

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 14 /IWD/ED/66

SCHEDULE OF QUANTITY

Name of work: Laying of fiber cable from hut F3 & F4 to community centre Type-I and 17 Lan ports in community centre Type-I and 2

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supply and laying of 40 mm dia, minimum 2 mm thick, PN 6, ISI marked HDPE in following manners.				
a).	direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	375.00	Mtr.		
b).	in the existing RCC/ HUME/ METAL pipe as required.	25.00	Mtr.		
c).	in the existing masonry open duct as required.	5.00	Mtr.		
2	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc. as required				
a)	50 mm dia	25.00	Mtr.		
3	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)				
a)	1/2/3 run of cable	500.00	Mtr.		
4	Laying of optical fiber cable in existing HDPE pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include tagging of cable as reqd. (fiber will be supplied by dept)	400.00	Mtr.		
5	Fixing internet rack on steel fastener including cartage from store to site as reqd complete.	1.00	Each		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	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.)	34.00	Each		
7	Supplying, installation DLP mini- trunking 32mm x 20mm and accessories white-system with independent cover- without central partion etc. as reqd.				
a)	Trunking with cover	140.00	Mtr.		
b).	End Cap	5.00	Each		
c)	TEE	5.00	Each		
d).	Bend	5.00	Each		
e)	angle	5.00	Each		
8	Supplying, installation DLP plastic trunking 105mm x 50mm and accessories plastic trunking without cover, for trunking, covers and partitions etc. as reqd.				
a).	Trunking	25.00	Mtr.		
b).	cover	25.00	Each		
c)	End Cap	2.00	Each		
d).	Flat Junction	1.00	Each		
e).	Flat Angle	1.00	Each		
f).	internal angle	2.00	Each		
g).	external angle	1.00	Each		
h).	Base joint	10.00	Each		
i).	cover joint 85 mm	5.00	Each		
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a).	3 x 1.5 sq.mm.	25.00	Mtr.		
10	Supplying, installation 3 module mosaic frame for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.	1.00	Each		
11	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	2.00	Each		
b)	3 pin 5/6 A socket outlet	3.00	Each		
	Total Rs.				