

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 85/IWD/ED/505

SCHEDULE OF QUANTITY

Name of Work: Electrical work for

Part-A

Providing network points at shopping centre, CSE canteen & campus school and other associated works.

Part-B

Providing 10 pair jelly filled cable from DP near main gate to reception gumti at IIT main gate.

Name of the Contractor

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
Part-A					
1	Laying UTP / RJ-11/RJ-6/ Telephone wire/ cable in existing steel conduit pipe / GI pipe / HDPE pipe as reqd. (The cost shall also include numbering of networking wire from room to rack as reqd.	1750.00	Mtr.		
2	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	25 x 16 mm	70.00	Mtr.		
b)	32 x 16 mm	125.00	Mtr.		
3	Supply and laying of HDPE pipe ISI mark of 25 mm (8 Kg / Cm ²) size inner dia, 2 mm thick i/c cartage loading & unloading etc as reqd.				
a)	Direct in ground i/c excavation, sand cushioning, protective covering and refilling the trench etc as reqd.	128.00	Mtr.		
b)	On surface with MS clamp	2.00	Mtr.		
4	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.	12.00	Nos.		
5	Supplying, installation DLP plastic trunking 105mm x 50mm and accessories plastic trunking without cover, for trunking covers and partitions etc as reqd.				
a)	Plastic trunking without cover	10.00	Mtr.		
b)	Flexible cover 85mm width	10.00	Mtr.		
c)	End caps	2.00	Nos.		
d)	Flat angle	2.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
	Part-B				
1	S&L, connecting,testing and commissioning 10 pairs telephone armoured cable PVC insulated and PVC sheathed annelaed tinned copper conductor.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	237.00	Mtr.		
b)	In existing Pipe	8.00	Mtr.		
c)	In existing open duct	10.00	Mtr.		
d)	Fixing on surface with MS clamp	25.00	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)	50mm dia	10.00	Mtr.		
3	Fixing of telephone DP suitable upto 400 pair on wall / floor with sutiable brick foundation on bolts and nut etc. as required.	1.00	Nos.		
	Total Rs. (Part-A & Part-B)				