

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Yes	Yes
2	Length of Road	3.450 km.	5.00km.
3	Bridging requirement No. and Length		
4	Geometric		
	(a) Gradients	1:20, 1:24, level	1:17, 1:20, level
	(b) Curves, H.P Bends	4no.	5 no.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path & foot track	Mule path & foot track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Yes	Yes
7	(a) Terrain & Soil Condition.	E&B, H.S, V.H.S.	E&B, H.S, V.H.S.
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(ix) Variations extants and types.	Yes	Yes
8.	Climate Condition:(a) Temperature Monthly max. & min. reading.(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .(d) Wind direction and velocities.(e) Fog Condition.(f) Exposure to sun.(g) Unusual weather condition like cloud burst etc.	Data not available (e) North-South Average 80% sunny face	Data not available (e) North-South Average 60% sunny face
9.	Facilities resources.		

	(a) Landing ground. (b) Dropping Zone. (c) Food stuffs. (d) Labour local availability and need for import. (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	NIL NIL Local fruits & vegetable available local labour is not available mostly work done by Nepali Labour.	NIL NIL Local fruits & vegetable available local labour is not available mostly work done by Nepali Labour
10.	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	agricultural land -100%	agricultural land 100%
11.	Approximate Const. Cost.	84.00 lacs, Total 3.00 km length	84.00 lacs, Total 3.00 km length
12.	Access point indicating possibility of induction of equipment.	Medium type of equipment can be taken up to starting point.	Medium type of equipment can be taken up to starting point.
13.	Period required for construction.	2 year	2 year
14.	Strategic Consideration.	Nil	Nil
15.	Important villages, towns and markets centers to be connected.	3	3
16.	Recreational potential.	It will develop tourisms and recreational means in this area	It will develop tourisms and recreational means in this area
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	More then 600 100%	More then 500 100%
18.	other major development projects being taken up electric projects etc.	--	--
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	--	--
	(iv) Availability of contractors for collection and carriage of construction material(v) working period available for construction of work.	--	--

20.	Total No. of trees to be removed .		
21.	Average Density of forest cover .		
22.	Total No. of Merits	After constt. Of this road more then 100% population of this area will be benefited.	After constt. Of this road more then 100% population of this area will be benefited.
23.	Total No. of Demerits	Minimum forest wealth affected in this alignment.	Minimum forest wealth affected in this alignment.

RECOMMENDATIONS:

Alignment no. (1) Recommended for approval being more economical, useful & technically feasible.

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,P.WD./UA

Assistant Engineer

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प्रान्तीय खण्ड लो०नि०वि०
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Executive Engineer

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