

**SCOPE OF WORKS FOR
COMPREHENSIVE SCHEME FOR STRENGTHENING OF TRANSMISSION
& DISTRIBUTION SYSTEM IN ARUNACHAL PRADESH**

ARUNACHAL PRADESH - REVISED DPR

PART-I - TRANSMISSION SYSTEM

A : TRANSMISSION LINE*		kV	Ckt.	Km.	Remarks
1	Niglok - Pasighat New (Napit)	132.00	S/c on D/c	30.00	
2	Pasighat New (Napit) - Pasighat Old	132.00	D/c	15.00	
3	Khupi - Seppa	132.00	S/c on D/c	60.00	
4	Seppa-Rilo	132.00	S/c on D/c	50.00	
5	Rilo-Sagali	132.00	S/c on D/c	55.00	
6	Sagali-Naharlagun	133.00	S/c on D/c	45.00	
7	Naharlagun - Gerukamukh	132.00	S/c on D/c	90.00	
8	Gerukamukh - Likabali	132.00	S/c on D/c	60.00	
9	Likabali - Niglok	132.00	S/c on D/c	75.00	
10	Deomali - Khonsa	132.00	S/c	40.00	
11	Khonsa - Changlang	132.00	S/c	45.00	Some 132kV S/c foundations / towers already erected in Deomali-Miao section by Govt. of AP, possibility of utilising the same may be explored during execution
12	Changlang - Jairampur	132.00	S/c	60.00	
13	Jairampur - Miao	132.00	S/c	40.00	
14	Miao - Namsai (PG)	132.00	S/c on D/c	45.00	
15	Tezu (PG) - Halaipani	132.00	S/c on D/c	100.00	
16	Naharlagun - Banderdewa	132.00	S/c on D/c	25.00	
17	Chimpu (Itanagar)- Holongi	132.00	S/c on D/c	20.00	
18	Ziro (PG) - Palin	132.00	S/c on D/c	50.00	

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19	Palin – Koloriang	132.00	S/c on D/c	75.00	
20	LILO of Daporijo - Along 132kV S/c at Basar	132.00	D/c	5.00	
21	Roing (PG) – Anini	132.00	S/c on D/c	125.00	initially charged at 33 kV
22	Along – Kambang	132.00	S/c on D/c	40.00	
23	Kambang - Mechuka	132.00	S/c on D/c	130.00	initially charged at 33 kV
24	Along - Yingkiong	132.00	S/c on D/c	100.00	
25	Yingkiong - Tuting	132.00	S/c on D/c	125.00	initially charged at 33 kV
26	Ziro (PG) - Ziro New	132.00	D/c	2.00	
27	Tawang - Lumla	132.00	S/c on D/c	40.00	initially charged at 33 kV
28	Daporijo - Nacho	132.00	S/c on D/c	85.00	initially charged at 33 kV
29	Khonsa - Longding	132.00	S/c on D/c	45.00	initially charged at 33 kV
30	Roing (PG) - Dambuk	132.00	S/c on D/c	40.00	
31	Pasighat Old - Mariyang	132.00	S/c on D/c	80.00	initially charged at 33 kV
32	Rilo - Seijosa	132.00	S/c on D/c	60.00	
33	Seppa - Bameng	132.00	S/c on D/c	60.00	

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	B : SUB-STATION	Trf	No	MVA	Total	0.00
	New S/S **					
1	Niglok	132/33	2.00	31.50	63.00	
2	Pasighat New (Napit)	132/33	2.00	10.00	20.00	
3	Seppa	132/33	4.00	5.00	15.00	
4	Rilo	132/33	4.00	5.00	15.00	
5	Sagali	132/33	4.00	5.00	15.00	
6	Naharlagun	132/33	2.00	31.50	63.00	
7	Gerukhamukh	132/33	4.00	5.00	15.00	
8	Likabali	132/33	4.00	5.00	15.00	
9	Khonsa	132/33	4.00	5.00	15.00	
10	Changlang	132/33	4.00	5.00	15.00	
11	Jairampur	132/33	4.00	5.00	15.00	
12	Miao	132/33	4.00	5.00	15.00	
13	Halaipani	132/33	4.00	5.00	15.00	
14	Banderdewa	132/33	2.00	31.50	63.00	
15	Holongi	132/33	2.00	10.00	20.00	
16	Palin	132/33	4.00	5.00	15.00	
17	Koloriang	132/33	4.00	5.00	15.00	
18	Basar	132/33	4.00	5.00	15.00	
19	Yingkiong	132/33	4.00	5.00	15.00	
20	Kambang	132/33	4.00	5.00	15.00	
21	Ziro New	132/33	4.00	5.00	15.00	
22	Dambuk	132/33	4.00	5.00	15.00	
23	Seijosa	132/33	4.00	5.00	15.00	
24	Bameng	132/33	4.00	5.00	15.00	
	Augmentation					
1	Daporijo	132/33	4.00	5.00	15.00	
	* OPGW has been Considered in place of Earth wire on these Transmission Lines					
	** Communication Equipment at S/S has been considered for Voice & Data Connectivity					

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Reactive Compensation	Bus Reactor
Sub-Station	
Seppa	15 MVAR (Single Phase units)
Sagali	15 MVAR (Single Phase units)
Naharlagun	15 MVAR (Three Phase)
Gerukamukh	15 MVAR (Single Phase units)
Likabali	15 MVAR (Single Phase units)
Pasighat New (Napit)	15 MVAR (Single Phase units)
Changlang	15 MVAR (Single Phase units)
Miao	15 MVAR (Single Phase units)
Halaipani	15 MVAR (Single Phase units)
Yingkiong	15 MVAR (Single Phase units)
Rilo	15 MVAR (Single Phase units)
Koloriang	15 MVAR (Single Phase units)
Kambang	15 MVAR (Single Phase units)