

परियोजना का नाम :- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा में विधानसभा क्षेत्र सल्ट में शहीद हरि सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग (5.625 किमी.) (2.520 हे०)

वैकल्पिक भूमि उपलब्ध न होने व वन भूमि की मांग न्यूनतम होने का प्रमाण— पत्र

प्रमाणित किया जाता है कि उपरोक्त प्रयोजन हेतु आवेदित वन भूमि के अतिरिक्त अन्य कोई वैकल्पिक भूमि उपलब्ध नहीं है व चयनित भूमि पर ही परियोजना का निर्माण किया जा सकता है। आवेदित 2.520 हे० वन भूमि की मांग न्यूनतम है व इससे कम वन भूमि पर परियोजना का निर्माण कार्य जाना सम्भव नहीं है।

अपर सहायक अभियन्ता
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

सहायक अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

अधिशाली अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत

11/10/2016

अ.स.ग.
अ.स.ग.

27/10/2016
आमोडा

बहुसालदार विधिकारों
के साथ सम्बन्धित

उप विभागाधिकारी,
विश्वविद्यालय (अल्मोड़ा)

क. क्षेत्राधिकारी,
श्रीराजी वन क्षेत्र
अल्मोड़ा वन प्रभाग-अल्मोड़ा

अल्मोड़ा वन प्रभाग

प्रमाणित विधिकारी,
अल्मोड़ा वन प्रभाग, अल्मोड़ा

जिला अधिकारी
अल्मोड़ा

COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

कार्य का नाम :- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा के विधानसभा क्षेत्र सल्ट में शहीद हरी सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग का निर्माण।

Sl. No.	ITEM	ALIGNMENT MARKED 1 (Indicated Red)	ALIGNMENT MARKED 2 (Indicated Green)
1.	Details of routes, vis-a-vis, topography of the area Main feature and description of Alignment	Alignment started from Barkinda Manila Dotiyal Motor Road Km 22 to Ratkhal Bazar Link Road to Khud side in Starting rise then village Paisia Puriyachauraj Taulbudhani and fall to connecting village Paisia Puriyachauraj end Near Taulbudhani at Km 03 Hecto 6-8 of Bajkhet Kankot Road	Alignment started from Barkinda Manila Dotiyal Motor Road Km 22 to Ratkhal Bazar Link Road to Khud side in Starting rise then village Paisia Puriyachauraj Taulbudhani and end Near Taulbudhani at Km 03 Hecto 6-8 of Bajkhet Kankot Taulbudhani Turachaura Motor Road
2.	Length of the alignment from starting point to terminal point.	5.625 Km	5.600 Km
3.	Geometric	As per attached sheet and L-Section.	As per attached sheet and L-Section.
A.	Gradient in different stretches of the alignment	1:17R, 1:120R, 1:24F, Level, 1:24F, 1:20F, Level, 1:20F	1:18R, Level, 1:20R, Level, 1:22F, Level, 1:20F, Level, 1:20F
B.	Curve and hair pin bend	HP Bend - 02 Nos, Curve 15.00Mtr. And above	HP Bend - 04 Nos, Curve 15.00Mtr. And above
4.			
A.	Terrain and soil condition		
1.	Geology of road.		
B.	Road length passing through.		
1.	Mountainous terrain cross slope from 25 to 60.	5.625 Km	5.600
2.	Steep terrain cross slope greater than 60	Nil	Nil
3.	Rocky stretches with indication in length in loose.	Nil	Nil

Adl. Assistant Engineer

Assistant Engineer

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प्र.सं.नि.दि.

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COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

2/6

कार्य का नाम :- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा के विधानसभा क्षेत्र सल्ट में शहीद हरी सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग का निर्माण।

Sl. No.	ITEM	ALIGNMENT MARKED 1 (Indicated Red)	ALIGNMENT MARKED 2 (Indicated Green)
4.	Area to subject to avalanches and snow drifts	Nil	Nil
5.	Nature of Soil		
A.	Length of reaches with earth and boulder	3.375 Km.	3.360 Km.
B.	Length of reaches with hard rock/shale	1.125 Km.	1.125 Km.
C.	Length of reaches with medium rock/shale	0.575 Km.	0.550 Km.
D.	Length of reaches with VHR/VHS	0.550 Km.	0.565 Km.
6.	Bridge requirement		
A.	Minor bridge		
i.	Total number	Nil	Nil
ii.	Range of span	Nil	Nil
iii.	General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descents.	L-Section attached	L-Section attached
iv.	Total number of ascents and descents.	-	-
v.	Total water way	N.A.	N.A.
B.	Major bridge		
i.	Total number	N.A.	N.A.
ii.	Range of span	N.A.	N.A.
iii.	Total water way		
iv.	General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descents.	N.A.	N.A.
v.	Total number of ascents and descents.	Nil	Nil
vi.	Length of cliffs and gorges	Nil	Nil

Adl. Assistant Engineer

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अधिकारी अभियन्ता
प्रमुख अभियन्ता
निर्माण

COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

3/6

कार्य का नाम :-

माननीय मुख्यमन्त्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा के विधानसभा क्षेत्र सल्ट में शहीद हरी सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग का निर्माण।

Sl. No.	ITEM	ALIGNMENT MARKED 1 (Indicated Red)	ALIGNMENT MARKED 2 (Indicated Green)
7.	Right of way bringing out construction		
	Approximate area and value.		
i.	Cultivated	2.025 Hect.	2.016 Hect.
ii.	Irrigated	0.202 Hect.	0.202 Hect.
iii.	Unirrigated	1.823 Hect..	1.814 Hect.
8.A.	Existing means of inter-communication (mule-path, jeep, track, etc.)	Bridle Path	Bridle Path
B.	Relation of proposed alignment with existing and under construction road.	Proposed started ahead from Ratkhal Bazar Link Road which is right side of Barkinda Manila Link Road which is right side of Barkinda Dotiyal Motor Road Km 22 to Khud side in Rise & then Fall to connecting village Paisia side in Rise & then Fall to connecting village Puriyachaura, Taulbudhani and end at Km 03 Paisia Puriyachaura, Taulbudhani and end at Hecto 6-8 of Proposed Bajkhet Kankot Km 03 Hecto 6-8 of Proposed Bajkhet Kankot Taulbudhani Turachaura Motor Road . Total 15.625 Km Long new road construction	
9.A.	Availability of road construction material.	Stone for walling	Stone for walling
B.	Location of quarries.	Quarry is not sanctioned in construction area but material obtained from hill side cutting can be used for construction.	Quarry is not sanctioned in construction area but material obtained from hill side cutting can be used for construction.
C.	Average Leads.	5.000 km.	5.000 km.
10.	Facilities/Resources		
a.	Landing ground	-	-
b.	Dropping zone	-	-

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प्रा.सं.सं.नि.दि.०

COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

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कार्य का नाम :- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा के विधानसभा क्षेत्र सल्ट में शहीद हरी सिंह मोटर मार्ग तौलबुधानी से रखखाल तक मोटर मार्ग का निर्माण।

Sl. No.	ITEM	ALIGNMENT MARKED 1 (Indicated Red)	ALIGNMENT MARKED 2 (Indicated Green)
c.	Food stuffs	Rice, Grain, vegetable.	Rice, Grain, vegetable.
d.	Labour locally available or need of import	Few local labour available rest to be imported from out side	Few local labour available rest to be imported from out side
e.	Construction material, timber, bamboo, sand stone, shingle, grits etc. extent of their availability & lead involved	Stone for walling & rest from Ramnagar	Stone for walling & rest from Ramnagar
11.	Access point indication possibility of equipment	Ramnagar, Haldwani	Ramnagar, Haldwani
12.	Climate condition		
A.	Temperature maximum & minimum	30 °C - 00 °C	30 °C - 00 °C
B.	Rainfall data average annual peak intensities, monthly distribution to the extent	Not Available but 300 mm to 800 mm	Not Available but 300 mm to 800 mm
C.	Length of road covered snow, average and period	3.00 Km Length one to two days	3.00 Km Length one to two days
D.	Wind direction and velocity	Approximate East to West and West to East	Approximate East to West and West to East
E.	Fog conditions	During Winter and rainy season	During Winter and rainy season
F.	Exposure to sun	Whole day	Whole day
13.	Drainage characteristics of the area indicating susceptibility to damage.	Drainage is fair	Drainage is fair
14.	Length of land slides.	Nil	Nil
15.	Length of unstable area.	Nil	Nil
16.	Length of heavy snow clearing.	Nil	Nil
17.	Length of Marshy & flooded areas.	Nil	Nil
18.	Length of positions with loose rocks.	Nil	Nil
19.	Period required for construction.	2 Years	2 Years

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COMPARATIVE STATEMENT OF VARIOUS ALIGNMENT

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कार्य का नाम :-- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा के विधानसभा क्षेत्र सल्ट में शहीद हरी सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग का निर्माण।

Sl. No.	ITEM	ALIGNMENT MARKED 1 (Indicated Red)	ALIGNMENT MARKED 2 (Indicated Green)
20.	Vegetation extent/Type.	Partially covered with Crop Farms, Baaj trees, Burans tree, pine trees & pacal bushes.	Partially covered with Crop Farms, Baaj trees, Burans tree, pine trees & pacal bushes.
21.	Critical Expect		
A.	Village following on or within.		
	i. 1st km of the alignment	Rathkhal	Rathkhal
	ii. 2nd km of the alignment	Paisia Puriyachaura	Paisia Puriyachaura
	iii. 3rd km of the alignment		
	iv. 4th km of the alignment		
	v. 5th km of the alignment	Taulbudhani	Taulbudhani
22.	Important village, town/marketing centre connected.	Puriyachaura, Taulbudhani, Manila, Dotiyal	Puriyachaura, Taulbudhani, Manila, Dotiyal
23.	Economics & Industrial consideration :		
	i. Population served by alignment.	590 Nos	590 Nos
	ii. Agricultural, potential for development of forest.	Large scope of agricultural & horticulture development.	Large scope of agricultural & horticulture development.
24.	Scope of agriculture and horticulture development.	Good scope of horticulture	Good scope of horticulture
25.	Extent of forest wealth.	Good	Good
26.	Prospects of development of minor or any other major development project being	Nil	Nil
27.	Approximate cost of construction.	Rs. 337.50 Lacs	Rs. 336.00 Lacs
28.	Merits and Demerits		
A.	Merits	1. Easy gradient	1. Easy gradient
		2. Convenient to local villagers	

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