POLE SCHEDULE - 66KV Bhayavadar Bhankh 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	River/Road/Railway crossing
								Mtr	No	No	Set	Set	Set	Set	Set	No	No	No	No	No	
1	Bhayavadar Gantry									3	3					3			3	6	
2	**1**	**TOWER**	**TOWER**	**T**	S/C	20.500	Coldline	**61.5**	**3**	**6**	**6**	**3**			**3**	**6**					
3	2	H-FRAME	B	**T**	S/C	165.900	Coldline	497.7		6	6					6					
4	3	H-FRAME	C	**TC**	S/C	191.100	Coldline	573.3	3	6	6	3			3	6					
5	**4**	H-FRAME	**A**	**S**	S/C	140.300	Coldline	**420.9**	**3**			**3**			**3**	**6**					
6	5	H-FRAME	A	**S**	S/C	164.000	Coldline	492	**3**			**3**			**3**	6					
7	6	H-FRAME	A	**S**	S/C	180.400	Coldline	541.2	**3**			**3**			**3**	6					
8	**7**	H-FRAME	B	**T**	S/C	133.200	Coldline	399.6		**6**	**6**					6					
9	8	H-FRAME	A	**S**	S/C	117.200	Coldline	**351.6**	**3**			**3**			**3**	**6**					
10	9	H-FRAME	A	**S**	S/C	101.800	Coldline	305.4	**3**			**3**			**3**	6					
11	**10**	H-FRAME	A	**S**	S/C	147.600	Coldline	442.8	**3**			**3**			**3**	6					
12	11	H-FRAME	A	**S**	S/C	177.400	Coldline	532.2	**3**			**3**			**3**	6					
13	12	H-FRAME	A	**S**	S/C	149.000	Coldline	**447**	**3**			**3**			**3**	**6**					
14	**13**	**H-FRAME**	B	**T**	S/C	175.200	Coldline	**525.6**		**6**	**6**					**6**					
15	14	H-FRAME	A	**S**	S/C	122.500	Coldline	367.5	**3**			**3**			**3**	6					
16	15	H-FRAME	A	**S**	S/C	180.000	Coldline	540	**3**			**3**			**3**	6					
17	**16**	H-FRAME	A	**S**	S/C	174.700	Coldline	524.1	**3**			**3**			**3**	6					
18	17	H-FRAME	A	**S**	S/C	158.900	Coldline	476.7	**3**			**3**			**3**	6					
19	18	H-FRAME	**A**	**S**	S/C	153.000	Coldline	459	**3**			**3**			**3**	6					
20	**19**	H-FRAME	A	**S**	S/C	175.900	Coldline	527.7	**3**			**3**			**3**	6					
21	20	H-FRAME	A	**S**	S/C	85.600	Coldline	256.8	**3**			**3**			**3**	6					
22	21	**H-FRAME**	A	**S**	S/C	123.700	Coldline	**371.1**	**3**			**3**			**3**	**6**					
23	**22**	H-FRAME	B	**T**	S/C	172.400	Coldline	517.2		**6**	**6**					6					
24	23	H-FRAME	B	**T**	S/C	65.600	Coldline	196.8		**6**	**6**					6					
25	24	H-FRAME	A	**S**	S/C	161.800	Coldline	485.4	**3**			**3**			**3**	6					
26	**25**	H-FRAME	A	**S**	S/C	141.900	Coldline	425.7	**3**			**3**			**3**	6					
27	26	H-FRAME	**A**	**S**	S/C	171.100	Coldline	513.3	**3**			**3**			**3**	6					
28	27	H-FRAME	A	**S**	S/C	169.400	Coldline	508.2	**3**			**3**			**3**	6					
29	**28**	H-FRAME	A	**S**	S/C	180.800	Coldline	542.4	**3**			**3**			**3**	6					
30	29	H-FRAME	B	**T**	S/C	183.500	Coldline	550.5		**6**	**6**					6					
31	30	**TOWER**	**TOWER**	**TB**	S/C	168.500	Coldline	505.5		**9**	**3**		**3**			6					River cross
32	**31**	**TOWER**	**TOWER**	**TB**	S/C	376.300	Coldline	1128.9		**12**			**6**			6					River cross
33	32	H-FRAME	B	**TB**	S/C	236.400	Coldline	709.2		**12**			**6**			6					MJR-Gdr road
34	33	H-FRAME	A	**SB**	S/C	99.300	Coldline	297.9	**6**					**3**	**3**	6					MJR-Gdr road
35	**34**	H-FRAME	A	**S**	S/C	184.500	Coldline	553.5	**3**			**3**			**3**	6					
36	35	H-FRAME	A	**S**	S/C	173.700	Coldline	521.1	**3**			**3**			**3**	6					
37	36	**H-FRAME**	A	**S**	S/C	144.400	Coldline	**433.2**	**3**			**3**			**3**	**6**					
38	**37**	H-FRAME	**A**	**S**	S/C	156.800	Coldline	470.4	**3**			**3**			**3**	6					
39	38	H-FRAME	A	**S**	S/C	190.700	Coldline	572.1	**3**			**3**			**3**	6					
40	39	H-FRAME	A	**S**	S/C	146.000	Coldline	438	**3**			**3**			**3**	6					
41	40	H-FRAME	A	**S**	S/C	181.400	Coldline	544.2	**3**			**3**			**3**	6					
42	**41**	H-FRAME	**B**	**T**	S/C	190.200	Coldline	570.6		6	6					6					
43	42	H-FRAME	A	**S**	S/C	178.400	Coldline	535.2	**3**			**3**			**3**	6					
44	43	H-FRAME	A	**S**	S/C	178.400	Coldline	535.2	**3**			**3**			**3**	6					
45	44	H-FRAME	A	**S**	S/C	141.900	Coldline	425.7	**3**			**3**			**3**	6					
46	**45**	H-FRAME	A	**S**	S/C	171.700	Coldline	515.1	**3**			**3**			**3**	6					
47	46	H-FRAME	B	**T**	S/C	214.400	Coldline	643.2		**6**	**6**					6					
48	47	**TOWER**	**TOWER**	**T**	D/C	110.100	Hotline	330.3		**6**	**6**					6					
49	48	**TOWER**	**TOWER**	**T**	D/C	130.300	Hotline	390.9		**6**	**6**					6					
50	**49**	**TOWER**	**TOWER**	**S**	D/C	196.300	Hotline	588.9	**3**			**3**			**3**	6					

51	50	**TOWER**	**TOWER**	**S**	D/C	278.100	Hotline	834.3	**3**			**3**			**3**	6				
52	51	**TOWER**	**TOWER**	**T**	D/C	280.600	Hotline	841.8		**6**	**6**					6				
53	**52**	**TOWER**	**TOWER**	**S**	D/C	280.000	Hotline	840	**3**			**3**			**3**	6				
54	53	**TOWER**	**TOWER**	**S**	D/C	243.000	Hotline	729	**3**			**3**			**3**	6				
55	54	**TOWER**	**TOWER**	**S**	D/C	279.800	Hotline	839.4	**3**			**3**			**3**	6				
56	**55**	**TOWER**	**TOWER**	**S**	D/C	299.700	Hotline	899.1	**3**			**3**			**3**	6				
57	56	**TOWER**	**TOWER**	**S**	D/C	256.300	Hotline	768.9	**3**			**3**			**3**	6				
58	57	**TOWER**	**TOWER**	**S**	D/C	315.200	Hotline	945.6	**3**			**3**			**3**	6				
59	**58**	**TOWER**	**TOWER**	**T**	D/C	308.600	Hotline	925.8		**6**	**6**					6				
60	59	**TOWER**	**TOWER**	**S**	D/C	315.800	Hotline	947.4	**3**			**3**			**3**	6				
61	60	**TOWER**	**TOWER**	**T**	D/C	313.300	Hotline	939.9		**6**	**6**					6				
62	**61**	**TOWER**	**TOWER**	**S**	D/C	248.500	Hotline	745.5	**3**			**3**			**3**	6				
63	62	**TOWER**	**TOWER**	**S**	D/C	320.100	Hotline	960.3	**3**			**3**			**3**	6				
64	63	**TOWER**	**TOWER**	**T**	D/C	207.900	Hotline	623.7		6	6					6				
65	**64**	**TOWER**	**TOWER**	**S**	D/C	267.300	Hotline	801.9	**3**			**3**			**3**	6				
66	65	**TOWER**	**TOWER**	**S**	D/C	224.100	Hotline	672.3	**3**			**3**			**3**	6				
67	66	**TOWER**	**TOWER**	**S**	D/C	224.100	Hotline	672.3	**3**			**3**			**3**	6				
68	**67**	**TOWER**	**TOWER**	**S**	D/C	211.000	Hotline	633	**3**			**3**			**3**	6				
69	68	**TOWER**	**TOWER**	**T**	D/C	289.600	Hotline	868.8		**6**	**6**					6				
70	69	**TOWER**	**TOWER**	**T**	D/C	84.000	Hotline	252		**6**	**6**					6				
71	**70**	**TOWER**	**TOWER**	**T**	D/C	60.000	Hotline	180		**6**	**6**					6				
72	71	**TOWER**	**TOWER**	**TC**	D/C	40.000	Hotline	120	**3**	**6**	**6**	**3**			**3**	6				
84	Bhankh Gantry							**0**		**3**	**3**					**3**	**6**	**6**	**3**	**6**
					Total =	**13201.1**		**39603.3**	**156**	**159**	**129**	**150**	**15**	**3**	**153**	**432**	**6**	**6**	**6**	**12**
				Add 0.5 % sag for conductor				**39801**												

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 f**	**PA Rod r**	**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	**165**	**168**	**132**	**153**	**18**	**6**	**156**	**438**	**6**	**6**	**6**	**12**