

Central Mechanical Engineering Research Institute, Durgapur
Electrical Engineering Services Group

Name of the work : Supply and laying of power cable for 25 Qtr and solar energy park.

S.No.	Description	Qty.	Unit	Rate (Rs)	Amount (Rs)
1	Supply of 1.1 KV grade XLPE insulated, PVC sheathed, Aluminium conductor armoured power cables conforming to IS 7098 (Part - 1) 1988 and ISI marked of following sizes. 3.5c x 70 sq mm cable.	275	Metre		
2	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. Above 35 sq. mm and upto 95 sq. mm	275	Metre		
3	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)	3½ X 70 sq. mm (38mm)	4	Each		
4	Supplying and fixing of 415 V, 63 Amp, 'C' curv-10 KA, TP MCB, in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Each		

Total Rs.



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Make of Electrical material

S.No.	Item	Make
1	1.1 KV grade XLPE insulated, PVC seathed, Gloster/polycab/equivalent Aluminium conductor armoured power cables	
2	MCB / MCCB / DB / MCB encloser :-	Legrand /L&T/ Hagger/equivalent

H/M