

ANNEXURE - 14

Cost Analysis of One Kilometer of L.T. Single & 3-Phase Line on P.C.C. Pole

S.No	Particulars	Unit	Rate (Rs.)	L.T. 3-Phase		L.T. 1- Phase	
				Qty.	Amt. (Rs.)	Qty.	Amt. (Rs.)
1	2	3	4	5	6	7	8
1	P.C.C. Pole 8.5 Metre.	No.	2721	25	68025	25	68025
2	Stone Pad 300×300×75 mm	No.	140	25	3500	25	3500
3	L.T. Clamp with bolt & Nut	No.	304	75	22800	50	15200
4	Earth wire clamp	No.	304	25	7600	25	7600
5	L.T. Shackle insulator	No.	36	75	2700	50	1800
6	Bolt & Nut for Shackle insulator	Kg.	194	30	5820	20	3880
7	Loop guard complete 3-Phase	No.	46	50	2300		
8	Loop guard complete 1-Phase	No.	35			50	1750
9	Phase wire ACSR Dog	Km.	79004	3.09	244122	1.03	81374
10	Neutral cum earth wire	Kg.	142	157	22294	157	22294
11	Aluminium binding wire	Kg.	247	8	1976	4	988
12	Jointing sleeve for ACSR Dog	No.	103	3	309	1	103
13	Spacer L.T. P.V.C.	No.	89	75	6675	50	4450
14	Extra for stay at angle Location	No.	1961	8	15688	8	15688
15	Concreting of support	No.	856	25	21400	25	21400
16	Earthing complete	No.	838	8	6704	8	6704
17	Concreting of Stay	No.	379	8	3032	8	3032
	Sub Total				434945		257788
18	Labour & overhead charges			L.S.	130484	L.S.	77336
	Total				565429		335124
Cost of 3-Phase L.T. Line per meter		$565428.5 \times 0.001 = 565.429$		Say Rs.		570	
Cost of 1-Phase L.T. Line per meter		$335124 \times 0.001 = 335.124$		Say Rs.		340	

