



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

Name of the work : Shifting of incomer power cable of old gas dynamic shed for extension of -  
south side of MCV shed, CSIR-CMERI Durgapur.

**Make of Electrical material**

S.No.	Item	Make
1	1.1 KV grade XLPE insulated, PVC seathed, Gloster/polycab/Mescab/equivalent Aluminium conductor armoured power cables	
2	Heat shrinkable straight through jointing kit	3M / Raychem/equivalent
3	GI Pipe	Tata/Jindal/equivalent



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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.				
a)	3.5 x 240 sq mm A2XFY cable.	50	Mtr		
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.				
a)	Above 185 sq. mm and upto 400 sq. mm	50	Metre		
3	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
a)	3½ X 240 sq. mm	2	Each		
4	Digging of hole bellow the metal road by jack push method and providing 80mm dia medium GI pipe (including supply of GI pipe).	5	Metre		

**Total Rs.**