

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No.133/IWD/ED/756****SCHEDULE OF QUANTITY**

Name of work: Renovation of electrical installation in FB-430, FB-464, Nuclear Engineering Building, Swimming pool, Air quality lab, 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	4.00	Mtr		
b	3 X 2.5 Sq.mm	70.00	Mtr		
c	3 x 4 Sq.mm	49.00	Mtr		
d	3 X 6 Sq.mm	64.00	Mtr		
e	2 X 10 Sq.mm	15.00	Mtr		
f	3 X 16 Sq.mm	15.00	Mtr		
2	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	50.00	Mtr		
3	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover-without central partion etc. as reqd.	82.00	Mtr.		
4	S & F of following size of steel flexible pipe alongwith the accessories on surface etc as required.				
a	25 mm	11.00	Mtr.		
5	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)	4.00	Set		
6	Providing & fixing 25mm x 5mm GI strip on surface or in recessd for connection etc. as reqd.	70.00	Mtr		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
7	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	8 Way, double door	1.00	Nos.		
8	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 )	9.00	Nos.		
b	Double Pole ( 5 Amp to 32 Amp )	1.00	Nos.		
c	Tripple Pole ( 5 Amp to 32 Amp )	1.00	Nos.		
d	Four Pole ( 5 Amp to 32 Amp )	5.00	Nos.		
e	Double Pole ( 40 Amp to 63 Amp )	3.00	Nos.		
f	Tripple Pole ( 40 Amp to 63 Amp )	1.00	Nos.		
g	Four Pole ( 40 Amp to 63 Amp )	1.00	Nos.		
9	S & F metal enclosure suitable for DP/FP MCB/ on surface or recessed etc as reqd.	5.00	Nos.		
10	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.	2.00	Nos.		
11	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	3.00	Nos.		
b	15/16 amps switch	11.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
c	3 pin 5/6 amps socket outlet	1.00	Nos.		
d	6 pin 15/16 amps socket outlet	11.00	Nos.		
12	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	6 Module	4.00	Nos.		
c	12 Module	1.00	Nos.		
13	Supplying and fixing following Module Plastic box for fixing modular switches/sockets in surface/recess etc as required.				
a	1 or 2 Module	1.00	Nos.		
b	6 Module	4.00	Nos.		
c	12 /16 Module	1.00	Nos.		
14	Supplying and fixing 32 amps, 415 volts, 3P+N+E industrial type, socket outlet, with 5 pin metal enclosed plug top along with 32 amps ' C ' series four pole MCB, in the sheet steel enclosure, on surface or in recess, with chained metal cover for the socke	4.00	Nos.		
15	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.		
	Total Rs.				