover	25.00	Nos.		
i	Base joints	45.00	Nos.		
7	Supply and fixing of following LED light fixture with Electronic driver, LED lamp, reflector, diffusser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
a	36/40 watt surface mounting LED light fixture 300 x 1200 mm	8.00	Nos.		
8	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.		
9	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	12.00	No.		
b	15/16 A switch	30.00	No.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	3 pin 5/6 A socket outlet	12.00	No.		
d	6 pin 15/16 A socket outlet	30.00	No.		
10	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
a	3 Module	5.00	No.		
b	6 Module	20.00	No.		
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	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.)	15.00	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)	500.00	Meter		
14	Dismantling and refixing of M.S./PVC box of up to 250 x 300 x100 on surface recessed as required. including painting with enamel paint as reqd	2.00	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.	5.00	Nos.		
16	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	12.00	Nos.		
17	S&F, Copper tube / reducer/ lug terminals suitable for following size of conductor.				
a	6 /10/16 Sq.mm.	18.00	Nos.		
	Total Rs.				