

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Dean of Infrastructure & Planning**

**NIT No.- QT/29-04-2024-03**

**N/W Shifting of 200 pair telephone DB from on road to H.No. 1007 Lawn and making new foundation for main telephone DB and replacement 100 pair telephone DB in place of old damaged main DB near H.No. 235 Type-II etc. as per enclosed DOIP form 101**

S.No.	DESCRIPTION	Qty	Unit	Rate	Amount
1	Supplying and drawing telephone cable of 2 pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	40.00	Mtr.		
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct <b>in ground</b> including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
2	Upto 35 sq. mm	32.00	Metre		
3	Above 95 sq. mm and upto 185 sq. mm	8.00	Metre		
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
4	Upto 35 sq. mm	8.00	Metre		
4	Above 95 sq. mm and upto 185 sq. mm	2.00	Metre		
5	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels.	2.00	Cum		

5	Providing 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	20.00	sqm		
6	Supply of one Number following pairs jelly filled armoured <b>telephone cable</b> PVC insulated and PVC sheathed annealed tinned copper conductor.				
6	10 pairs cable	40.00	Metre		
7	20 pairs cable	5.00	Metre		
7	200 pairs cable	10.00	Metre		
8	Supplying and Fixing of following pair main <b>telephone lockable type DB</b> outdoor/ indoor type complete with 2 mm thick C.R.C.A Sheet powder coating etc. on wall / floor with required Angle stand 35 X 35 X 5, nut bolts/ fixing arrangements as required complete.				
8	10/20/30 pair telephone DB indoor type (Panel Size-14 X 10 X 20 mm)	1.00	Nos.		
9	100 pair telephone DB out door type (Panel Size-32 X 25 X 45 mm)	1.00	Nos.		
9	Providing and making telephone cable straight through joint with all jointing materials including locating fault for following pair telephone cable as required complete.				
10	10/20 pairs cable joint kit (SLT-2)	4.00	Nos.		
10	200 pairs cable joint kit (SLT-7)	1.00	Nos.		
11	Identification, termination, connecting and commissioning of telephone cable up to 600 pairs at telephone DB as reqd complete.	350.00	Pair		
11	Digging trench for taking out cable upto 400 Sq.mm. and refilling , watering ,ramming the same after taking out cable as reqd complete.	20.00	Metre		

12	Providing and fixing casing and capping in place of defective and damaged wood batten including dismantling of batten and wire & relaying of wires as required complete.				
13	20 x 12 mm	40.00	Mtr.		
	Sub Total				
	Add_GST@				
	Total				

*SRK*

**Dean of Infrastructure & Planning**