

**SCHEDULE OF QUANTITY**

Name of work: Replacement of damaged cable of old feeder pillars in Type-II and ACES Type-IV area and other associated works.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a	8 way (4 + 24), Double door	1.00	Each		
2	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
a	100 A,30KA,FPMCCB	1.00	Each		
3	Earthing with G.I earth pipe 4.5 mtr long. 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	2.00	Set		
4	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	10.00	Mtr.		
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable/ HDPE pipe of 1.1 KV grade of following size Upto 35 sq. mm including excavation, sand cushioning, protective covering and refilling the trench etc as required.				

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
a	direct in ground	60.00	Mtr		
b	In pipe	20.00	Mtr		
c	In Open duct	10.00	Mtr		
d	in surface	30.00	Mtr		
6	Laying of one number PVC insulated and PVC sheathed / XLPE power cable/ HDPE pipe of 1.1 KV grade of following size 35 sq. mm and upto 95 sq. mm including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
a	Direct in ground	113.00	Mtr		
b	In pipe	5.00	Mtr		
c	In Open duct	2.00	Mtr		
7	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	2 X 25 sq. mm (22mm)	4.00	Each		
b	3½ X 95 sq. mm (45mm)	2.00	Each		
8	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required				
a)	40 mm dia	20.00	Mtr.		
b	50 mm dia	5.00	Mtr.		
9	S/F, copper cable lug suitable for following size of conductor.				
a	16 sqmm	6.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
b	25 sqmm	6.00	Nos.		
10	Supplying and drawing of following sizes of FR-LSH PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	2x25 sqmm	1.00	Mtr		
b	3x16 sqmm	1.00	Mtr		
11	Supplying of one no. XLPE cable aluminium conductor steel armoured cable of size 2x25sqmm, grade 1.1kV in following manners.	120.00	Mtr.		
12	Supplying of one no. XLPE cable aluminium conductor steel armoured cable of size 3½ X 95 sqmm, grade 1.1kV in following manners.	120.00	Mtr.		
13	Fabrication, supplying & fixing of box of required size made out of 2mm thick CRCA sheet duly powder coated & openable from top-bottom or front required & fixing the same complete as required.	5.00	Kg		
14	S & F, connecting and commissioning of ChangeOver Switch 4 pole 100Amp On load Changeover load break switch with handle assembly having Door Interlock and Padlocking arrangement etc. as reqd.	1.00	Nos.		
15	Supplying and fixing 40 A to 63 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a	Single pole	10.00	Nos.		
b	Triple pole	8.00	Nos.		

S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
16	Dismantling damaged switch/DB/KWH meter/ all type fitting / ceiling fan / Exhaust fan/ Wall Fan / pole fuse box/TPN switches metal helide box with MCB/Pole fuse box and depositing in the section store.	5.00	Nos.		
17	Dismantling and refixing brass compression type gland up to 400 sq. mm. cable	5.00	Nos.		
	Total Rs.				