Name of Work : Dog to HTLS conductor repalcement for 66kV Kukma Kotda© line 1 as approved under R&M 2025-26.																	
Tower / Pole schedule																	
SR.NO	TOWER ID	Type	Type of stracture	Tower span (in meter)	Single Suspension H/W	Single Tension H/W	Double suspension H/W	Double Tension H/W	Suspension SRI	Tension SRI	No Vibration Dampers	Mid Span Joint	Repair sleeve	PA Rod	T connector with Pad	Jumper terminal without hole with suitable N&B	Remarks / Crossing Details
1	220 KV Kukma Gantry	G				3				3	3				3	6	
				51.221													
2	1	TB	Tower					6		12	6						
				65.070													ROAD CROSS
3	2	TB	Tower					6		12	6						
				73.951													
4	3	S	H Frame		3				3		6			3			
				203.751													
5	4	T	H Frame			6				6	6						
				203.751													
6	5	T	H Frame			6				6	6						
				236.333													
7	6	S	H Frame		3				3		6			3			
				178.798													
8	7	S	H Frame		3				3		6			3			
				188.172													
9	8	S	H Frame		3				3		6			3			
				96.946													
10	9	S	H Frame		3				3		6			3			
				132.914													
11	10	S	H Frame		3				3		6			3			
				168.379													
12	11	T	H Frame			6				6	6						
				149.518													
13	12	S	H Frame		3				3		6			3			
				237.977													
14	13	S	H Frame		3				3		6			3			
				151.064													
15	14	S	H Frame		3				3		6			3			
				194.000													
16	15	T	H Frame			6				6	6						
				126.983													
17	16	T	H Frame			6				6	6						
				85.742													
18	17	T	H Frame			6				6	6						
				78.437													
19	18	T	H Frame			6				6	6						
				52.953													
20	19	T	H Frame			6				6	6						
				194.140													
21	20	T	H Frame			6				6	6						
				163.400													
22	21	S	H Frame		3				3		6			3			
				158.965													
23	22	S	H Frame		3				3		6			3			
				145.776													
24	23	S	H Frame		3				3		6			3			
				180.782													
25	24	T	H Frame			6				6	6						
				150.165													
26	25	S	H Frame		3				3		6			3			
				178.973													
27	26	S	H Frame		3				3		6			3			
				186.922													
28	27	S	H Frame		3				3		6			3			

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Tower / Pole schedule																	
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				94.273													
29	28	S	H Frame		3				3		6			3			
				137.448													
30	29	S	H Frame		3				3		6			3			
				137.268													
31	30	S	H Frame		3				3		6			3			
				139.104													
32	31	T	H Frame			6				6	6						
				151.968													
33	32	S	H Frame		3				3		6			3			
				179.560													
34	33	S	H Frame		3				3		6			3			
				142.626													
35	34	S	H Frame		3				3		6			3			
				198.094													
36	35	S	H Frame		3				3		6			3			
				166.548													
37	36	S	H Frame		3				3		6			3			
				188.763													
38	37	T	H Frame			6				6	6						
				148.016													
39	38	S	H Frame		3				3		6			3			
				138.811													
40	39	S	H Frame		3				3		6			3			
				169.304													
41	40	SB	H Frame				3		6		6			3			
				177.300													ROAD CROSS
42	41	SB	H Frame				3		6		6			3			
				149.227													
43	42	S	H Frame		3				3		6			3			
				87.341													
44	43	T	H Frame			6				6	6						
				171.096													
45	44	S	H Frame		3				3		6			3			
				193.328													
46	45	S	H Frame		3				3		6			3			
				147.132													
47	46	S	H Frame		3				3		6			3			
				185.3													
48	47	T	H Frame			6				6	6						
				170													
49	48	T	Tower			6				6	6						
				195													
50	49	T	Tower			6				6	6						
				236													
51	50	T	Tower			6				6	6						
				109													
52	51	T	Tower			6				6	6						
				30													
53	66kv Kotda C s/s	G	GENTRY			3				3	3	6	6		3	6	
				7878	87	114	6	12	99	138	312	6	6	93	6	12	
			GENTRY (PADRA)		Single Suspension	Single Tension	Double suspension	Double Tension	Suspension SRI	Tension SRI	No Vibration Dampers	Mid Span Joint	Repair sleeve	PA Rod	T connector with Pad	Jumper terminal without hole with suitable N&B	

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Tower / Pole schedule

SR.NO	TOWER ID	Type	Type of stracture	Tower span (in meter)	Single Suspension H/W	Single Tension H/W	Double suspension H/W	Double Tension H/W	Suspension SRI	Tension SRI	No Vibration Dampers	Mid Span Joint	Repair sleeve	PA Rod	T connector with Pad	Jumper terminal without hole with suitable N&B	Remarks / Crossing Details
				Additional Quantity	**3**	**3**	**3**	**3**	**9**	**9**	**6**	**0**	**0**	**3**	**0**	**0**	
				Final Quantity	**90**	**117**	**9**	**15**	**108**	**147**	**318**	**6**	**6**	**96**	**6**	**12**	

	7878	Meter
Total	7.88	Km
Total lenth of conductor	23.64	Km
0.5% sag & Jumper	0.12	Km
Total HTLS conductor requiored in Km	23.76	Km

Line Length	**7.88**
Conductor CKM	**23.8**
Type of structure	H Frame + Structure
Single Suspension	90
Single Tension	117
Double suspension	9
Double Tension	15
Hot line CKt km	0.930
Cold Line Ckt Km	6.947