

**ABSTRACT OF COST (Transmission)
PRELIMINARY & GENERAL CIVIL WORKS**

Comprehensive Scheme For Strengthening Of Transmission & Distribution System in Arunachal Pradesh

Sr. No.	Line / Substation	Preliminary Works	Land and R&R Compensation	Crop Compensation	PTCC Compensation	Forest Compensation	Compensation towards Tower Footing & Land Corridor	Civil works			Total
								Infrastructure (Not incl. in S/s package)	Non Residential Building	Colony	
A.	Transmission Lines										
1.0	132 kV S/C on D/C Tower Likabali-Niglok			193.33	43.96	1998.00	1494.78				3730.06
2.0	132kV S/C on D/C Tower Pasighat Old-Mariyang (at 33 kV)			232.93	53.24	2430.00	1800.94				4517.10
3.0	132 kV S/C on D/C Niglok-Pasighat New (Napit)			132.23	13.22	0.00	1022.42				1167.88
4.0	132 kV D/C Pasighat New (Napit) - Pasighat Old			87.25	8.72	0.00	674.58				770.55
5.0	132 kV S/C on D/C Tower Khupi - Seppa			166.38	39.93	1890.00	1286.38				3382.69
6.0	132 kV S/C on D/C Tower Seppa - Rilo			173.03	37.27	1620.00	1337.84				3168.14
7.0	132 kV S/C on D/C Tower Rilo - Seijosa			33.28	26.62	1890.00	257.28				2207.17
8.0	132 kV S/C on D/C Tower Seppa - Bameng			33.28	26.62	1890.00	257.28				2207.17
9.0	132 kV S/C on D/C Tower Sagali-Naharlagun			133.10	29.95	1350.00	1029.11				2542.16
10.0	132kV S/C on D/C Tower Naharlagun - Banderdewa			133.10	16.64	270.00	1029.11				1448.85
11.0	132 kV S/C on D/C Tower Chimpu (Itanagar) - Holongi			99.83	13.31	270.00	771.83				1154.97
12.0	132 kV S/C on D/C Tower Rilo - Sagali			266.20	43.26	1350.00	2058.22				3717.67
13.0	132 kV S/C on D/C Tower Gerukamukh - Likabali			312.79	39.93	702.00	2418.40				3473.12
14.0	132 kV S/C on D/C Tower Naharlagun - Gerukamukh			399.30	59.90	1620.00	3087.32				5166.52
15.0	132 kV S/C on D/C Tower Ziro - Palin			232.93	33.28	810.00	1800.94				2877.14
16.0	132 kV D/C Ziro (PG) to Ziro (New)			10.85	1.33	19.98	83.87				116.03
17.0	132 kV S/C on D/C Tower Daporijo - Nacho (at 33kV)			332.75	56.57	1890.00	2572.77				4852.09
18.0	LILO of 132 kV S/C Daporijo - Along at Basar			30.81	3.33	19.98	238.24				292.36
19.0	132 kV S/C on D/C Tower Palin - Koloriang			332.75	49.91	1350.00	2572.77				4305.43
20.0	132 kV S/C on D/C Tower Along - Kambang			166.38	26.62	810.00	1286.38				2289.38
21.0	132 kV S/C on D/C Tower Kambamg - Mechuka (at 33kV)			399.30	86.52	3780.00	3087.32				7353.14
22.0	132 kV S/C Deomali-Khonsa			133.10	26.62	1080.00	1029.11				2268.83
23.0	132kV S/C Khonsa - Changlang			166.38	29.95	1080.00	1286.38				2562.71
24.0	132 kV S/C on D/C Tower Khonsa-Longding (at 33kV)			166.38	29.95	1080.00	1286.38				2562.71
25.0	132 kV S/C Changlang - Jairampur			313.05	39.93	699.84	2420.46				3473.28
26.0	132 kV Jairampur - Miao			99.83	26.62	1350.00	771.83				2248.28
27.0	132 kV S/C on D/C Tower Miao - Namsai (PG)			179.69	29.95	972.00	1389.30				2570.93
28.0	132 kV S/C on D/C Tower Roing - Dambuk			133.10	26.62	1080.00	1029.11				2268.83
29.0	132 kV S/C on D/C Tower Tezu - Halaipani			266.20	66.55	3240.00	2058.22				5630.97
30.0	132 kV S/C on D/C Tower Roing - Anini (at 33kV)			399.30	83.19	3510.00	3087.32				7079.81
31.0	132 kV S/C on D/C Tower Along - Yingkiong			332.75	66.55	2700.00	2572.77				5672.07
32.0	132 kV S/C on D/C Tower Yingkiong - Tuting (at 33kV)			399.30	83.19	3510.00	3087.32				7079.81
33.0	132kV S/C on D/C Tower Tawang - Lumla (at 33 kV)			166.38	26.62	810.00	1286.38				2289.38
34.0	132kV S/C (on D/C towers) Bomdila – Kalaktang			53.24	27.95	1836.00	463.47				2380.66
35.0	132kV S/C (on D/C towers) Khupi – Bomdila			66.55	34.61	2268.00	570.58				2939.74
36.0	132kV S/C (on D/C towers) Bomdila – Tawang			73.21	71.21	5184.00	709.58				6038.00
	Subtotal - A (Transmission Lines)	0.00	0.00	6850.19	1379.60	56359.80	53216.00	0.00	0.00	0.00	117805.59

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B.	DMS Lines										
1.0	33kV lines of Pkg ARP-DMS-01A			118.46	0.00	0.00	0.00				118.46
2.0	33kV lines of Pkg ARP-DMS-01B			246.90	0.00	326.68	0.00				573.58
3.0	33kV lines of Pkg ARP-DMS-02			111.14	0.00	3001.42	0.00				3112.56
4.0	33kV lines of Pkg ARP-DMS-03			123.78	0.00	1031.61	0.00				1155.40
5.0	33kV lines of Pkg ARP-DMS-04			186.34	0.00	5480.44	0.00				5666.78
6.0	33kV lines of Pkg ARP-DMS-05A			181.68	0.00	3520.38	0.00				3702.06
7.0	33kV lines of Pkg ARP-DMS-05B			146.41	0.00	2836.94	0.00				2983.35
8.0	33kV lines of Pkg ARP-DMS-05C			147.74	0.00	2862.73	0.00				3010.47
	Subtotal - B (DMS Lines)	0.00	0.00	1262.45	0.00	19060.20	0.00	0.00	0.00	0.00	20322.65
	Total (Lines)	0.00	0.00	8112.64	1379.60	75420.00	53216.00	0.00	0.00	0.00	138128.24
C.	EHV Substations										
1.0	132/33kV Niglok (New)		59.33						incl. in SS	544.72	604.05
2.0	132/33kV Pasighat (Napit) (New)		113.31						incl. in SS	544.72	658.03
3.0	132/33kV Likabali (New)		164.19						incl. in SS	544.72	708.91
4.0	132/33kV Basar (New)		167.78						incl. in SS	544.72	712.50
5.0	132/33kV Ziro (New)		252.51						incl. in SS	544.72	797.23
6.0	132/33kV Gerukamukh (New)		277.59						incl. in SS	544.72	822.31
7.0	132/33kV Seppa (New)		121.26						incl. in SS	544.72	665.98
8.0	132/33kV Riloh (New) at Pakke Kessang		234.87						incl. in SS	544.72	779.59
9.0	132/33kV Seijosa (New)		239.58						incl. in SS	544.72	784.30
10.0	132/33kV Bameng (New)		95.51						incl. in SS	544.72	640.23
11.0	132/33kV Naharlagun (New)		924.38						incl. in SS	544.72	1469.10
12.0	132/33kV Sagali (New)		230.66						incl. in SS	544.72	775.38
13.0	132/33kV Banderdewa (New)		239.58						incl. in SS	544.72	784.30
14.0	132/33kV Holongi (New)		294.64						incl. in SS	544.72	839.36
15.0	132/33kV Khonsa (New)		40.70						incl. in SS	544.72	585.42
16.0	132/33kV Changlang (New)		0.63						incl. in SS	544.72	545.35
17.0	132/33kV Jairampur (New)		70.86						incl. in SS	544.72	615.58
18.0	132/33kV Miao (New)		103.98						incl. in SS	544.72	648.70
19.0	132/33kV Halaipani (New)		296.01						incl. in SS	544.72	840.73
20.0	132/33kV Dambuk (New)		177.60						incl. in SS	544.72	722.32
21.0	132/33kV Palin (New)		266.41						incl. in SS	544.72	811.13
22.0	132/33kV Koloriang (New)		284.17						incl. in SS	544.72	828.89
23.0	132/33kV Kambang (New)		110.68						incl. in SS	544.72	655.40
24.0	132/33kV Yingkliong (New)		238.70						incl. in SS	544.72	783.42
25.0	132/33kV Bomdila (New)		290.76						incl. in SS	544.72	835.48
26.0	132/33kV Tawang (New)		310.15						incl. in SS	544.72	854.87
27.0	132/33kV Kalaktang (New)		215.19						incl. in SS	544.72	759.91
28.0	132/33kV Pasighat (Old) (Extn.)		2.66						0.00	0.00	2.66
	Subtotal - C (EHV Substations)	0.00	5823.67	0.00	0.00	0.00	0.00	0.00	0.00	14707.44	20531.11
	R&R Compensation for EHV Substations		1000.00								1000.00

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D.	DMS Substations										
1.0	All India Radio, Pasighat		0.00								0.00
2.0	Jeying		37.89								37.89
3.0	Likabali		0.00								0.00
4.0	Mebo		47.36								47.36
5.0	Napit		0.00								0.00
6.0	Nari		10.25								10.25
7.0	Ngopok		11.80								11.80
8.0	Oyan		12.81								12.81
9.0	Ruksin		15.66								15.66
10.0	Gensi		59.20								59.20
11.0	Gerukamukh (Kalaptukar)		0.00								0.00
12.0	Hapoli		84.83								84.83
13.0	Igo		42.34								42.34
14.0	Koyu		23.68								23.68
15.0	Raga		29.07								29.07
16.0	Tirbin		65.34								65.34
17.0	Yazali		23.68								23.68
18.0	Balemu		0.00								0.00
19.0	Bana		51.27								51.27
20.0	Khenwa		58.96								58.96
21.0	Pipu		80.81								80.81
22.0	Thriziono		47.92								47.92
23.0	Rilo (Pakke Ksang)		0.00								0.00
24.0	Seijosa		47.92								47.92
25.0	Klimtao (Bumla) (Y-junction)		47.92								47.92
26.0	Mukta		0.00								0.00
27.0	Thimbu		47.92								47.92
28.0	AP Secretariate		0.20								0.20
29.0	Raj Bhawan		0.13								0.13
30.0	Gohpur Tinali		0.27								0.27
31.0	Jote		66.19								66.19
32.0	Pappu Nallah		47.92								47.92
33.0	Doimukh (Midpu-II)		82.54								82.54
34.0	Leporiang		10.80								10.80
35.0	Lumla		0.00								0.00
36.0	Diyun		47.92								47.92
37.0	Kharsang		0.00								0.00
38.0	Khimiyong		47.92								47.92
39.0	Manmao		47.92								47.92
40.0	Choukham		19.50								19.50
41.0	Namsai		19.50								19.50
42.0	Kanubari		65.12								65.12
43.0	Longding		35.52								35.52
44.0	Deomali		47.92								47.92
45.0	Khonsa		0.00								0.00
46.0	Changlang		0.00								0.00
47.0	Giba		47.92								47.92
48.0	Maro		67.68								67.68
49.0	Murimugli		59.68								59.68

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50.0	Nacho		60.39								60.39
51.0	Nyapin		47.92								47.92
52.0	Sippi		49.73								49.73
53.0	Tali		47.92								47.92
54.0	Tahila		71.04								71.04
55.0	Boleng		28.42								28.42
56.0	Geku		23.68								23.68
57.0	Jengging		47.92								47.92
58.0	Kaying		25.10								25.10
59.0	Koreng		113.67								113.67
60.0	Maryang		59.20								59.20
61.0	Mechuka		47.92								47.92
62.0	Rumgong		75.01								75.01
63.0	Tuting		23.68								23.68
64.0	Anini		25.40								25.40
65.0	Bijari		47.92								47.92
66.0	Bolung		47.92								47.92
67.0	Etalin		36.77								36.77
68.0	Halaipani		47.92								47.92
69.0	Hawai		47.92								47.92
70.0	Wallong		47.92								47.92
	Subtotal - D (DMS New Substations)	0.00	2584.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2584.56
	R&R Compensation for DMS Substations	0.00	2000.00								2000.00
	Soil Testing for Existing DMS Substations	0.95									0.95
	Infrastructure for Substations (not incl. in Main package)							2000.00			2000.00
	Total (Substations)	0.95	11408.23	0.00	0.00	0.00	0.00	2000.00	incl. in SS	14707.44	28116.62
	GRAND Total (Lines and Substations)	0.95	11408.23	8112.64	1379.60	75420.00	53216.00	2000.00	incl. in SS	14707.44	166244.86

NOTE:

A provision of Rs. 20.00 Crore has been kept towards approach Road to SS, Water supply system at SS not covered under main package