

INDIAN INSTITUTE OF TECHNOLOGY KANPUR



Tender Notice No. 118 /IWD/ED/502

SCHEDULE OF QUANTITY

Name of Work: Providing of power points for UPS line and laying of fiber uplink wire in block "B" to switch room at Airstrip Pre-Engineering Lab.

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 required.				
a	3 x 6 sq. mm	120.00	Metre		
2	Supply and drawing PVC insulated 3 core round copper conductor cable of following size for connection of equipments / exhaust fan & other work as reqd.				
a	1.50 sq. mm	180.00	Meter		
3	Supply and fixing of 32 x 20 mm DLP mini- trunking white-system with independent cover etc. as required complete.	45.00	Meter		
4	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partion etc. as required complete.	45.00	Meter		
5	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system				
a	85 mm flexible cover	45.00	Meter		
b	End cap	12.00	Nos.		
c	Internal angles- adjustable from 80°-100°	6.00	Nos.		
d	external angles- adjustable from 60°-120°	3.00	Nos.		
e	flat angles	12.00	Nos.		
f	Joints for 85mm width cover	20.00	Nos.		
g	base joints	30.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing following rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Single pole 5 A to 32 A	6.00	No.		
b	Double pole 5 A to 32 A	6.00	No.		
7	S & F metal enclosure suitable for DP/TPN MCB / DP ELCB on surface or recessed etc as reqd.	6.00	Nos.		
8	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. (box and cover plate will be supplied by dept.)	10.00	Nos.		
9	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	800.00	Meter		
10	Supply & Laying of 40 mm dia, 8Kg / cm ² , minimum 2.0 mm thick HDPE pipe, ISI mark in following manners as required complete.				
a	In ground I/c excavation, sand caushioning, protective covering and refixing the trench etc as reqd	165.00	Meter		
b	In Pipe	20.00	Meter		
c	On Surface	20.00	Meter		
d	In open duct	10.00	Meter		
11	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
a	6 Module (200mmX75mm)	6.00	No.		
12	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a	5/6 A switch	12.00	No.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
b	3 pin 5/6 A socket outlet	12.00	No.		
13	Fixing of Network rack on steel fashtner including cartage from store to site as reqd complete.	3.00	Nos.		
	Total Rs.				