

INDIAN INSTITUTE OF TECHNOLOGY KANPUR					
Tender Notice No. 66/IWD/ED/330					
SCHEDULE OF QUANTITY					
Name of work: Replacement of defective cable alongwith providing dedicated earthing in WL-215C.					
Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as reqd.				
a	2 X 25 Sq.mm	25.00	Mtr		
2	Earthing with GI earth electrode 50mm dia x 3 mtr length including earth enhancing compound (Jam Fill quality product) and PIT cover for earthing pit etc as reqd. (193GI JMV)	4.00	Set		
3	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	40.00	Mtr		
4	Supply & laying of one no. PVC insulated and PVC sheathed aluminium conductor steel armoured cable of size 3-1/2 x 95 Sqmm grade 1.1 kV as reqd.				
a	Fixing on surface with MS clamp	160.00	Mtr.		
b	In existing open duct.	10.00	Mtr.		
5	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 95 sqmm	2.00	Nos.		
6	Providing and fixing following rating and breaking capacity four pole 415V 50Hz MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc as required.				
a	125 Amp, 25 KA	1.00	Nos.		
7	S&F connecting and commissioning independent mounting of MCCB enclosure suitable upto 200 amp MCCB as per approved make in surface/recess I/c cutting the wall and making good the same in case of recessed as per approved make etc as reqd.	1.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
8	Supply & Laying of 32 mm (8Kg / cm ²) HDPE pipe ISI mark of 2mm thick I/c cartage loading & unloading etc. as reqd.				
a	Fixing on surface with MS clamp	40.00	Mtr.		
	Total Rs.				