POLE SCHEDULE

66KV Moraj-Veraval LINE

Material Required For HTLS Conductor Stringing

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	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 Joint	Repair Sleeve	T connector wih pad	Jumper terminal w/o hole with suitable	Major Crossing
								Mtr	No	No	Set	Set	Set	Set	Set	No	No	No	No	No	
1	Moraj Gentry					70	Hotline	210	0	3	3					3			3	6	
2	1	TOWER	B	T	D/C	52.5	Hotline	157.5		6	6					6					
3	2	TOWER	D	T	D/C	119.3	Hotline	357.9		6	6					6					
4	3	TOWER	A	S	D/C	103.9	Hotline	311.7	3			3			3	6					
5	4	TOWER	A	S	D/C	256	Hotline	768	3			3			3	6					
6	5	TOWER	A	S	D/C	254.5	Hotline	763.5	3			3			3	6					
7	6	TOWER	B	T	D/C	262.2	Hotline	786.6		6	6					6					
8	7	TOWER	B	T	D/C	266.2	Hotline	798.6		6	6					6					
9	8	TOWER	B	T	D/C	300	Hotline	900		6	6					6					
10	9	TOWER	A	S	D/C	300	Hotline	900	3			3			3	6					
11	10	TOWER	A	S	D/C	300	Hotline	900	3			3			3	6					
12	11	TOWER	A	S	D/C	300	Hotline	900	3			3			3	6					
13	12	TOWER	A	S	D/C	270.2	Hotline	810.6	3			3			3	6					
14	13	TOWER	A	S	D/C	267.5	Hotline	802.5	3			3			3	6					
15	14	TOWER	B	T	D/C	268.9	Hotline	806.7		6	6					6					
16	15	TOWER	A	S	D/C	268.8	Hotline	806.4	3			3			3	6					
17	16	TOWER	A	S	D/C	267.5	Hotline	802.5	3			3			3	6					
18	17	TOWER	A	S	D/C	268.9	Hotline	806.7	3			3			3	6					
19	18	TOWER	A	S	D/C	262.3	Hotline	786.9	3			3			3	6					
20	19	TOWER	A	S	D/C	276.8	Hotline	830.4	3			3			3	6					
21	20	TOWER	A	S	D/C	267.5	Hotline	802.5	3			3			3	6					
22	21	TOWER	C	TB	D/C	274.1	Hotline	822.3		9	3		3			6					
23	22	TOWER	A	S	D/C	259.7	Hotline	779.1	3			3			3	6					
24	23	TOWER	A	S	D/C	271.5	Hotline	814.5	3			3			3	6					
25	24	TOWER	A	S	D/C	264.9	Hotline	794.7	3			3			3	6					
26	25	TOWER	A	S	D/C	223	Hotline	669	3			3			3	6					
27	26	TOWER	A	S	D/C	265.5	Hotline	796.5	3			3			3	6					
28	27	TOWER	A	S	D/C	260.2	Hotline	780.6	3			3			3	6					
29	28	TOWER	A	S	D/C	257.9	Hotline	773.7	3			3			3	6					
30	29	TOWER	A	S	D/C	263.7	Hotline	791.1	3			3			3	6					
31	30	TOWER	A	S	D/C	261.4	Hotline	784.2	3			3			3	6					
32	31	TOWER	B	T	D/C	254.3	Hotline	762.9		6	6					6					
33	32	TOWER	B	T	D/C	275.4	Hotline	826.2		6	6					6					
34	33	TOWER	C	T	D/C	265.5	Hotline	796.5	3	6	6	3			3	6					
35	34	TOWER	A	S	D/C	266.1	Hotline	798.3	3			3			3	6					
36	35	TOWER	A	S	D/C	279.5	Hotline	838.5	3			3			3	6					
37	36	TOWER	A	S	D/C	228.8	Hotline	686.4	3			3			3	6					
38	37	TOWER	A	S	D/C	312	Hotline	936	3			3			3	6					
39	38	TOWER	B	T	D/C	273.9	Hotline	821.7		6	6					6					
40	39	TOWER	B	TB	D/C	267.3	Hotline	801.9		9	3		3			6					NH Crossing 39-40
41	40	TOWER	A	SB	D/C	277.9	Hotline	833.7	6					3	3	6					NH Crossing 39-40
42	41	TOWER	A	S	D/C	235.9	Hotline	707.7	3			3			3	6					
43	42	TOWER	B	TB	D/C	268.7	Hotline	806.1		9	3		3			6					Railway Crossing 42-43
44	43	TOWER	B	TB	D/C	130.8	Hotline	392.4		9	3		3			6					Railway Crossing 42-43

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	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 Joint	Repair Sleeve	T connector wih pad	Jumper terminal w/o hole with suitable	Major Crossing
								Mtr	No	No	Set	Set	Set	Set	Set	No	No	No	No	No	
45	44	TOWER	A	S	D/C	165.3	Hotline	495.9	3			3			3	6					
46	45	TOWER	D	T	D/C	307.4	Hotline	922.2		6	6					6					
47	46	TOWER	A	S	D/C	209.5	Hotline	628.5	3			3			3	6					
48	47	TOWER	A	S	D/C	244.7	Hotline	734.1	3			3			3	6					
49	48	TOWER	A	S	D/C	207.6	Hotline	622.8	3			3			3	6					
50	49	TOWER	A	S	D/C	253.8	Hotline	761.4	3			3			3	6					
51	50	TOWER	B	T	D/C	275	Hotline	825		6	6					6					
Veraval Gentry						71	Hotline	213		3	3					3	6	6	3	6	
Total =						**12675**		**38025.9**	**108**	**114**	**90**	**102**	**12**	**3**	**105**	**306**	**6**	**6**	**6**	**12**	
Add 0.5 % sag for conductor								**38216**													
						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 Joint**	**Repair Sleeve**	**T-Connector**	**Jumper Terminal**	
								Additional Quantities	6	6	2	2	2	2	3	6	0	0	0	0	
								Final Quantities	**114**	**120**	**92**	**104**	**14**	**5**	**108**	**312**	**6**	**6**	**6**	**12**	