

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**



**Tender Notice No. 24/Elect/2020**

**SCHEDULE OF QUANTITY**

**Name of Work: Replacement of damaged Main/ DG power cable of Nano Science Building, feeding from DG House No. 4**

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	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 185 sq. mm (57mm)	2.00	Nos.		
2	Supplying and making straight through joint with cast resin compound 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 185 sq. mm	2.00	Each		
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	45.00	Mtr.		
4	Supplying and laying of one No. PVC insulated & PVC sheathed / XLPE power cables of size 3.5 x 185sqmm (heavy duty) aluminium conductor, steel armoured cable of 1.1kV grade as per IS:7098 (Part-I) as reqd complete in following manners.				
a	Laying charges direct in ground	400.00	Mtr.		
b	Laying charges direct in pipe	50.00	Mtr.		
c	Laying charges direct in open duct	50.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
d	Laying charges on surface	50.00	Mtr.		
5	Dismantling and refixing brass compression type gland up to 185 sq. mm. cable	2.00	Nos.		
6	Locating fault in the cable lines with meggar etc and rectifying removing & restoring the same and making good the damages etc as required.	1.00	Nos.		
7	Digging trench for taking out cable and refilling , watering ,ramming the same after taking out cable as reqd complete.	200.00	Mtr.		
8	Fixing & connecting 1 or 3 phase temporary service connection from supply source to the desired place for lead of 50 mtr and dismantling the same from the source I/c cartage to & fro from store (extension board & cable/wire will be supplied by the dept.)	1.00	Nos.		
	<b>Total Rs.</b>				