

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR****Tender Notice No. 117 /IWD/ED/638****SCHEDULE OF QUANTITY**

Name of work: Shifting of power cables coming in the footprint of upcoming building of Centre for Engineering in Medicine.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supply & laying of one no. PVC insulated and PVC sheathed aluminium conductor steel armoured cable of size 3-1/2 x 300 Sqmm grade 1.1 kV as reqd.				
a	In ground i/c excavation sand cushioning protective covering, refilling of earth as reqd.	145.00	Mtr.		
b	In existing pipe	6.00	Mtr.		
c	In existing open duct.	4.00	Mtr.		
2	Supplying and making straight through joint with cast resin compound and aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium cable of 1.1kV grade as reqd.				
a	3-1/2x 300 sqmm	3.00	Nos.		
3	Supplying and making end termination with brass compression gland with aluminium lugs for following size of PVC insulated & PVC sheathed/XLPE aluminium cable of 1.1kV grade as reqd.				
a	3-1/2x 300 sqmm	1.00	Nos.		
4	Digging cable trench, lifting bricks & cable for locating fault. Refilling the trench, remaining & making good the same as reqd.	200.00	Mtr.		
5	Lifting & removing cable of following sizes from trenches or clamped on surface, making roll depositing the same in the store I/c cartage etc as reqd.				
a	Up to 35 sqmm	50.00	Mtr.		
b	Above 185 sqmm to 400 sqmm	200.00	Mtr.		
6	Laying of one no. PVC insulated, PVC sheathed/XLPE power cable of 1.1kV grade of size Above Above 95 sq. mm and upto 185 sq. mm				
a	Direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	190.00	Mtr.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
b	In pipe	10.00	Mtr.		
7	S & L following size of GI pipe in ground after digging the trench & refilling the same ramming the loose soil and making good the same as reqd.				
a	80 mm	24.00	Mtr.		
8	Locating fault in the cable lines with megger etc. and rectifying moving & restoring supply the same & making good the damages etc as reqd.	2.00	Nos.		
	Total Rs.				