

JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

66 KV S/C KHAMDONG TO MAKHA TRANSMISSION LINE

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 1.0 kms walking needed to reach line	Approx. 1.5 kms walking needed to reach line	Approx. 1.85 kms walking needed to reach line
02	Stability of the Area	Stable	Less Stable	2/3 hill slide zones found
03	Vicinity to Towns	Passing by the side of the Khamdong, Singbel & Makha.	Passing by the side of the Khamdong, Singbel & Makha.	Passing by the side of the Khamdong, Singbel & Makha.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 0.2592 Ha,	More than Alt-I Forest Land- 0.99 Ha approx.	More than Alt-I & Alt-II Forest land- approx. 1.50 Ha.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees- 34 nos. (including 39 nos. Poles) 73 nos. to be felled Approx. 73 % (as most of the forest land fall in valley)	No. of Trees - 50 nos. (including 50 nos. Pole) 100 nos. to be felled. Approx. 83% (as 1/2 of the forest land fall near hill top)	No. of Trees- 80 nos. (including 70 nos. Poles) 160 nos. to be felled. Approx. 90 % (as most of the forest land fall around hill top)
06	Wildlife Sanctuary	Nil	Nil	Nil
07	Rich Crop in the Corridor	Less	Moderate	More
08	Right of Way resistance	Less	Comparatively more	More than Alt-I & Alt-II
09	Suitability from O&M point of view	Most suitable	Suitable	Less Suitable

(SELECTED)