

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 Mtr.	No.	3012	25	75300	25	75300
2	Stone Pad 300×300×75 mm	No.	135	25	3375	25	3375
3	Clamp with bolt & Nut	No.	257	75	19275	50	12850
4	Earth wire clamp with bolt & Nut	No.	257	25	6425	25	6425
5	L.T. Shackle insulator	No.	53	75	3975	50	2650
6	Bolt & Nut for Shackle insulator	Kg.	148	30	4440	20	2960
7	Loop guard complete 3-Phase	No.	183	50	9150		
8	Loop guard complete 1-Phase	No.	47			50	2350
9	Phase wire ACSR Dog	Km.	126048	3.09	389488	1.03	129829
10	Neutral cum earth wire	Kg.	95	157	14915	157	14915
11	Aluminium binding wire	Kg.	342	8	2736	4	1368
12	Jointing sleeve for ACSR Dog	No.	232	3	696	1	232
13	Spacer L.T. P.V.C.	No.	145	75	10875	50	7250
14	Extra for stay at angle Location	No.	2157	8	17256	8	17256
15	Concreting of support	No.	942	25	23550	25	23550
16	Earthing complete	No.	664	8	5312	8	5312
17	Concreting of Stay	No.	417	8	3336	8	3336
	Sub Total				590104		308958
18	Labour & overhead charges			L.S.	177031	L.S.	92687
	Total				767135		401645

Cost of 3-Phase L.T. Line per meter = $767135 \times 0.001 = 767$ Say Rs. 770
 Cost of 1-Phase L.T. Line per meter = $401645 \times 0.001 = 402$ Say Rs. 400

by .

m