

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 71 /IWD/ED/447

SCHEDULE OF QUANTITY

Name of Work: Replacement of defective and damaged cable feeding at H.No. 481, 476, 4061, 471, F 11-U23, U 11-F8 & F3U-6 etc and other associated works.

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 2x25sqmm, grade 1.1kV in following manners.				
a	In Ground I/c excavation, sand cushioning protective covering, refilling of earth as reqd.	237.00	Mtr.		
b	In existing Pipe	46.00	Mtr.		
c	In existing open duct	10.00	Mtr.		
d	Fixing on surface with MS clamp	55.00	Mtr.		
2	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	2x25 sqmm (22mm)	8.00	Set		
3	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	3 x 4 sq. mm	130.00	Nos.		
4	Supply and laying of HDPE pipe ISI mark of 40 Sq.mm size outer dia, minimum 2mm thick I/c cartage loading & unloading etc. as reqd.				
a	Laying charges for in ground I/c excavation, sand cushioning, protective covering and refixing the trench etc as reqd	135.00	Mtr.		
b	Laying charges In Pipe	10.00	Mtr.		
c	Laying charges in open duct	2.00	Mtr.		
d	Laying charges On Surface	62.00	Mtr.		
5	Fixing & connecting 1/3 ph temporary service connection from supply source to desired place up to the lead of 50 Mtr. And dismantling the same form source i/c to & fro cartage. (extension board and cable will be supplied by the dept.)	5.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
6	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Single pole	10.00	Nos.		
b	Single pole and neutral	1.00	Nos.		
7	Supplying and fixing 40 amps to 63 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Triple pole and neutral	1.00	Nos.		
8	Digging cable trench, lifting brick & cable for locating fault and relaying the cable i/c refilling the trench, extra sand if required shall be i/c in the item of following size. as required.				
a	Up to 35 Sq.mm.	35.00	Mtr.		
9	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
a	Upto 35 sq. mm	380.00	Mtr.		
10	Dismantling & refixing brass compression type cable gland upto 50 sq.mm cable.	7.00	Nos.		
11	Dismantling & refixing fo the old 3 mtr. G.I. pipe of pole from open duct/ surface and making good the damages etc as reqd.	10.00	Nos.		
12	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/ raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	530.00	Mtr.		
13	Fabricating, supplying & fixing of box of required size made out of 2mm thick CRCA sheet duly powder coated & openable from top - bottom or front as required & fixing the same complete as required.	1.00	Kg		
14	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				
a	50mm dia	41.00	Mtr.		

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