

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 127/IWD/ED/705****SCHEDULE OF QUANTITY**

Name of work: Repairing / Replacement of defective electrical items in FB 434, WL-116, Samtal Ist & 3rd Floor Corridor and different labs and offices in academic area on complaint basis.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
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	3 X 1.5 Sq.mm	5.00	Mtr		
2	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	4.00	Mtr.		
3	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)	1.00	Nos.		
b	Four Pole (5 Amp to 32 Amp)	1.00	Nos.		
c	Four Pole (40 Amp to 63 Amp)	2.00	Nos.		
4	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	2.00	Nos.		
5	Supply & retrofitting 18 watt LED PLL lamp in existing fitting and connection etc.as reqd	3.00	Nos.		
6	Supply & retrofitting Tube LED lamp in existing fitting and connection of following;-				
a	20 watt Tube LED lamp ESENTIAL PHILIPS or equivalent approved make.	13.00	Nos.		
7	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	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
8	S/F, connecting, testing and commissioning 18 watt LED recess mounted luminaires with diffuser suitable for modular ceiling/POP/Gypsem ceiling POLARIS IV make Crompton or equivalent approved make.	24.00	Nos.		
9	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 POLARIS I make Crompton or equivalent approved make.	15.00	Nos.		
10	Supplying and fixing call bell/ buzzer suitable for A.C. single phase, 230 volts, complete as required.	1.00	Nos.		
11	Alteration of internal wiring in existing fitting of any type for retrofitting of tube LED i/c dismantling & refixing as reqd.	5.00	Nos.		
12	Supplying and fixing following piano type switch/socket on the existing switch box/cover including connections etc as reqd.				
a	5/6 amps switch	2.00	Nos.		
b	15/16 amps switch	1.00	Nos.		
c	6 pin 15/16 amps socket outlet	1.00	Nos.		
d	Bell Push	1.00	Nos.		
13	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	6.00	Nos.		
14	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	1.00	Nos.		
b	4 Module	1.00	Nos.		
15	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				

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a	1 or 2 Module	1.00	Nos.		
b	4 Module	1.00	Nos.		
16	Supply, Installation, testing & commissioning of Ceiling fan of following 220 volts 50 Hz without regulator l/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		
17	S & F 3 mm thick phenolic laminated sheet on existing board with brass screw & cup washer etc as reqd.	64.00	Sq.in.		
18	Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages l/c filling the holes of the surface etc as reqd.	7.00	Mtr.		
19	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.		
20	Dismantling & refixing DB/TPN Switches upto 100A/ loose wire boxes/ M.S. boxes alongwith all accessories etc as reqd.	9.00	Nos.		
21	Dismantling of ceiling fan / rally fan / all type fitting without regulator l/c depositing in store etc as reqd.	41.00	Nos.		
22	Locating fault in wiring rectifying moving & restoring supply the same & making good the damages etc as reqd.	18.00	Nos.		
23	Supplying and fixing 2.5 mfd capacitor suitable for ceiling fan.	1.00	Nos.		
	Total Rs.				