

INDIAN INSTITUTE OF TECHNOLOGY KANPUR**Tender Notice No. 149/IWD/ED/632****SCHEDULE OF QUANTITY****Name of Work: Repairing of damaged second source cable going from substation No. 4 to IME Building.**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
a	Above 185 sq. mm and upto 400 sq. mm	60.00	Mtr		
2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following sizedirect in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
a	Above 185 sq. mm and upto 400 sq. mm	60.00	Mtr		
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
a	Above 185 sq. mm and upto 400 sq. mm	20.00	Mtr		
4	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.				
a	Above 185 sq. mm and upto 400 sq. mm	40.00	Mtr		
5	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	50.00	Mtr		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	3.00	Each		
7	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
a	3½ X 300 sq. mm (70mm)	2.00	Nos		
8	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 300 sq. mm	2.00	Nos		
9	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 dia	20.00	Mtr		
10	Digging cable trench for taking out cable and refilling , watering ,ramming the sameafter taking out cable as reqd complete.	100.00	Mtr		
11	Supplying of one No. PVC insulated & PVC sheathed / XLPE power cables size 3½ X 300 sq. mm (heavy duty) aluminium conductor, steel armoured cable of 1.1kV grade as per IS:7098 (Part-I) as reqd complete in following manners.	230.00	Mtr		
	Total Rs.				