

INDIAN INSTITUTE OF TECHNOLOGY KANPUR



Tender Notice No. 89/Elect/2020

SCHEDULE OF QUANTITY

Name of Work: Providing main power supply from substation No.7 to proposed Aero Engineering building construction by CPWD at IIT Kanpur.

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 185 sq. mm and upto 400 sq. mmincluding excavation, sand cushioning, protective covering and refilling the trench etc as required.				
a	Direct in gound	150.00	Mtr		
b	In additional	650.00	Mtr		
c	In pipe	100.00	Mtr		
d	In open duct	100.00	Mtr		
e	In surface	50.00	Mtr		
2	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.	5.00	Each		
3	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 mgrade as required.				
a	3½ X 400 sq. mm (82mm)	16.00	Nos		
4	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 400 sq. mm	2.00	Nos		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
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	80 mm dia	100.00	Mtr		
b	100 mm dia	120.00	Mtr		
6	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required.				
a	100 mm dia	60.00	Mtr		
b	150 mm dia	40.00	Mtr		
7	Supplying of one No. PVC insulated & PVC sheathed / XLPE power cables size 3½ X 400 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.	1050.00	Mtr		
	Total Rs.				