

ALIGNMENT REPORT

कार्य का नाम—

मा0 मुख्यमंत्री घोषणा संख्या-507/2014 के अन्तर्गत जनपद अल्मोड़ा के विधान सभा क्षेत्र जागेश्वर के अन्तर्गत पूनागढ़-नाटाडोल मोटर मार्ग से सैम मन्दिर से नौली तक मोटर मार्ग का नव निर्माण कार्य का समरेखण प्रस्ताव।

S.No.	Description of Item	Alignment No. 1	Alignment No. 2	Remarks
1	2	3	4	5
1	Detail of route vis-à-vis topography the area.	This road will be start from Poonagarh-Natadol under P.M.G.S.Y. motor road this area is situated in Block Lamgara and Distt. Almora	This road will be start from Poonagarh-Natadol under P.M.G.S.Y. motor road this area is situated in Block Lamgara and Distt. Almora	
2	Length of road.	3.00 K.M.	3.00 K.M.	
3	Bridging requirement- Number, Length.	Nil	Nil	
4	(a) Gradient in different stretches of the alignment. (b) Curves, Hair Pin Bends etc.	1:20F, 1:20R, 1:24F, 1:60R 1:60F Level Convex & Concave, spiral curve shall be used for transition H.P. bend-00	1:20F, 1:24F, 1:40F Level 1:17F Convex & Concave, spiral curve shall be used for transition H.P. bend-4	
5	Existing means of communication Mule path, Jeep Track etc.	-	-	
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 7.2. Nature of Soil 7.3. Road length passing through- (i) Mountainous terrain (ii) Steep terrain (iii) Rock stretches with indications of loose rock conditions. (iv) Area subject to avalanches and snowdrifts (v) Slip-prone areas	As per Geologist E&B, O.R. & H.S., V.H.S. 100% Nil Nil Nil Nil	As per Geologist E&B, O.R. & H.S., V.H.S. 100% Nil Nil 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	Max. R.L. 2046.00 M	Max. R.L. 2046.00 M	

	indicating maximum and minimum heights negotiated by main ascents and descent.	Min. R.L. 2038.240M	Min. R.L. 1922.275M	
	7.7. Total number of ascents and descents.	1 ascent 0 descent	4 ascent 0 descent	
	7.8. Vegetation – extent and type	Brushes plants and some trees etc. Exact no. and type as per forest deptt.	Brushes plants and some trees etc. Exact no. and type as per forest deptt.	
8	Climatic conditions			
	8.1. Temperature monthly maximum/minimum.	Min. 5Degree (Approx) Min. 25Degree (Approx)	Min. 5Degree (Approx) Min. 25Degree (Approx)	
	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. 8.6. Exposure to sun. 8.7. Unusual weather condition like cloudbursts etc.	1000mm Few times in winters in short area. General type Nil 95% of the length Very less	1000mm Few time in winters General type Nil 95% of the length Very less	
9	Facility/Resources.			
	9.1. Landing ground. 9.2. Dropping zone. 9.3. Foodstuffs. 9.4. Labour local availability & need for import. 9.5. Constructions materials, timber bamboo, sand, stone, shingle etc. Availability and leads involved.	Foodstuffs are there Local & Nepali Labour will be needed. Stone within 1-2 Km. far available, sand and shingles quarry in Haldwani.	Foodstuffs are there Local & Nepali Labour will be needed. Stone within 1-2 Km. far available, sand and shingles quarry in Haldwani.	
10	Value of land.			
	10.1 Agriculture land, Irrigated land	As per Circle Rate	As per Circle Rate	
	10.2 Build up land, Forestland etc.	As per Revenue and forest Deptt.	As per Revenue and forest Deptt.	
11	Approximate construction cost	25.49 Lacs	25.49 Lacs	
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	Shaharfatak	Shaharfatak	

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	marketing centers to be connected			
17	Economic Factors:			
	(a) Population served by the Alignment (b) Agriculture and economic potential of the area	1500 Agriculture products will reach up to nearest market and farmers will get good price. Employment will generate	750 Agriculture products will reach up to nearest market and farmers will get good price. Employment will generate	
18	Other major development 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 favorable	Condition not favorable, as villagers are not agree to this route. This maximum nap land used in the alignment.	
20	Working period available for construction work etc.	Working period available whole year expect rainy season	Working period available whole year expect rainy season	

Recommendation of Executive Engineer:- The Alignment No. 1 is recommended.

Junior Engineer

Executive Engineer

Superintending Engineer

समरखण संख्या ① जो नक्शे में लाल रंग से दर्शाया गया है, EE की सहमति के आधार पर अनुमोदित किया जाता है।

बनौत, लोक निर्माण विभाग
बनौत

वन विभाग

उत्तरी गोला वन

वन विभाग (नैनीताल)

उप प्रभागीय वन अधिकारी (मं०)
नैनीताल वन प्रभाग, नैनीताल.

प्रभागीय वन अधिकारी
नैनीताल वन प्रभाग, नैनीताल.