संलग्नक सं0-2.4

Performa for comparison between identified alignment

कार्य का नाम— जनपद अल्मोड़ा के विधानसभा क्षेत्र जागेश्वर के अन्तर्गत जलना से टी०आर०सी० तोली मोटर मार्ग के नव निर्माण का कार्य।

S.No.	Description of Items	Alignment No.1	Alignment No.2
1	2	3	4
1	Detail of route vis-à-vis topography of the area.	Saharfatak Motor Road (Km 24	This road will start from Almora Saharfatak Motor Road (Km 24 near Post Office.).This area is situated in Block Lamgara and Distt. Almora.
2	Length of road	3.00 Km	3.00 Km
3	Bridging requirements- Number, Length	Nil	Nil
4	stretches of the alignment.	1:20F, 1:24F, 1:30F & Level 1:40R Convex & Concave, spiral curve shall be used for transition H.P. bend- 04	Convex & Concave, spiral curve shall
5	Existing means of communication Mule path,	-	-
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	E&B, O.R. & H.S. V.H.S.	E&B, O.R. & H.S. V.H.S.
	7.3. Road length passing through-	-	
	(i) Mountainous terrain	100%	100%
1	(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 fooding	Good drainage	Good drainage
	the area including		

	7.6. General elevation of the road indicating maximum and	Max. RL. 1900.00 M	Max. RL. 1900.00 M
	Minimum heights negotiated by main ascents and descent.	Min. RL.1844.12 M	Min. RL. 1821.20 M
	7.7. Total numbers of ascent and	2 ascent	2 ascent
	descents	1 decent	1 decent
	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		0
	8.1. Temperature monthly	Max. 8 ⁰ (Apprx.)	Max. 8 0 (Apprx.)
	maximum/minimum.	Min. 35 ⁰ (Apprx.)	Min. 35 ⁰ (Apprx.)
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	1000 MM	1000 MM
	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.	Nil	Nil
	8.6. Exposure to sun.	95% of the length	70% of the length
	8.7. Unsual weather condition like cloudbursts etc.	Very Less	Very Less
9	Facility/Resources.		
	9.1. Landing ground9.2. Dropping zone9.3. Foodstuffs.9.4. Labour local availability & need for import.9.5. Construction materials,	Foodstuffs are there Local & Nepali. Labour will be needed stone within 1-3 Km	Foodstuffs are there Local & Nepali. Labour will be needed stone within 1-3 Km
	timber bamboo, sand stone, shingle etc. Availability and leads involved.	far available, sand and shingles quarry in Haldwani	far available, sand and shingles quarry in Haldwani
10	Value of land.	As per Circle Rate.	As per Circle Rate.
	10.1 Agriculture land, Irrigated land, 10.2 Built up land, Forestland etc.	As per Revenue and forest Deptt	As per Revenue and forest Deptt
11	Approximate construction cost	17.55 Lacs	17.55 Lacs
12	Access points indicating possibility of induction of equipments		-

13	Period required fo construction	After transfer of land -1 year	After transfer of land -1 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	3	Almora, Lamgara
17	Economic Factors:		
	(a) Population served by the Alignment	700	700
	(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	I	-
19	Miscellaneous such as, camping sites, law and order problems, royalty charges, availability of contractors for collection and carriage of construction materials.	villagers are agree to this route because one of village named	Condition are favourable, as villagers are not agree to this Alignment.
20	Working period available for construction work etc.	Working period available whole year except rainy season	Working period available whole year except rainy season
20	Total No. of trees to be removed.	293	354
21	Average Density of forest cover .	.4	.4
21	Total No. of Merits	1- Transportaion is easy to being standard gardiaent. 3- Less forest land Affected.	Nil
22	Total No. of Demerits		All villagers are not agree with this alignment.

RECOMMENDATIONS:

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

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Note - Signature and approval of the concerned DFO is essential.

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