

## ALIGNMENT REPORT

कार्य का नाम:- जनपद अल्मोड़ा के विधान सभा क्षेत्र- सोमेश्वर के अन्तर्गत मटीला- शीतलाखेत मोटर मार्ग के डाठ से ग्राम मटीला की अनुसूचित जाति बस्ती तक मोटर मार्ग का कार्य (प्रथम चरण)।

S.No.	Description of Items	Alignment No.1	Alignment No.2	Remarks
1	2	3	4	5
1	Detail of route vis-à-vis topography of the area.	This road will start from Kakarighat-Shitalakhet Motor Road (Km. 14.900). This area is situated in Block Tarikhat and Distt. Almora.	This road will start from Kakarighat-Shitalakhet Motor Road (Km. 14.900). This area is situated in Block Tarikhat and Distt. Almora.	
2	Length of road	4.000 Km.	4.200 Km.	
3	Bridging requirements- Number, Length	-	-	
4	(a) Gradient in different stretches of the alignment.  (b) Curves, Hair Pin, bends etc.	1:20 R, Level, 1:30 R.  Convex & Concave, spiral curve shall be used for transition H.P. bend- 5	1:17 R, 1:24 R, 1:20 R. 1:14 R, 1:12 R. 1:30 F, Level  Convex & Concave, spiral curve shall be used for transition H.P. bend- 7	
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	

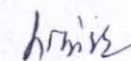


	7.5. Drainage characteristics of the area including susceptibility to flooding	Good drainage	Good drainage	
	7.6. General elevation of the road indicating maximum and	Max. RL. 1774.58 M	Max. RL. 1774.49 M	
	Minimum heights negotiated by main ascents and descent.	Min. RL. 1620.00 M	Min. RL. 1620.00 M	
	7.7. Total numbers of ascent and descents	2 Ascent Nil	4 Ascent 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			
	8.1. Temperature monthly maximum/minimum.	Min. 10 <sup>0</sup> (Apprx.) Min. 35 <sup>0</sup> (Apprx.)	Min. 10 <sup>0</sup> - (Apprx.) Min. 35 <sup>0</sup> (Apprx.)	
	8.2. Rainfall average, annual, peak intensity, monthly description to the extent possible.	1000mm	1000mm	
	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	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	Local & Nepali. Labour will be needed	
	9.5. Construction materials, timber bamboo, sand stone, shingle etc. Availability and leads involved.	stone within 1-2 Km far available, sand and shingles quarry in Haldwani	stone within 1-2.5 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 Built up land, Forestland etc.	Nil	Nil	




11	Approximate construction cost	232.06 Lacs	243.67 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 marketing centers to be connected	Suri, Bhumiya Mandir	Suri, Bhumiya Mandir	
17	Economic Factors :			
	(a) Population served by the Alignment	847	847	
	(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, as villagers are agree to this route because one of village named MATILA will be connected by this alignment and more population will be benefitted.	Condition are favourable	Alignment No. 2
20	Working period available for construction work etc.	Working period available whole year except rainy season	Working period available whole year except rainy season	

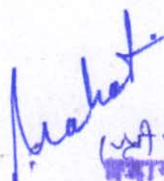
Recommendation of Executive Engineer :-The alignment No.1 is recommended.


  
Junior Engineer

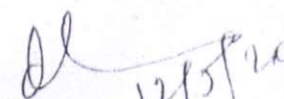
  
Assistant Engineer


  
Executive Engineer

Approval of Superintendent Engineer :-The alignment No.1 is Approved.

  
(S. Ues)  
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(अधीक्षक अभियन्ता)  
प्रदेशीय वनाधिकारी  
अल्मोड़ा वन प्रभाग अल्मोड़ा

  
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