

Scope of work

Name of work: Power Cable diversion work for overcoming the electromagnetic field in Room No.: 24,26.

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs.)
1	Supplying of following size PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.				
a)	3.5 X 150 sq.mm. multistrand aluminium cable.	85	Meter		
b)	3.5 X 240 sq.mm. multistrand aluminium cable.	110	Meter		
c)	3.5 X 400 sq.mm. multistrand aluminium cable.	270	Meter		
	Make : Polycab,Gloster,KEI, Havells.				
2	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.				
a)	Above 95 sq.mm.and upto 185 sq.mm.(clamped with 25/40X 3 mm MS flat clamp.)	23	Meter		
b)	Above 185 sq.mm.and upto 400 sq.mm.(clamped with 40 X 3 mm MS flat clamp.)	230	Meter		
3	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 and refilling the trench etc as required,but excluding sand cushioning and protective covering.				
a)	Above 95 sq.mm.and upto 185 sq.mm.	62	Meter		
b)	Above 185 sq.mm.and upto 400 sq.mm.	150	Meter		
4	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)	3.5 X 150 sq.mm. multistrand aluminium cable.	1	Nos.		
b)	3.5 X 240 sq.mm. multistrand aluminium cable.	2	Nos.		
c)	3.5 X 400 sq.mm. multistrand aluminium cable.	5	Nos.		

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs.)
5	Supplying and laying of following DWC HDPE pipe ISI marked along with all accessories like socket,bend,couplers etc.conforming to IS 14930,part II complete with fitting and cutting, jointing etc. in the existing trench,complete as required.				
a)	160 mm dia (OD - 160 mm & ID - 135 mm nominal)	220	Meter		
6	Supplying and fixing of MS perforated cable tray with hot dipped galvanized 225 X 50 X 1.6 mm.	110	Meter		
7	Supplying and fixing of MS perforated cable tray with hot dipped galvanized 150 X 50 X 1.6 mm.	80	Meter		
8	Supplying and fixing of MS perforated hot dipped galvanised cable tray bend 225 X 50 X 1.6 mm.	14	Nos.		
9	Supplying and fixing of MS perforated hot dipped galvanised cable tray bend 150 X 50 X 1.6 mm.	6	Nos.		
10	Supplying and fixing of 50 mm X 50 mm X 6 mm angle iron bracket, (average length 2 ft.) on wall surface with fastnut and/or drilling the wall with making good the same, as required. (this job includes making of scaffolding upto 10 meter hight)	210	Nos		
11	Filling of cable trench by supplying of silver sand	5	Cubic meter		
12	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathead/XLPE aluminim conductor cable of 1.1KV grade, as required.				
a)	3.5 core 150 Sq.mm	1	Each		
b)	3.5 core 400 Sq.mm	1	Each		
13	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/recessd conduit/submain wiring/cable as required.	930	Meter		
14	providing and fixing 25 X 5 mm GI strip on surface or in recess for connections etc, as required.	60	Meter		
				Total	
(Rupees.....only)					
NOTE:The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@.....6...% considered in the above BOQ				
	SGST@.....6...%Considered in the above BOQ				