

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 79/IWD/ED/494

SCHEDULE OF QUANTITY

Name of Work: Replacement of faulty part of cable feeding SBRA AA block from Substation No. 5.

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 400sqmm, grade 1.1kV in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	20.00	Mtr.		
b)	Additional direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.	20.00	Mtr.		
c)	In existing Pipe	40.00	Mtr.		
d)	In existing open duct	10.00	Mtr.		
e)	Fixing on surface with MS clamp	5.00	Mtr.		
2	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)	3-1/2x400 sqmm(82mm)	2.00	Set		
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)	3½ X 95 sq. mm	2.00	Nos.		
b)	3-1/2x400 sqmm	2.00	Nos.		
4	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)	100mm dia	12.00	Mtr.		
5	Digging trench for taking out cable upto 400 Sq.mm. and refilling , watering ,ramming the same after taking out cable as reqd complete.	10.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Lifting removing cable from trench/clamps, making role & depositing the same in store I/c cartage.				
a)	185 to 400sq.mm	60.00	Mtr.		
7	Locating fault in the cable lines with fault Locating matchine etc and rectifying removing & restoring the same and making good the damages etc as required.	3.00	Nos.		
	Total Rs.				