

संलग्नक सं०-2.4

Performa for comparison between identified alignment

कार्य का नाम- जनपद अल्मोड़ा के विधानसभा क्षेत्र अल्मोड़ा के अन्तर्गत कोसी दौलाघट मोटर मार्ग से धौतिगाड़- पंचगौव-स्यूरा
लिंक मोटर मार्ग का निर्माण कार्य लम्बाई 6.00 कि०मी०।

S.No.	Description of Items	Alignment No.1	Alignment No.2
1	2	3	4
1	Detail of route vis-a-vis topography of the area.	This road will start from SH11(Almora-Gwaldam-Karnaprayag) Motor Road From Km. 13.00. This area is situated in Block Hawalbagh and Distt. Almora.	This road will start from Koshi- Daulaghat Motor Road Km. 1.00 This area is situated in Block Hawalbagh and Distt. Almora.
2	Length of road	6.00 K.M	6.00 K.M
3	Bridging requirements- Number, Length	Nil	1 No. Bridge, 30 mtr Span
4	(a) Gradient in different stretches of the alignment.	1:24 F, 1:24R, 1:20R, 1:20F, 1:22R, 1:18F, 1:40 R, 1:40F & Level	1:20F, 1:40 F, 1:24 F, 1:40 R 1:24R, 1:30F & Level
	(b) Curves, Hair Pin, bends etc.	Convex & Concave, spiral curve shall be used for transition H.P. bend- 6	Convex & Concave, spiral curve shall be used for transition H.P. bend- 8
5	Existing means of communication Mule path, Jeep Track, etc.	Mule path/foot track	Mule path/foot track
6	Right of way bringing out constraints on account of built - up area, monuments, and other structures.	-	-
7	Terrain & Soil conditions .		
	7.1. Geology of the area	As per attached Geologist report	As per attached Geologist report.
	7.2. Nature of soil	O.S. & O.R., H.R.	O.S. & O.R., H.R.
	7.3. Road length passing through-		
	(i) Mountainous terrain	100%	100%
	(ii) Steep terrain	Nil	Yes
	(iii) Rock stretches with indications of loose rock conditions.	Nil	Yes
	(iv) Area subject to avalanches And snowdrifts	Nil	Nil
	(v) Slip-prone areas	Nil	Nil
	7.4. Cliffs and Georges	Nil	Nil
	7.5. Drainage characteristics of the area including susceptibility to flooding	Good drainage	Good drainage
	7.6. General elevation of the road indicating maximum and	Max. RL. 1186.01 M	Max. RL. 1186.01 M
	Minimum heights negotiated by main ascents and descent.	Min. RL. 1000 M	Min. R.L. 998.04 M
	7.7. Total numbers of ascent and descents	6 Ascent 5 Descent	6 Ascent 7 Descent
	7.8. Vegetation - extent and type	Bushes, plants and some trees etc. Exact no and type as per forest deptt.	Bushes, plants and some trees etc. Exact no and type as per forest deptt.

8	Climatic conditions		
	8.1. Temperature monthly	Max. 4 ⁰ (Apprx.)	Max. 4 ⁰ (Apprx.)
	maximum/minimum.	Min. 45 ⁰ (Apprx.)	Min. 45 ⁰ (Apprx.)
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent	900mm	900mm
	8.3. Snowfall data- average annual, peak intensities monthly distribution (to the extent available)	Few times in winters in short area.	Few times in winters in short area.
	8.4. Wind direction.	General type	General type
	8.5. Fog conditions.	During winter and rainy season	During winter and rainy season
	8.6. Exposure to sun.	95% of the length	95% of the length
	8.7. Unusual weather condition like cloudbursts etc.	Occassional	Occassional
9	Facility/Resources.		
	9.1. Landing ground	-	-
	9.2. Dropping zone	-	-
	9.3. Foodstuffs.	Foodstuffs are there	Foodstuffs are there
	9.4. Labour local availability & need for import.	+	Local & Nepali. Labour will be needed
	9.5. Construction materials,	stone within 1-3 Km	stone within 1-3 Km
	timber bamboo, sand	far available, sand	far available, sand
	stone, shingle etc.	and shingles quarry in	and shingles quarry in
	Availability and leads involved.	Haldwani	Haldwani
10	Value of land.		
	10.1 Agriculture land, Irrigated land,	As per Circle Rate.	As per Circle Rate.
	10.2 Built up land, Forestland etc.	Nil	Nil
11	Approximate construction cost	23.98 Lacs	23.98 Lacs
12	Access points indicating possibility of induction of equipments.	-	-
13	Period required for construction	After transfer of land -2 year	After transfer of land -2 year
14	Strategic considerations	Good	Good
15	Recreational potential	Possibilities are there	Possibilities are there
16	Important villages town and marketing centers to be connected	Panchgaaon, Syura, Paisaari And Barsimi	Panchgaaon, Syura, Paisaari And Barsimi
17	Economic Factors:		
	(a) Population served by the Alignment	343	343

	(b) Agriculture and economic potential of the area.	Agricultural Products will reach up to nearest market and farmers will get good price. Employment will generate	Agricultural Products will reach up to nearest market and farmers will get good price. Employment will generate
18	Other major developmental project being taken up in the area e.g. hydroelectric projects	-	-
19	Miscellaneous such as, camping sites, law and order problems, royalty charges, availability of contractors for collection and carriage of construction materials.	Condition are favourable,	Condition are favourable
20	Working period available for construction work etc.	Working period available whole year except rainy season	Working period available whole year except rainy season
21	Total No. of Merits	1- Transportaion is easy to being standard gardiaent. 2- Less road length due to Minimum hair pin Bends. 3- Less forest and cultivated Land Affected.	1- Transportaion is easy to being standard gardiaent. 2- More road length due to Maximum hair pin Bends. 3- More Cultivated and forest land Affected.
22	Total No. of Demerits	Nil	All villagers are not agree with this alignment.
23	Total No. of Merits	1- Transportaion is easy to being standard gardiaent. 2- Less forest land Affected.	Nil
24	Total No. of Demerits	Nil	All villagers are not agree with this alignment.

RECOMMENDATIONS:

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

AD

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सहायक अभियन्ता,
प्रान्तीय खण्ड, लो. नि. वि.
अल्मोड़ा,

अविश्वसी अभियन्ता,
प्रान्तीय खण्ड, लो. नि. वि.
अल्मोड़ा.

प्रिन्सिपल
वन विभाग

अल्मोड़ा वन प्रभाग
अल्मोड़ा

अल्मोड़ा वन प्रभाग
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अल्मोड़ा वन प्रभाग, अल्मोड़ा