

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 132/IWD/ED/755****SCHEDULE OF QUANTITY**

Name of work: Shifting of feeder pillar No. 45A, cable and other associated work at Type-V are for proposed construction of Type-3 multistoried building.

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 25sqmm, grade 1.1kV in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	60.00	Mtr.		
b)	In existing open duct	5.00	Mtr.		
2	Supplying & Laying of one no. XLPE cable aluminium conductor steel armoured cable of size 3-1/2 x 240sqmm, grade 1.1kV in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	10.00	Mtr.		
3	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.				
a)	185 sqmm to 400 sqmm	130.00	Mtr.		
4	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade in the existing RCC/Hume/Stoneware/Metal pipe as reqd.				
a)	185 sqmm to 400 sqmm	20.00	Mtr.		
5	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade in the existing masonry open duct as reqd.				
a)	185 sqmm to 400 sqmm	10.00	Mtr.		
6	Lifting removing cable from trench/clamps, making role & depositing the same in store I/c cartage.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a)	185 to 400sq.mm	180.00	Mtr.		
7	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)	3-1/2x25 sqmm	2.00	Set		
b)	3-1/2x240 sqmm(62mm)	2.00	Set		
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)	3-1/2x25 sqmm	1.00	Set		
b)	3-1/2x240 sqmm	1.00	Set		
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)	80mm dia	20.00	Mtr.		
10	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2.00	Nos.		
11	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	10.00	Mtr.		
12	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels	0.25	Cum		
13	Providing 15 mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	2.00	Sq.mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
	Total Rs.				