

# JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

## 220 KV D/C Dikchu - Singhik Transmission Line

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 0.5 kms walking needed to reach line	Approx. 1 kms walking needed to reach line	Approx. 1.25 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 Dikchu and Singhik.	Passing by the side of the Dikchu and Singhik.	Passing by the side of the Dikchu and Singhik.
04	Forest involvement & tree involvement in Forest	Minimum Forest Land- 7.6195 Ha	More than Alt-I Forest Land- 8.2 Ha approx.	More than Alt-I& Alt-II Forest land- 9.1 approx. Ha.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees: 375 nos. No. of Poles: 409 nos. No. of Bamboo: 70 nos.	No. of Trees: 412 nos. No. of Poles: 430 nos. No. of Bamboo: 90 nos.	No. of Trees: 484 nos. No. of Poles: 492 nos. No. of Bamboo: 120 nos.
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)