

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/30-04-2024-02

N/W Providing and making input and output connection for 82.5 kVA DG set kept at MFCEM building at IITK

SL No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supplying and laying of one no. 3.5 x 120.0 sqmm PVC insulated, XLPE steel armoured aluminium conductor power cable of grade 1.1 kV as required complete in following manners.				
2	in open duct	85.00	Meter		
3	On Surface	15.00	Meter		
4	Chemical Earthing with Copper bonded rod of copper coating of 250 microns of dia 25 mm, length 3 Mtr with clamp, including earth enhancement material and RCC precast Pit cover and earthing pit etc as reqd. complete.	2.00	No.		
5	Chemical Earthing with GI earth electrode 50 mm dia x 3 Mtr length with full GI strip including earth enhancing compound and RCC precast PIT cover and earthing pit etc as reqd.	2.00	No.		
6	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	25.00	Meter		
7	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	25.00	Meter		

8	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.				
9	3½ X 70 sq. mm (38mm)	2.00	No.		
10	3½ X 120 sq. mm (45mm)	6.00	No.		
	Sub-Total				
	Add GST@				
	Total				



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