

NAME OF PROJECT :- 400kV S/C RAICHUR - MUNIRABAD TRANSMISSION LINE (WZ-2)																				
OWNER :- M/S POWER GRID CORPORATION OF INDIA LIMITED																				
SURVEYOR :- LOGIC MAPPING & IT SOLUTIONS																				
TOWER SCHEDULE (TNO. 147 - TNO. 152)																				
Sl. No	Twr No.	Tower Type	Deviation Angle (DMS)	Span (m)	Section Length (m)	Section Chainage (m)	Wind Span (m)	Adjacent Span			Weight Span (Cold)			Weight Span (Hot)			Major Crossings (with in 26m either side from CL)/Remarks	UTM Coordinate (Zone - 43Q)		
								Left	Right	Total	Left	Right	Total	Left	Right	Total		Easting	Northing	Elevation
1	TNO.147	D+09	35°18'00" LT			-	140.0	0.0	280.0	280.0	0.0	93.8	93.8	0.0	106.3	106.3	Existing Tower	7,11,368.845	17,67,020.936	380.938
				280.0													132kV KPTCL Transmission Line, State Highway-23, 11kV Line			
2	TNO.148	B+18	00°00'00"		280.0	280.0	268.5	280.0	257.0	537.0	186.2	226.7	412.9	173.7	200.1	373.8	Existing Tower	7,11,458.781	17,66,755.847	378.191
				257.0																
3	TNO.148AN	D+09	19°00'03" LT		257.0	537.0	251.0	257.0	245.0	502.0	30.3	128.4	158.7	56.9	126.8	183.7	Proposed Tower	7,11,541.395	17,66,512.338	374.983
				245.0													Under Construction Munirabad - Raichur BG Railway Line (Crossing Angle: 90°; Clearance from Ground to Bottom Conductor: 25.3m)			
4	TNO.149N	D+09	51°31'55" RT		245.0	782.0	220.5	245.0	196.0	441.0	116.6	206.1	322.7	118.2	176.8	295.0	Proposed Tower	7,11,691.358	17,66,318.596	374.281
				196.0													Mud Road			
5	TNO.149AN	D+00	36°14'04" RT		196.0	978.0	267.5	196.0	339.0	535.0	-10.1	198.7	188.6	19.2	190.8	210.0	Proposed Tower	7,11,644.531	17,66,127.815	373.034
				339.0													Nala			
6	TNO.150N	D+00	23°35'42" LT		339.0	1,317.0	345.5	339.0	352.0	691.0	140.3	184.9	325.2	148.2	182.5	330.7	Proposed Tower	7,11,384.898	17,65,910.152	368.245
				352.0													Mud Road, Nala, Pond, 11kV Line			
7	TNO.151	A+00				1,669.0	351.5	352.0	351.0	703.0	167.1	173.6	340.7	169.5	174.1	343.6	Existing Tower	7,11,228.320	17,65,595.147	366.731
				351.0													11kV Line			
8	TNO.152	A+00			703.0	2,020.0	175.5	351.0	0.0	351.0	177.4	0.0	177.4	176.9	0.0	176.9	Existing Tower	7,11,072.020	17,65,280.701	367.058