

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 14/IWD/ED/43****SCHEDULE OF QUANTITY**

Name of work: Renovation of room no. 206 & 207 of JEE Gate Building and SL 102A.

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'	41.00	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	80.00	Mtr		
b	3 X 2.5 Sq.mm	210.00	Mtr		
c	3 x 4 Sq.mm	140.00	Mtr		
d	3 X 10 Sq.mm	70.00	Mtr		
e	3 X 16 Sq.mm	31.00	Mtr		
3	Supply and drawing PVC insulated copper conductor (Flexible) 3 core round cable 2.5 Sq.mm for connection of equipments / exhaust fan/AC & other work as reqd.	10.00	Mtr.		
4	Supplying and drawing following pair 0.5 Sq.mm FRLS PVC insulated copper conductor, unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as reqd.				
a	2 Pair	30.00	Mtr		
5	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	40.00	Mtr.		
6	Supply and fixing of following items for plastic trunking accessories suitable for size 32 mm x 20 mm				

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a	End cap	8.00	Nos.		
b	Internal angle/ External angle	10.00	Nos.		
7	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	77.00	Mtr.		
8	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	77.00	Mtr.		
9	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	12.00	Nos.		
b	Internal angle.	14.00	Nos.		
c	External angle	4.00	Nos.		
d	Changeable flat angle	1.00	Nos.		
e	Separation partitions	45.00	Mtr.		
f	cover joint	15.00	Nos.		
g	Base joint	15.00	Nos.		
10	Supplying & fixing 15 mm dia GI pipe for down rod for fixing of ceiling fans etc as reqd.	3.00	Mtr.		
11	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	25 mm	13.00	Mtr.		
12	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	8.00	Nos.		
13	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)				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	8 Way, double door	1.00	Nos.		
14	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	8 way (4 + 24) Double door	2.00	Nos.		
15	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)	40.00	Nos.		
b	Double Pole (5 Amp to 32 Amp)	2.00	Nos.		
c	Single Pole (40 Amp to 63 Amp)	3.00	Nos.		
d	Four Pole (40 Amp to 63 Amp)	2.00	Nos.		
16	Supplying and fixing following of size/modules, GI box along with modular base & cover plate for modular switches in recess etc as reqd.				
a	6 module (200mm x 75mm)	2.00	Nos.		
b	12 module (200mm x 150mm)	1.00	Nos.		
17	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	3.00	Nos.		
18	S/F, connecting, testing and commissioning 34/35/36 watt LED recess mounted luminaires with diffuser suitable for 600 mm X 600 mm moduler POP/Gypsem ceiling POLARIS I make Crompton or equivalent approved make.	43.00	Nos.		

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19	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	108.00	Nos.		
b	15/16 amps switch	44.00	Nos.		
c	3 pin 5/6 amps socket outlet	53.00	Nos.		
d	6 pin 15/16 amps socket outlet	44.00	Nos.		
20	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	3 Module	3.00	Nos.		
c	6 Module	24.00	Nos.		
d	12 Module	5.00	Nos.		
21	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	1 or 2 Module	4.00	Nos.		
b	6 Module	2.00	Nos.		
c	12 /16 Module	4.00	Nos.		
22	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.	15.00	Nos.		
23	S & F following rating modular RJ-11 telephone jack (1M) complete with modular box i/c modular base & cover plate etc as reqd.	2.00	Nos.		
24	Supply fixing connecting & commissioning of 15 Amp. 3 pin Plug top as reqd.	4.00	Nos.		
25	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	30.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
26	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.	850.00	Mtr.		
27	S & F fan hook I/c cutting the slab and fixing with the reinforcement and making damage, painting etc as the same.	12.00	Nos.		
28	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	8.00	Nos		
29	S & F of 400 mm sweep AC 230/250 volts, 50 HZ wall mounting revolving fan with brackets etc. complete	3.00	Nos.		
30	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.		
31	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.		
32	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	55.00	Nos.		
	Total Rs.				