Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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	Suspensio n SRI	Tensio n 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 Nanikhakhar Gantry					3				3	3				3	6	
				71.00													
2	1	T	Tower					6		12	6						
				67.00													
3	2	TB	H Frame					6		12	6						
				131.00													
4	3	TB	H Frame					6		12	6						
				141.97													
5	4	T	H Frame			6				6	6						
				85.00													
6	5	T	H Frame			6				6	6						
				187.97													
7	6	S	H Frame		3				3		6			3			
				159.00													
8	7	SB	H Frame				3		6		6			3			
				114.91													ROAD CROSSINGS
9	8	TB	H Frame					6		12	6						
				154.30													
10	9	S	H Frame		3				3		6			3			
				141.00													220KV LINE CROSSING
11	10	S	H Frame		3				3		6			3			
				172.30													
12	11	S	H Frame		3				3		6			3			
				151.00													
13	12	T	H Frame			6				6	6						
				161.00													
14	13	S	H Frame		3				3		6			3			
				184.71													
15	14	TB	H Frame					6		12	6						
				146.16													
16	15	SB	H Frame				3		6		6			3			
				172.63													
17	16	S	H Frame		3				3		6			3			
				148.31													
18	17	S	H Frame		3				3		6			3			
				138.20													
19	18	S	H Frame		3				3		6			3			
				119.00													
20	19	S	H Frame		3				3		6			3			
				151.00													
21	20	S	H Frame		3				3		6			3			
				116.00													500KV HVDC EARTH CROSSING
22	21	T	H Frame			6				6	6						
				188.70													
23	22	SB	H Frame				3		6		6			3			
				162.00													
24	23	TB	H Frame					6		12	6						
				184.00													
25	24	S	H Frame		3				3		6			3			

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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	Suspensio n SRI	Tensio n 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
				139.50													11KV CROSSING
26	25	S	H Frame		3				3		6			3			
				133.60													
27	26	SB	H Frame				3		6		6			3			
				136.70													
28	27	SB	H Frame				3		6		6			3			
				148.50													
29	28	S	H Frame		3				3		6			3			
				152.10													
30	29	S	H Frame		3				3		6			3			
				134.70													
31	30	S	H Frame		3				3		6			3			
				159.50													
32	31	S	H Frame		3				3		6			3			
				139.40													
33	32	T	H Frame			6				6	6						
				113.71													
34	33	S	H Frame		3				3		6			3			
				143.40													
35	34	SB	H Frame				3		6		6			3			
				153.30													
36	35	SB	H Frame				3		6		6			3			
				132.00													
37	36	T	H Frame			6				6	6						
				135.00													
38	37	TB	H Frame					6		12	6						
				196.80													RIVER CROSSING
39	38	TB	H Frame					6		12	6						
				119.10													11KV LINE CROSSING,RIVER CROSSING
40	39	SB	H Frame				3		6		6			3			
				176.50													
41	40	S	H Frame		3				3		6			3			
				146.20													
42	41	TB	H Frame					6		12	6						
				126.66													
43	42	SB	H Frame				3		6		6			3			
				163.53													
44	43	S	H Frame		3				3		6			3			
				164.55													
45	44	S	H Frame		3				3		6			3			
				167.12													
46	45	S	H Frame		3				3		6			3			
				155.55													
47	46	SB	H Frame				3		6		6			3			
				139.00													
48	47	SB	H Frame				3		6		6			3			
				182.70													
49	48	TB	H Frame					6		12	6						
				134.55													
50	49	SB	H Frame				3		6		6			3			
				147.01													33KV LINE CROSSING

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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
51	50	S	H Frame		3				3		6			3			
				183.68													
52	51	S	H Frame		3				3		6			3			
				181.32													11KV LINE CROSSING
53	52	S	H Frame		3				3		6			3			
				157.27													11KV LINE CROSSING
54	53	S	H Frame		3				3		6			3			
				147.92													
55	54	S	H Frame		3				3		6			3			
				159.04													
56	55	S	H Frame		3				3		6			3			
				167.08													
57	56	T	H Frame			6				6	6						
				153.34													
58	57	S	H Frame		3				3		6			3			
				168.18													11KV CROSSING
59	58	S	H Frame		3				3		6			3			
				147.82													
60	59	S	H Frame		3				3		6			3			
				170.12													
61	60	SB	H Frame				3		6		6			3			
				144.06													ROAD CROSSING
62	61	SB	H Frame				3		6		6			3			
				162.65													
63	62	S	H Frame		3				3		6			3			
				173.80													
64	63	S	H Frame		3				3		6			3			
				157.12													
65	64	SB	H Frame				3		6		6			3			
				149.60													ROAD CROSSING, 11KV CROSSING
66	65	TB	H Frame					6		12	6						
				164.41													
67	66	S	H Frame		3				3		6			3			
				193.80													
68	67	S	H Frame		3				3		6			3			
				179.17													
69	68	SB	H Frame				3		6		6			3			
				140.29													
70	69	SB	H Frame				3		6		6			3			
				201.30													
71	70	SB	H Frame				3		6		6			3			
				164.30													
72	71	SB	H Frame				3		6		6			3			
				118.18													
73	72	SB	H Frame				3		6		6			3			
				142.16													
74	73	CTB	H Frame		3			6	3	12	6			3			
				123.35													
75	74	S	H Frame		3				3		6			3			
				121.83													
76	75	S	H Frame		3				3		6			3			
				187.24													

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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	Suspensio n SRI	Tensio n 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
77	76	S	H Frame		3				3		6			3			
				187.50													
78	77	S	H Frame		3				3		6			3			
				228.71													
79	78	SB	H Frame				3		6		6			3			
				156.72													
80	79	SB	H Frame				3		6		6			3			
				159.54													
81	80	T	H Frame			6				6	6						
				184.77													
82	81	S	H Frame		3				3		6			3			
				186.82													
83	82	S	H Frame		3				3		6			3			
				169.80													
84	83	S	H Frame		3				3		6			3			
				162.77													
85	84	S	H Frame		3				3		6			3			
				165.79													
86	85	S	H Frame		3				3		6			3			
				148.28													
87	86	S	H Frame		3				3		6			3			
				182.25													
88	87	T	H Frame			6				6	6						
				153.26													
89	88	S	H Frame		3				3		6			3			
				146.90													
90	89	S	H Frame		3				3		6			3			
				172.04													
91	90	SB	H Frame				3		6		6			3			
				193.35													
92	91	TB	H Frame					6		12	6						
				154.79													
93	92	SB	H Frame				3		6		6			3			
				209.92													
94	93	S	H Frame		3				3		6			3			
				124.27													
95	94	S	H Frame		3				3		6			3			
				175.89													11KV CROSSING
96	95	TB	H Frame					6		12	6						
				163.28													
97	96	SB	H Frame				3		6		6			3			
				165.69													
98	97	S	H Frame		3				3		6			3			
				145.50													11KV CROSSING
99	98	SB	H Frame				3		6		6			3			
				106.50													ROAD CROSSKING, 11KV CROSSKING
100	99	TB	H Frame					6		12	6						
				155.15													
101	100	S	H Frame		3				3		6			3			
				169.00													
102	101	S	H Frame		3				3		6			3			
				166.60													

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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
103	102	S	H Frame		3				3		6			3			
				161.62													
104	103	SB	H Frame				3		6		6			3			
				172.30													11KV CROSSING
105	104	SB	H Frame				3		6		6			3			
				115.40													
106	105	TB	H Frame					6		12	6						
				176.01													
107	106	S	H Frame		3				3		6			3			
				150.00													
108	107	S	H Frame		3				3		6			3			
				137.10													
109	108	S	H Frame		3				3		6			3			
				159.20													
110	109	TB	H Frame					6		12	6						
				238.85													
111	110	TB	H Frame					6		12	6						
				187.30													
112	111	S	H Frame		3				3		6			3			
				189.50													
113	112	S	H Frame		3				3		6			3			
				148.00													
114	113	T	H Frame			6				6	6						
				144.50													
115	114	S	H Frame		3				3		6			3			
				184.80													
116	115	SB	H Frame				3		6		6			3			
				140.00													
117	116	SB	H Frame				3		6		6			3			
				164.60													
118	117	SB	H Frame				3		6		6			3			
				248.30													
119	118	SB	H Frame				3		6		6			3			
				188.70													
120	119	S	H Frame		3				3		6			3			
				174.00													
121	120	S	H Frame		3				3		6			3			
				178.40													
122	121	T	H Frame			6				6	6						
				96.12													
123	122	S	H Frame		3				3		6			3			
				141.11													11KV CROSSING
124	123	S	H Frame		3				3		6			3			
				131.60													
125	124	TB	H Frame					6		12	6						
				100.00													
126	125	TB	Tower					6		12	6						
				114.00													
127	126	T	Tower			6				6	6						
				231.00													
128	127	S	Tower		3				3		6			3			
				243.00													
129	128	S	Tower		3				3		6			3			

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line as approved under R&M 2025-26.																	
Tower / Pole schedule																	
SR. NO	TOWER ID	Type	Type of structure	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
				258.00													
130	129	T	Tower			6				6	6						
				261.00													
131	130	S	Tower		3				3		6			3			
				230.00													
132	131	T	Tower			6				6	6						
				226.00													
133	132	S	Tower		3				3		6			3			
				224.00													
134	133	S	Tower		3				3		6			3			
				216.00													RIVER CROSSING
135	134	T	Tower			6				6	6						
				231.00													
136	135	S	Tower		3				3		6			3			
				233.00													
137	136	SB	Tower				3		6		6			3			
				224.00													
138	137	SB	Tower				3		6		6			3			
				246.00													
139	138	S	Tower		3				3		6			3			
				238.00													RIVER CROSSING
140	139	TB	Tower					6		12	6						
				250.00													
141	140	SB	Tower				3		6		6			3			
				199.00													
142	141	S	Tower		3				3		6			3			
				188.00													
143	142	S	Tower		3				3		6			3			
				271.00													
144	143	T	Tower			6				6	6						
				298.00													
145	144	S	Tower		3				3		6			3			
				236.00													
146	145	TB	Tower					6		12	6						
				268.00													
147	146	TB	Tower					6		12	6						
				262.00													
148	147	S	Tower		3				3		6			3			
				282.00													
149	148	S	Tower		3				3		6			3			
				246.00													
150	149	T	Tower			6				6	6						
				237.00													
151	150	S	Tower		3				3		6			3			
				224.00													
152	151	S	Tower		3				3		6			3			
				231.00													
153	152	TB	Tower					6		12	6						
				229.00													
154	153	SB	Tower				3		6		6			3			
				251.00													
155	154	TB	Tower					6		12	6						
				249.00													

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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
156	155	SB	Tower				3		6		6			3			
				191.00													
157	156	T	Tower			6				6	6						
				235.00													
158	157	TB	Tower					6		12	6						
				237.00													
159	158	SB	Tower				3		6		6			3			
				193.00													
160	159	SB	Tower				3		6		6			3			
				221.00													
161	160	S	Tower		3				3		6			3			
				257.00													
162	161	S	Tower		3				3		6			3			
				259.00													
163	162	T	Tower			6				6	6						
				251.00													
164	163	S	Tower		3				3		6			3			
				249.00													
165	164	S	Tower		3				3		6			3			
				258.00													
166	165	TB	Tower					6		12	6						
				254.00													
167	166	SB	Tower				3		6		6			3			
				219.00													
168	167	TB	Tower					6		12	6						
				235.00													
169	168	TB	Tower					6		12	6						
				135.00													
	66kv Kera Gantry																
			GENTRY			3				3	3	12	12		3	6	
				29800	243	120	120	174	483	468	1014	12	12	363	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	
				Additional Quantity	6	6	6	6	18	18	6	0	0	3	0	0	
	29800	Meter		Final Quantity	249	126	126	180	501	486	1020	12	12	366	6	12	

Total	29.800	Km

Name of Work : Dog to HTLS conductor repalcement for 66kV Nanikhakhar(Bidada)-Kera line 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
			Total HTLS conductor requiored in Km	89.848	Km		Line Length	29.800									
							Conductor CKM	89.848									
							Type of structure	H frame + Tower									
							Single Suspension	249									
							Single Tension	126									
							Double suspension	126									
							Double Tension	180									
							Hot line CKt km	10.39	Loc 1 to 123								
							Cold Line Ckt Km	19.41	Loc 124 to 168								