

# ALIGNMENT REPORT

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2.4

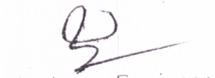
कार्य का नाम- जनपद अल्मोड़ा के विधानसभा क्षेत्र सोमेश्वर रौलाखरक-तिनगेर मोटर मार्ग का नवनिर्माण कार्य।

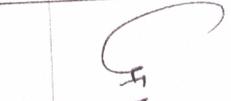
No.	Description of Items	Alignment No.1	Alignment No.2
1	2	3	4
1	Detail of route vis-à-vis topography of the area.	This road will start from Km-07 of Goluchina Srikhet Bhitarkot Motor Road. This area is situated in Block Dwarahat and Distt. Almora.	This road will start from Km-07 of Goluchina Srikhet Bhitarkot Motor Road. This area is situated in Block Dwarahat 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.	1:16R, 1:18R, 1:20R, 1:22R, 1:40R & Level	1:17R, 1:20R, 1:24R, 1:40R & Level
	(b) Curves, Hair Pin, bends etc.	Convex & Concave, spiral curve shall be used for transition H.P. bend- 03	Convex & Concave, spiral curve shall be used for transition H.P. bend- 04
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 Geological report	As per attached Geological 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%
	(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. 1634.00 M	Max. RL. 1648.53 M
	Minimum heights negotiated by main ascents and descent.	Min. RL 1545.00 M	Min. RL. 1545.00 M

7.7. Total numbers of ascent and descents	5 ascent 3 Decent	5 ascent 6 Decent
7.8. Vegetation - extent and type	Chir Forest.	Chir Forest.
Climatic conditions		
8.1. Temperature monthly maximum/minimum.	Max. 35 <sup>o</sup> (Apprx.) Min. 8 <sup>o</sup> (Apprx.)	Max. 35 <sup>o</sup> (Apprx.) Min. 8 <sup>o</sup> (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.	During winter and rainy season	During winter and rainy season
8.6. Exposure to sun.	80% of the length	80% of the length
8.7. Unusual weather condition like cloudbursts etc.	Occasional	Occasional
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. Availability and leads involved.	stone within 1-3 Km far available. sand and shingles quarry in Ramnagar & Haldwari.	stone within 1-3 Km far available. sand and shingles quarry in Ramnagar & 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	13.59	13.59
12 Access points indicating possibility of induction of equipments	-	-
13 Period required for 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	Ranikhet	Ranikhet
17 Economic Factors :		
(a) Population served by the Alignment	1200	200
(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	-	-

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
Working period available for construction work etc.	Working period available whole year except rainy season	Working period available whole year except rainy season

  
 Additional Assistant Engineer  
 (A.A.E.)

  
 Assistant Engineer  
 (A.E.)

  
 Executive Engineer  
 (E.E.)

Recommendation of Superintendent Engineer :-The Road alignment No.1 is recommended.

*Approved*

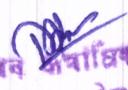
*Approved*

समस्त रजन सं. 1 जो नम्बरो में  
 जाल रज सं से दर्शाया गया है  
 इसके बारे में संरक्षित के  
 द्वारा पर अनुमोदित किया  
 जाता है।

Superintendent Engineer

बधीश्वर अभियन्ता,  
 प्रथम दत्त, लोक निर्माण विभाग  
 बलभोड़ा

*कामपानिधि  
 की प्रयोग*

  
 क्षेत्र प्रशासिकाधी  
 अधिवर वर क्षेत्र (बलभोड़ा)

  
 क्षेत्र प्रशासिकाधी  
 अधिवर वर क्षेत्र (बलभोड़ा)