

Cost estimate-Power supply and Traction System (E-W Corridor)

Figures in Rs. Crores

S. No.	item	Qty,	Unit	Unit rate	Total cost (W/o taxes & duties)	Taxes & duties				
						Custom duty @44.7%	Excise duty@16%	Salex Tax@4%	Works contract tax @4%	Total of Taxes & duties
1	Service connection charges (66kV bays)									
	NGEF S/S (2X66kv bays) for Baippanahalli RSS	2	No.	0.77	1.54	0.00	0.00	0.00	0.00	0.00
	REMCO S/S (2X66kv bays) for Mysore road RSS	2	No.	0.77	1.54	0.00	0.00	0.00	0.00	0.00
2	66kV cables (3 phase single circuit									
	From NGF S/S to Baiyyappahalli	2	Km.	0.76	1.52	0.00	0.16	0.04	0.06	0.26
	From REMCO S/S to Mysore Road	2	Km.	0.76	1.52	0.00	0.16	0.04	0.06	0.26
3	Baiyyappahalli RSS	1	No.	7.99	7.99	0.06	0.79	0.23	0.32	1.40
4	Mysore road RSS	1	No.	7.14	7.14	0.06	0.71	0.21	0.29	1.26
5	Traction Sub-stations (TSS)	10	No.	4.76	47.64	8.84	1.70	0.49	1.91	12.93
6	ASS for elevated stations	14	No.	1.35	18.86	0.56	1.72	0.50	0.75	3.54
7	ASS for underground stations and depot	5	No.	1.81	9.06	0.20	0.85	0.25	0.36	1.66
8	33kV cables (Ring main & feeder cables	40	Km.	0.52	20.80	0.00	2.12	0.62	0.83	3.57
9	750V dc Third Rail									
	Composite Third rail for main lines	36	TKM	0.84	30.35	8.65	0.00	0.00	1.21	9.86
	Steel Third rail for depot	15	TKM	0.55	8.22	0.00	0.84	0.24	0.33	1.41
10	Stray current protection and earthing and bonding	1	LS	7.71	7.71	0.00	0.77	0.22	0.31	1.30
11	SCADA System	1	LS	5.33	5.33	0.76	0.27	0.08	0.21	1.32
12	Necessary spares, tools , fault diagnosis equip etc.	1	set	1.00	1.00	0.14	0.05	0.01	0.04	0.25
	Grand Total				170.22	19.27	10.13	2.94	6.69	39.03

Cost estimate-Power supply and Traction System (N-S Corridor)

Figures in Rs. Crores

S. No.	item	Qty,	Unit	Unit rate	Total cost (W/o taxes & duties)	Taxes & duties				
						Custom duty @44.7%	Excise duty@16%	Salex Tax@4%	Works contract tax @4%	Total of Taxes & duties
1	Service connection charges (66kv bays)									
	Peenya SRS S/S (2X66kv bays) for Yeshwantpur RSS	2	No.	0.77	1.54	0.00	0.00	0.00	0.00	0.00
	Sarakki S/S (2X66kv bays) for R.V. road RSS	2	No.	0.77	1.54	0.00	0.00	0.00	0.00	0.00
2	66kV cables (3 phase single circuit									
	From Peenya SRS S/S for Yeshwantpur RSS	8	Km.	0.76	6.08	0.00	0.62	0.18	0.24	1.04
	From Sarakki S/S for R.V. road RSS	4	Km.	0.76	3.04	0.00	0.31	0.09	0.12	0.52
3	Yeshwantpur RSS	1	No.	7.99	7.99	0.00	0.77	0.22	0.32	1.32
4	R.V. Road RSS	1	No.	5.94	5.94	0.00	0.57	0.16	0.24	0.97
5	Traction Sub-stations (TSS)	8	No.	4.76	38.11	7.07	1.36	0.39	1.52	10.35
6	ASS for elevated stations	11	No.	1.35	14.82	0.44	1.35	0.39	0.59	2.78
7	ASS for underground stations and depot	4	No.	1.81	7.25	0.00	0.74	0.18	0.29	1.21
8	33kV cables (Ring main, feeder & interconnection cables	32	Km.	0.52	16.64	0.00	1.70	0.49	0.67	2.86
9	750V dc Third Rail									
	Composite Third rail for main lines	32	TKM	0.84	26.98	7.69	0.00	0.00	1.08	8.77
	Steel Third rail for depot & interconnection line	10	TKM	0.55	5.48	0.00	0.56	0.16	0.22	0.94
10	Stray current protection and earthing and bonding	1	LS	6.75	6.75	0.00	0.67	0.19	0.27	1.13
11	SCADA System	1	LS	4.87	4.87	0.69	0.25	0.07	0.19	1.21
12	Necessary spares, tools , fault diagnosis equip etc.	1	set	1.00	1.00	0.14	0.05	0.01	0.04	0.25
	Grand Total				148.03	16.04	8.94	2.56	5.80	33.34

Figures in Rs. Lakhs

S.N	Item	Qty,	Unit	Unit rate	Total cost (W/o taxes & duties)	Taxes & duties					Remarks
						Custom duty @44.7%	Excise duty@ 16%	Salex Tax@4%	Works contract tax@4%	Total of Taxes & duties	
1	Escalator	1	No.	77.6	77.6	31.2	0.0	0.0	0.2	31.4	Rail Corridor rates
2	Lift	1	No.	15.0	15.0	0.0	1.5	0.4	0.6	2.6	Rail Corridor rates

Costs inbuilt in stations.