

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 81/IWD/ED/296****SCHEDULE OF QUANTITY**

Name of work: Shifting of AC / power/ light fan points class room at central workshop &amp; power &amp; lan points in utility &amp; 6th floor NcFlexe building &amp; other additional associated electrical work as per request.

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	40.00	Mtr		
b	3 X 2.5 Sq.mm	35.00	Mtr		
c	3 x 4 Sq.mm	50.00	Mtr		
d	3 X 6 Sq.mm	30.00	Mtr		
2	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	25.00	Mtr.		
3	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
a	85 mm width flexible cover	25.00	Mtr.		
b	End cap	5.00	Nos.		
c	Changeable flat angle	2.00	Nos.		
4	Providing & fixing 25mm x 5mm GI strip on surface or in recessd for connection etc. as reqd.	40.00	Mtr		
5	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 (2+8) , double door	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing following rating, 240/415 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 )	16.00	Nos.		
b	Double Pole ( 5 Amp to 32 Amp )	7.00	Nos.		
c	Tripple Pole ( 5 Amp to 32 Amp )	3.00	Nos.		
d	Four Pole ( 5 Amp to 32 Amp )	2.00	Nos.		
7	Supplying and fixing following Modular GI/plastic base & cover plate on existing modular metal boxes/DLP plastic trunking etc. as required.				
a	12 Module	1.00	Nos.		
8	S&F connecting and commissioning independent mounting of MCCB enclosure suitable for upto 250 amp MCCB as per approved make in surface/recess I/c cutting the wall and making good the same in case of recessed etc as reqd. complete.	1.00	Nos.		
9	Supply, installation testing and commissioning of following LED light fixtures complete with driver, refelctor, diffuser and lamp as required complete.				
a	2 x 20 watt LED tube fitting surface, rail mounting / ceiling suspended.	30.00	Nos.		
10	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	15/16 amps switch	30.00	Nos.		
b	3/5 pin 15/16 amps socket outlet	30.00	Nos.		
11	Fixing, Internet Box of size 75mm x 75mm x 40 mm including brass screw on surface / recessed as reqd.	5.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
12	Supply, installation testing and commissioning of ceiling fan of following 220 volts 50 HZ without regulator i/c wiring the down rod of standard length up to 30 cm with 1.5 sqmm PVC insulated copper conductor single core cable etc as reqd.				
a	1400 mm sweep	12.00	Nos.		
13	Lifting & removing cable of following size from trenches or clamped on surface, making rol depositing the same in the store i/c cartage etc as reqd.				
a	Above 35 sqmm to 95 sqmm	40.00	Mtr.		
14	Digging cable trench, lifting brick & cable for locating fault and relaying the cable i/c refilling the trench, extra sand if required shall be i/c in the item as required.	75.00	Mtr.		
	Total Rs.				