

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 113/IWD/ED/606

SCHEDULE OF QUANTITY

Name of work: Supply and laying 33 KV cable from G5 feeder to our isolator at 33 KV yard and other associated work.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and laying of one number PVC insulated and PVC sheathed XLPE power cable 33 kV grade of 3C x 300 size. as reqd complete in following manners.				
a)	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	40.00	Mtr.		
b)	In existing Pipe	10.00	Mtr.		
c)	In existing open duct	10.00	Mtr.		
2	Supply and laying of HDPE pipe ISI mark of 32 mm size outer dia, minimum 2mm thick I/c cartage loading & unloading etc. as reqd.				
a)	Laying charges in open duct	50.00	Mtr.		
3	Supply and laying of one no. PVC insulated and PVC sheathed XLPE copper conductor round wire armoured controle cable of 1.1 kV grade of following size and core Fixing on surface with MS clamp.				
a)	4X10 sq.mm.	180.00	Mtr.		
b)	4X1.5 sq.mm.	70.00	Mtr.		
c)	2X1.5 sq.mm.	70.00	Mtr.		
4	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)	up to 2 X 6 sq. mm	8.00	Mtr.		
b)	up to 4 X 10 sq. mm	8.00	Mtr.		
5	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of 33 KV grade as required :				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a)	300 sq. mm	2.00	Nos.		
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
a)	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	250.00	Kg		
	Total Rs.				