

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 12 /IWD/ED/31****SCHEDULE OF QUANTITY**

Name of work: Modification & renovation of FB-255 (SH: Electrical Works).

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
a	Group 'C'	6.00	Nos.		
2	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'	8.00	Nos.		
3	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	25.00	Mtr		
b	3 X 2.5 Sq.mm	60.00	Mtr		
c	3 x 4 Sq.mm	75.00	Mtr		
d	3 X 10 Sq.mm	25.00	Mtr		
4	Supply and drawing PVC insulated copper conductor (Flexible) 3 core round cable 1.5 Sq.mm for connection of equipments / exhaust fan/AC & other work as reqd.	40.00	Mtr.		
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a	20 mm	25.00	Mtr		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	35.00	Mtr.		
7	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	15.00	Mtr.		
8	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	15.00	Mtr.		
9	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a	End cap	6.00	Nos.		
b	Internal angle.	2.00	Nos.		
c	External angle	2.00	Nos.		
d	Flat Junction	2.00	Nos.		
e	Changeable flat angle	3.00	Nos.		
f	Separation partitions	15.00	Mtr.		
g	cover joint	6.00	Nos.		
h	Base joint	12.00	Nos.		
10	Extra for cutting and drilling hole & panting of down rod of G.I pipe,15 mm dia for ceiling fan etc as required.	2.00	Job		
11	Supplying & fixing 15 mm dia GI pipe for down rod for fixing of ceiling fans etc as reqd.	2.00	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	1.00	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)				
a	12 Way, double door	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
14	Supplying and fixing following rating, 240 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)	12.00	Nos.		
b	Double Pole (40 Amp to 63 Amp)	1.00	Nos.		
15	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)	4.00	Nos.		
16	S/F, connecting, testing and commissioning 18 watt LED recess mounted luminaires with diffuser suitable for 300 mm X 300 mm modular ceiling/POP/Gypsem ceiling etc.as reqd.	7.00	Nos.		
17	S/F, connecting, testing and commissioning 34/35/36 watt LED recess mounted luminaires with diffuser suitable for 600 mm X 600 mm modular POP/Gypsem ceiling etc.as reqd.	8.00	Nos.		
18	Supply/ fixing of LED spot light etc.as reqd.BGO310 3xLED-HP/WW 220-240V make PHILIPS or equivalent approved .	5.00	Nos.		
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	10.00	Nos.		
b	15/16 amps switch	12.00	Nos.		
c	3 pin 5/6 amps socket outlet	10.00	Nos.		
d	6 pin 15/16 amps socket outlet	12.00	Nos.		
20	Supplying and fixing 3 module Pop-up type flush mounting box equipped with push and slide locking system etc. as required.	9.00	Nos.		
21	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	6 Module	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
22	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	6 Module	2.00	Nos.		
23	Supply fixing connecting & commissioning of 15 Amp. 3 pin Plug top as reqd.	2.00	Nos.		
24	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	8.00	Nos.		
25	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.	350.00	Mtr.		
26	S & F fan hook I/c cutting the slab and fixing with the reinforcement and making damage, painting etc as the same.	2.00	Nos.		
27	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	2.00	Nos		
28	Dismantling damaged DB/TPN Switches/ loose wire boxes/ M.S. boxes alongwith all accessories and depositing the same in the store as reqd.	4.00	Nos.		
29	Dismantling of ceiling fan / rally fan / all type fitting without regulator I/c depositing in store etc as reqd.	4.00	Nos.		
	Total Rs.				