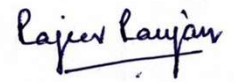


JHARKHAND URJA SANCHARAN NIGAM LIMITED				
132 KV D/C KOLEBIRA KAMDARA TRANSMISSION LINE				
THREE ALTERNATIVE ROUTE EXAMINATION				
SL NO.	DISCRIPTION / ROUTE PARTICULARS	ROUTE-I (FINAL)	ROUTE-II(ALTERNATIVE)	ROUTE-III(ALTERNATIVE)
1	a) Colour	Blue	Red	Magenta
	b) Bee Line	34.6Km.	34.6Km.	34.6Km.
	c) Length	39.0 Km	41.1 Km.	40.0 Km
	d) Angle Points /Tower Locations	142	171	137
2	Environmental impact	N/A	N/A	N/A
	Houses wighin ROW	No Houses within ROW corricor	No Houses within ROW corricor	No Houses within ROW corricor
	No. of Trees in ROW	8076	10254	15896
	Area of Forest Land	7.1400215 Ha.	11.86 Ha.	23.71
3	Details of Crossing			
	No. of Railway Crossing	Nil	Nil	Nil
	HT Line (132 kv/220 KV/400KV/765KV) Crossing	2	4	2
	National/State Highway Crossings	1	2	1
	River Crossing	1	1	1
4	Recommendations	This alternative (Route-1 Final) has minimum Route length though having the minimum no. of angle points, it has been found most suitable as it is having a well connected road network for construction and maintenance of the T/L with less forest length and area also minimum no. of trees in Line corridor area compared to other two alternatives Henc considered most feasible and economical.		


 Dy. General Manager (Project)
 Transmission Circle, Ranchi
 Jharkhand Urja Sancharan Nigam Ltd.

TOPO LOCATION MAP SHOWING TWO ALTERNATIVE WITH FINAL ALIGNMENT OF 132 KV D/C KOLEBIRA - KAMDARA TRANSMISSION LINE

