

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 17/IWD/ED/46****SCHEDULE OF QUANTITY**

Name of work: Replacement of damaged DG power cable going from DG House No. 4 to Science Block 216.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	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	3½ X 95 sq. mm (45mm)	2.00	Set		
2	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	1.00	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	80 mm dia	40.00	Mtr.		
4	Supplying and laying of one No. PVC insulated & PVC sheathed , XLPE power cables (heavy duty) aluminium conductor, steel armoured cable of size 3.5 x 95sqmm, 1.1kV grade as per IS:7098 (Part-1) as reqd complete in following manners.				
a	Laying direct in ground	450.00	Mtr.		
b	Laying direct in pipe	40.00	Mtr.		
c	Laying direct in open duct	50.00	Mtr.		
d	In surface	70.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
5	Lifting removing cable exceeding 35sq.mm. but not exceeding 95sq.mm. size from trench/clamps, making roll & depositing the same in store l/c cartage.	100.00	Mtr.		
6	Locating fault in the cable lines with fault locator and meggering etc and rectifying removing & restoring the same and making good the damages etc as required.	1.00	Nos		
Total Rs.					