

Name of the work :Repair and Maintenance work for the cable laid in 100 kWp ground mounted solar
Solar PV plant of the solar park CMERI(Institute)

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	PVC copper flexible wire:-	Finolux / Polycab / Bonton / RR Kable/equivalent



Central Mechanical Engineering Research Institute, Durgapur
Engineering Service Division (Electrical)

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S.No.	Description	Qty.	Unit	Rate (Rs)	Amount (Rs)
1	Supply of 1.1 KV grade XLPE insulated, PVC sheathed, Copper conductor armoured power cables conforming to IS 7098 (Part - 1) 1988 and ISI marked of following sizes.				
	4 X 10 sq mm Copper cable.	45	Mtr		
2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as excluding sand but protected device.Upto 35 sq mm	42	Mtr		
3	Supply & making end termination with brass compressor gland and aluminium lugs and other materials for following sizes of 1.1 KV PVC insulated Copper conductor armoured cables to the equipment complete as required.				
	4 X 10 sq. mm (25mm	8	each		

Total

