

Performa for comparison between identified alignment

कार्य का नाम-

जनपद अल्मोड़ा में कठपुड़िया-बंगसर मोटर मार्ग का निर्माण।

S.No.	Description of Items	Alignment No.1	Alignment No.2
1		3	4
1	Detail of route vis-à-vis topography of the area.	This road will start from shitlakhet-Kathpuriya-daulaghat Motor Road. (Km 12.00) This area is situated in Block Hawalbagh and Distt.	This road will start from shitlakhet-Kathpuriya-daulaghat Motor Road. (Km 12.00) This area is situated in Block Hawalbagh and Distt. Almora.
2	Length of road	3.00 Km	3.00 Km
3	Bridging requirements- Number, Length	Nil	Nil
4	(a) Gradient in different stretches of the alignment.	1:20F, 1:24F & Level	1:20F, 1:24F & Level
	(b) Curves, Hair Pin, bends etc.	Convex & Concave, spiral curve shall be used for transition H.P. bend-01	Convex & Concave, spiral curve shall be used for transition H.P. bend- 03
5	Existing means of communication Mule path, Jeep Track, etc.	Foot Track	Foot Track
6	Right of way bringing out constraints on account of built - up area, monuments, and other structures.	Build up Area	Build up Area
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	E&B & H.S. V.H.S.	E&B & H.S. V.H.S.
	7.3. Road length passing through-	-	-
	(i) Mountainous terrain	1.00	1.00
	(ii) Steep terrain	1.05	1.05
	(iii) Rock stretches with indications of loose rock conditions.	0.5	0.5
	(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 fooding	Good drainage	Good drainage

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	7.6. General elevation of the road indicating maximum and	Max. RL. 1620.00 M	Max. RL. 1605.00 M
	Minimum heights negotiated by main ascents and descent.	Min. RL.1443.00 M	Min. RL. 1489.00 M
	7.7.Total numbers of ascent & descents	-	-
	7.8. Vegetation - extent and type	Nap Land and Forest Land	Nap Land and Forest Land
8	Climatic conditions		
	8.1. Temperature monthly maximum/minimum.	Max. 35 ⁰ (Apprx.) Min. 0 ⁰ (Apprx.)	Max.35 ⁰ (Apprx.) Min. 0 ⁰ (Apprx.)
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	-	-
	8.3. Snowfall data- average annual, peak intensities monthly distribution (to the extent available)	-	-
	8.4. Wind direction.	-	-
	8.5. Fog conditions.	Fog Occurs in rainy season	Fog Occurs in rainy season
	8.6. Exposure to sun.	Yes	Yes
	8.7. Unusual weather condition like cloudbursts etc.	No	No
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	Local & Nepali. Labour will be needed
	9.5. Construction materials, timber bamboo, sand stone, shingle etc.	stone within 1.0 Km	stone within 1.0 Km
	Availability and leads involved.		
10	Value of land.	-	-
	10.1 Agriculture land, Irrigated land, 10.2 Built up land, Forestland etc.	As per Govt Rate.	As per Govt Rate.
11	Approximate construction cost	105.00 Lacs	105.00 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	Bangser	Bangser
17	Economic Factors :	-	-
	(a) Population served by the Alignment	145	145
	(b) Agriculture and economic potential of the area.	-	-
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.	Contractor available locally	Contractor available locally
20	Working period available for construction work etc.	September to June	September to June
20	Total No. of trees to be removed .	208	351
21	Average Density of forest cover	0.4	0.4
21	Total No. of Merits	Shortest distance and 1.0 Nos H.P. bend. All villagers agreed with this alignment.	Longest distance and 3 Nos H.P. bends. All villagers not agreed with this alignment.
22	Total No. of Demerits	Nil	More Curves are Create a problem of transport.

RECOMMENDATIONS:

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

वन क्षेत्राधिकारी
बल्मोड़ा वन क्षेत्र बल्मोड़ा

वन प्रभारी वनाधिकारी
बल्मोड़ा वन प्रभाग बल्मोड़ा

सहायक अभियन्ता,
प्रांतीय खण्ड, लो० नि० वि०
बल्मोड़ा.

अधिसारी अभियन्ता,
प्रांतीय खण्ड, लो० नि० वि०
बल्मोड़ा.

सहायक वन/संरक्षक
सिबिल एवं सोयम वन प्रभाग,
बल्मोड़ा