

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 Perbing and Tadong	Passing by the side of the Perbing, Ranka, Tadong.	Passing by the side of the Perbing, Ranka, Tadong.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 0.4360 Ha,	More than Alt-I Forest Land- 0.6520 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- nos. (including nos. Poles) to be felled Approx. 73 % (as most of the forest land fall in valley)	No. of Trees – nos. (including nos. Pole) to be felled. Approx. 83% (as ½ of the forest land fall near hill top)	No. of Trees- nos. (including nos. Poles) 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)