

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 12/IWD/ED/64****SCHEDULE OF QUANTITY**

Name of work: Part-A: Providing internet points & light points in NL-I-214 Part-B: Providing internet points in Animal house and providing chemical earthing in Non linear Machanics NL-I.

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'	15.00	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	160.00	Mtr		
c	2 X 4 Sq.mm	45.00	Mtr		
3	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	20.00	Mtr.		
4	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	2.00	Nos.		
b	Internal angle/ External angle	2.00	Nos.		
c	Changeable flat angle	2.00	Nos.		
5	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	50.00	Mtr.		
6	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	45.00	Mtr.		
7	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	8.00	Nos.		
b	Internal angle.	3.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	External angle	4.00	Nos.		
d	Flat Junction	6.00	Nos.		
e	Changeable flat angle	6.00	Nos.		
f	Separation partitions	30.00	Mtr.		
g	cover joint	10.00	Nos.		
h	Base joint	20.00	Nos.		
8	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	10.00	Mtr.		
9	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
a	12 Way, double door	3.00	Nos.		
10	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	3.00	Nos.		
11	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	Single Pole (5 Amp to 32 Amp)	36.00	Nos.		
b	Double Pole (5 Amp to 32 Amp)	3.00	Nos.		
c	Single Pole (40 Amp to 63 Amp)	3.00	Nos.		
d	Double Pole (40 Amp to 63 Amp)	3.00	Nos.		
12	Supplying and fixing following of size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	12 module (200mm x 150mm)	3.00	Nos.		
13	S/F, connecting, testing and commissioning 2 x 20 watt LED tube fitting surface mounting/ceiling suspended luminaires suitable mounting rail for T-LED lamps with 2 No. 20 watt T- LED lamps and connection etc.as reqd	9.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	Supply & retrofitting 1 x 18/20 watt Tube LED lamp in existing fitting and connection etc.as reqd	4.00	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	48.00	Nos.		
b	15/16 amps switch	6.00	Nos.		
c	3 pin 5/6 amps socket outlet	28.00	Nos.		
d	6 pin 15/16 amps socket outlet	6.00	Nos.		
16	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	3 Module	20.00	Nos.		
b	6 Module	25.00	Nos.		
17	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	14.00	Nos.		
18	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.	600.00	Mtr.		
19	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.	100.00	Mtr.		
20	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	9.00	Nos.		
21	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	40.00	Nos.		
22	Fixing, testing & commissioning of all type light fitting etc as reqd.	15.00	Nos.		
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.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	1200 mm sweep	1.00	Nos		
24	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.	6.00	Nos.		
	Part-B:				
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	2 X 16 Sq.mm	25.00	Mtr		
2	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	370.00	Mtr.		
3	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				
a	End cap	11.00	Nos.		
b	Internal angle/ External angle	12.00	Nos.		
c	Changeable flat angle	16.00	Nos.		
4	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	20 mm	10.00	Mtr.		
5	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	24.00	Nos.		
6	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.	650.00	Mtr.		
7	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		
8	Providing & fixing 25mm x 5mm GI strip on surface or in recessd for connection etc. as reqd.	20.00	Mtr		
	Total Rs.				