

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 72/Elect./2018****SCHEDULE OF QUANTITY****Name of Work: Replacement of faulty cable on new route for Mechanical Engineering Extension Building at IIT Kanpur.****Name of the Contractor**

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying & Laying of one no. PVC insulated & PVC sheathed aluminium conductor steel armoured cable of size 3-1/2 X 400 sq. mm 1.1kV grade .				
a	In ground i/c excavation sand cushioning protective covering, refilling of erath as reqd.	160.00	Mtr.		
b	Additional in ground in the same trench in one tier horizontal formation i/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	100.00	Mtr.		
c	In pipe	10.00	Mtr.		
d	In open duct	210.00	Mtr.		
2	Supplying and making straight through joint with cast resin compound and aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium cable of 1.1kV grade as reqd.				
a	3-1/2 X 400 sqmm	4.00	Nos.		
3	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	100 mm	10.00	Mtr.		
4	Digging cable trench, lifting bricks & cable for locating fault. Refilling the trench, ramming & making good the same as reqd.	20.00	Mtr.		
5	Lifting & removing cable of following sizes from trenches or clamped on surface, making rol depositing the same in the store I/c cartage etc as reqd.				
a	Above 185 sqmm to 400 sqmm	200.00	Mtr.		
	Total Rs.				