

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 08 /IWD/ED/27****SCHEDULE OF QUANTITY**

Name of work: Replacement of defective damaged part of cable from library to SS#4 and Media centre to feeder pillar No. 4 and other associated works.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying & Laying of one no. XLPE cable aluminium conductor steel armoured cable of size 3-1/2 x 185sqmm, grade 1.1kV in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	105.00	Mtr.		
b)	In existing Pipe	10.00	Mtr.		
c)	In existing open duct	115.00	Mtr.		
2	Supplying & Laying of one no. XLPE cable aluminium conductor steel armoured cable of size 3-1/2 x 150sqmm, grade 1.1kV in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	145.00	Mtr.		
b)	In existing open duct	10.00	Mtr.		
3	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	3-1/2x150 sqmm	2.00	Set		
b)	3-1/2x185 sqmm	1.00	Set		
4	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1kV grade as reqd.				
a)	3-1/2x150 sqmm(50mm)	2.00	Set		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
b)	3-1/2x185 sqmm(57mm)	1.00	Set		
5	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)	80mm dia	10.00	Mtr.		
6	Locating fault in the cable lines with fault Locating machine etc and rectifying removing & restoring the same and making good the damages etc as required.	2.00	Nos.		
7	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade in the existing masonry open duct as reqd.				
a)	95 sqmm to 185 sqmm	100.00	Mtr.		
b)	185 sqmm to 400 sqmm	50.00	Mtr.		
8	Digging cable trench/lifting brick/s and cable for locating fault and refilling the trench, ramming & making good the same as reqd.	30.00	Mtr.		
	Total Rs.				