

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**



**Tender Notice No. 121/Elect/2021**

**SCHEDULE OF QUANTITY**

**Modification / Renovation of damaged UTP wire of house No. Type-IV 474, 496, 498, 4068, 4084, 4094, 606, 644, 670 Type-III 367, 3015, uplink wire hut to hut from U8(645) to F7(649) and F13 (325) to U26 (336), and F4 (121) to U7 (148) as requested by computer centre as per enclosed complaints at IIT Kanpur.**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	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				
1.1	50 mm dia	110.00	Mtr.		
2	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required.				
2.1	180 mm X 100 mm X 60 mm deep	8.00	Each.		
3	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.)	25.00	Each.		
4	Providing and fixing PVC casing and capping in place of defective and damaged wood batten including dismantling of batten and wire complete as required.				
4.1	20 X 12 mm	120.00	Mtr.		
4.2	25 X 16 mm	80.00	Mtr.		
4.3	32 X 16 mm	20.00	Mtr.		
5	Supplying and fixing 3 mm thick phenolic laminated sheet on existing board with brass screw and cup washer etc. complete as required.	1600.00	Sq.cm		
6	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)	3000.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
7	Supply and laying of HDPE pipe ISI mark of 25 mm (8Kg / cm <sup>2</sup> ) size inner dia, 2mm thick l/c cartage loading & unloading etc. as reqd.				
7.1	Direct in ground l/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	1000.00	Mtr.		
7.2	In Pipe	80.00	Mtr.		
7.3	In open duct	20.00	Mtr.		
7.4	On surface with MS clamp	25.00	Mtr.		
8	Supply and laying of HDPE pipe ISI mark of 32 mm (8Kg / cm <sup>2</sup> ) size inner dia, 2mm thick l/c cartage loading & unloading etc. as reqd.				
8.1	Direct in ground l/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	250.00	Mtr.		
8.2	In Pipe	30.00	Mtr.		
8.3	In open duct	10.00	Mtr.		
8.4	On surface with MS clamp	8.00	Mtr.		
	Total Rs.				