POLE SCHEDULE

66KV VALASAN-MANDASAN LINE

Sr. No.	Loc. No.	H-Frame / Tower	Type of Tower / H-Frame	Ten / Susp / Double Ten / Double Susp	Line Configuration S/C / D/C	Span (Mtr)	Work Coldline / Hotline	Material Required For HTLS Conductor Stringing												
								Conductor	66KV Susp. SRI	66KV Tension SRI	Single Tension H/W	Single Suspension H/W	Double Tension H/W	Double Suspension H/W	PA Rod	Vibration Damper	Mid Span Jointsr	Repair Sleeve	T connector wih pad	Jumper terminal w/o hole with suitable N&B	River/Road/Railway crossing
								Mtr	No	No	Set	Set	Set	Set	Set	No	No	No	No	No	SH-State Highway
Gantry Valasan					Gantry	42	Hotline	126		3	3					3			3	6	
1	T001	TOWER	Tower	Tension	D/C	100	Hotline	299		6	6					6					
2	T002	TOWER	Tower	Tension	D/C	109	Hotline	326		6	6					6					
3	T003	TOWER	Tower	Tension	D/C	145	Hotline	435		6	6					6					
4	T004	TOWER	Tower	Tension	D/C	209	Hotline	627		6	6					6					
5	T005	TOWER	Tower	Tension	D/C	220	Hotline	659		6	6					6					
6	T006	TOWER	Tower	Tension	D/C	45	Hotline	136		6	6					6					
7	DP007	H-Frame	B	Tension	S/C	43	Hotline	128		6	6					6					
8	DP008	H-Frame	B	Tension	S/C	58	Coldline	173		6	6					6					
9	T009	TOWER	Tower	Tension	D/C	248	Hotline	743		6	6					6					
10	T010	TOWER	Tower	Tension	D/C	196	Hotline	589		6	6					6					
11	T011	TOWER	Tower	Double Suspension	D/C	195	Hotline	586	6					3	3	6					Valasan Drafa road
12	T012	TOWER	Tower	Double Tension	D/C	222	Hotline	666		9	3		3			6					Valasan Drafa road
13	T013	TOWER	Tower	Tension	D/C	231	Hotline	692		6	6					6					
14	T014	TOWER	Tower	Tension	D/C	401	Hotline	1204		6	6					6					
15	T015	TOWER	Tower	Tension	D/C	7	Hotline	22		6	6					6					
16	T016	TOWER	Tower	Tension	D/C	271	Hotline	813		6	6					6					
17	T017	TOWER	Tower	Tension	D/C	197	Hotline	590		6	6					6					
18	T018	TOWER	Tower	Tension	D/C	231	Hotline	694		6	6					6					
19	T019	TOWER	Tower	Tension	D/C	193	Hotline	580		6	6					6					
20	T020	TOWER	Tower	Tension	D/C	231	Hotline	693		6	6					6					
21	T021	TOWER	Tower	Tension	D/C	164	Hotline	493		6	6					6					
22	T022	TOWER	Tower	Tension	D/C	156	Hotline	468		6	6					6					
23	T023	TOWER	Tower	Tension	D/C	80	Hotline	239		6	6					6					
24	T024	TOWER	Tower	Tension	D/C	83	Hotline	248		6	6					6					
25	DP025	H-Frame	B	Tension	S/C	160	Hotline	480		6	6					6					
26	DP026	H-Frame	A	Suspension	S/C	127	Coldline	380	3			3			3	6					
27	DP027	H-Frame	B	Tension	S/C	118	Coldline	354		6	6					6					
28	DP028	H-Frame	A	Suspension	S/C	145	Coldline	436	3			3			3	6					
29	DP029	H-Frame	A	Suspension	S/C	202	Coldline	605	3			3			3	6					
30	DP030	H-Frame	A	Suspension	S/C	193	Coldline	578	3			3			3	6					
31	DP031	H-Frame	A	Suspension	S/C	162	Coldline	486	3			3			3	6					
32	DP032	H-Frame	B	Tension	S/C	112	Coldline	335		6	6					6					
33	DP033	H-Frame	A	Double Suspension	S/C	176	Coldline	529	6					3	3	6					Fuljar River Crossing
34	DP034	H-Frame	B	Double Tension	S/C	128	Coldline	385		9	3		3			6					Fuljar River Crossing
35	DP035	H-Frame	A	Suspension	S/C	141	Coldline	424	3			3			3	6					
36	DP036	H-Frame	A	Suspension	S/C	174	Coldline	522	3			3			3	6					
37	DP037	H-Frame	A	Suspension	S/C	180	Coldline	539	3			3			3	6					
38	DP038	H-Frame	A	Suspension	S/C	177	Coldline	532	3			3			3	6					
39	DP039	H-Frame	A	Suspension	S/C	136	Coldline	409	3			3			3	6					
40	DP040	H-Frame	A	Suspension	S/C	146	Coldline	437	3			3			3	6					
41	DP041	H-Frame	A	Suspension	S/C	135	Coldline	405	3			3			3	6					
42	DP042	H-Frame	B	Tension	S/C	153	Coldline	459		6	6					6					

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								Conductor	66KV Susp. SRI	66KV Tension SRI	Single Tension H/W	Single Suspension H/W	Double Tension H/W	Double Suspension H/W	PA Rod	Vibration Damper	Mid Span Jointsr	Repair Sleeve	T connector wih pad	Jumper terminal w/o hole with suitable N&B	River/Road/Railway crossing
								Mtr	No	No	Set	Set	Set	Set	Set	No	No	No	No	No	SH-State Highway
43	DP043	H-Frame	A	Suspension	S/C	177	Coldline	531	3			3			3	6					
44	DP044	H-Frame	A	Suspension	S/C	153	Coldline	459	3			3			3	6					
45	DP045	H-Frame	A	Double Suspension	S/C	141	Coldline	422	6					3	3	6					Paneli amndasan Road crossing
46	DP046	H-Frame	A	Double Suspension	S/C	138	Coldline	414	6					3	3	6					Paneli amndasan Road crossing
47	DP047	H-Frame	B	Tension	S/C	164	Coldline	493		6	6					6					
48	DP048	H-Frame	A	Suspension	S/C	98	Coldline	294	3			3			3	6					
49	DP049	H-Frame	B	Tension	S/C	58	Coldline	174		6	6					6					
GTMANDASHAN					Gantry					3	3					3	6	6	3	6	
					Total =	7772		23314.90486	69	192	180	45	6	12	57	300	6	6	6	12	
				Add 0.5 % sag for conductor				117													
				Total Conductor =				23431													

Span (Mtr)		Conductor	66KV Susp. SRI	66KV Tension SRI	Single Tension H/W	Single Suspension H/W	Double Tension H/W	Double Suspension H/W	PA Rod	Vibration Damper	Mid Span Jointsr	Repair Sleeve	T connector wih pad	Jumper terminal w/o hole with suitable N&B
		Additional Quantities	9	9	3	3	3	3	3	6	0	0	0	0
		Final Quantities	**78**	**201**	**183**	**48**	**9**	**15**	**60**	**306**	**6**	**6**	**6**	**12**