

## Area calculation sheet

**PROPOSAL FOR FOREST CLEARANCE FOR THE CONSTRUCTION OF 2-LANING OF JORAM-KOLORIANG ROAD SECTIONS FROM CH 44.000 TO CH 59.363 (KM 50.000 TO 70.000 OF EXISTING JORAM-KOLORIANG ROAD) FOR EXECUTION IN EPC MODE AT KRA-DADI DISTRICT IN THE STATE OF ARUNACHAL PRADESH UNDER "SARDP-NE"**

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### AREA OF LAND INVOLVED

1. Total Area Required for the Project Stretch=53.07 Ha (Forest Area=48.92 Ha + Revenue Land=4.15 Ha)
2. Out of 48.92 Ha Forest Land 43.46 Ha is for Widening and 5.46 Ha for Muck Disposal
3. A brief Area Calculation Sheet is given in the following Table. The detailed change wise area breakup of land required is shown in **Annexure-I** as follows. It includes Forest Land, Revenue Land, Private Land and area for Muck Disposal.

L No	Location in Km		Length (Mtrs)	Side to be widen	Width required to be acquired (mtrs)	Area (Hectare)	Remarks
	From	To					
1	50.000	66.800	16800	Hill Side	25.87	43.46	Widening and Realignment in Forest Land
2	66.800	70.000	3200	Hill Side	12.97	4.15	Widening and Realignment in Revenue Land
3	Muck Disposal Area in Ha. (1.35+1.43+1.25+1.43)					5.46	Forest Land
<b>Total Area in Ha. =</b>						<b>53.07</b>	



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**CHAINAGE WISE AREA CALCULATION SHEET**

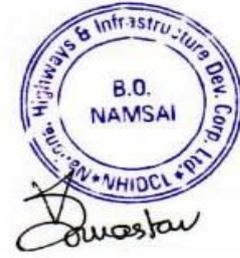
<b>WIDTH REQUIRED TO BE ACQUIRED</b>				
<b>KM 44.00 TO 59.363 (EXISTING KM 50 TO KM 70)</b>				
<b>Existing Chainage</b>	<b>Proposed Chainage</b>	<b>WIDTH (IN M)</b>	<b>Area (RHS)</b>	<b>Area (LHS)</b>
			<b>Ha.</b>	<b>Ha.</b>
50+000 to 50+410	44+000 to 44+270	35.0	0.771	0.198
50+410 to 50+500	44+270 to 44+350	27.0	0.179	0.008
50+500 to 51+000	44+350 to 44+770	34.8	1.078	0.248
51+000 to 51+460	44+770 to 45+150	26.8	0.631	0.195
51+460 to 53+500	45+150 to 46+700	37.0	1.767	3.064
53+500 to 53+600	46+700 to 46+800	50.0	0.016	0.722
53+600 to 54+200	46+800 to 47+200	40.0	0.585	0.537
54+200 to 54+470	47+200 to 47+300	55.0	0.529	0.010
54+470 to 55+450	47+300 to 48+000	40.0	1.643	0.680
55+450 to 55+570	48+000 to 48+100	76.0	0.004	0.048
55+570 to 56+800	48+100 to 49+100	42.0	1.744	2.268
56+800 to 57+605	49+100 to 49+700	19.0	0.983	0.110
57+605 to 58+500	49+700 to 50+370	25.0	2.043	0.109
58+500 to 59+400	50+370 to 51+200	37.0	2.259	0.357
59+400 to 62+100	51+200 to 53+550	41.0	7.241	1.633
62+100 to 62+700	53+550 to 54+100	35.0	1.392	0.332
62+700 to 62+940	54+100 to 54+350	26.0	0.582	0.005
62+940 to 65+560	54+350 to 56+150	35.0	5.419	0.517
65+560 to 65+660	56+150 to 56+230	42.0	0.277	0.050
65+660 to 65+720	56+230 to 56+300	35.0	0.132	0.044
65+720 to 65+950	56+300 to 56+480	47.0	0.964	0.017
65+950 to 66+135	56+480 to 56+620	36.0	0.336	0.100
66+135 to 66+210	56+620 to 56+700	20.0	0.111	0.006
66+210 to 66+400	56+700 to 56+820	36.0	0.469	0.000
66+400 to 66+475	56+820 to 56+915	32.0	0.176	0.036
66+475 to 66+515	56+915 to 56+955	14.0	0.058	0.040
66+515 to 66+700	56+955 to 57+100	26.0	0.359	0.000
66+700 to 66+800	57+100 to 57+210	37.0	0.386	0.000
66+800 to 66+940	57+210 to 57+320	16.0	0.175	0.061
66+940 to 66+980	57+320 to 57+380	25.0	0.098	0.000
66+980 to 67+160	57+380 to 57+530	16.0	0.310	0.000
67+160 to 67+250	57+530 to 57+600	35.0	0.293	0.000
67+250 to 67+650	57+600 to 57+920	26.0	0.698	0.015
67+650 to 67+710	57+920 to 57+980	16.0	0.039	0.032
67+710 to 67+870	57+980 to 58+120	27.0	0.26	0.002
67+870 to 68+000	58+120 to 58+180	30.0	0.147	0.001
68+000 to 68+370	58+180 to 58+525	20.0	0.366	0.052
68+370 to 69+135	58+525 to 59+250	26.0	1.301	0.023

69+135 to 70+000	59+250 to 59+363	30.0	0.267	0.000
<b>TOTAL</b>			<b>36.09</b>	<b>11.52</b>
<b>GRAND TOTAL (IN HA.)</b>			<b>47.61</b>	
<b>AREA FOR MUCK DISPOSAL</b>				
52+300	46+500		1.35	
59+300	51+100			1.43
64+100	55+220			1.25
65+700	56+250			1.43
<b>TOTAL</b>			<b>1.35</b>	<b>4.11</b>
<b>GRAND TOTAL (IN HA.)</b>			<b>(1.35+4.11) = 5.46</b>	
<b>TOTAL AREA TO BE ACQUIRED INCLUDING MUCK DISPOSAL SITE (IN HA.)</b>			<b>(47.61+5.46)=53.07</b>	

\*Existing ROW considered 9 to 12 m



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