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प्रपत्र-13

परियोजना का नाम:- जनपद बागेश्वर में लमचूला-गनीगांव मोटर मार्ग का निर्माण ।

वैकल्पिक संरेखण निरस्त किये जाने का प्रमाण पत्र।

प्रमाणित किया जाता है कि परियोजना हेतु विभिन्न उपलब्ध विकल्पों पर विचार किया गया व वर्तमान विकल्प को सर्वदा उपयुक्त पाया गया।

  
प्रभारी प्रमुख विकास अधिकारी  
जनपद बागेश्वर, बागेश्वर  
बागेश्वर

  
अधिसूचक अभियंता  
प्रान्तीय खंड, लो0नि0वि0  
बागेश्वर 29/8/11

  
उप प्रभारी विकास अधिकारी  
बागेश्वर

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18

ALIGNMENT REPORT

कार्य का नाम- मा. मुख्यमंत्री घोषणा सं. 694/2015 के अन्तर्गत जनपद बागेश्वर के  
गरुड़ ब्लॉक के लमछला से गनीगांव तक मोटरमार्ग का समीक्षण  
प्रस्ताव

SL No.	Description of items	Alignment No.1 marked in Red color	Alignment No.2 marked in green color	Remarks
1	2	3	4	5
1	Main features of Alignments	Start of Jalkera-Lamchela M/R Km - 7.00	Start of Jalkera-Lamchela M/R Km - 7.00	
2	Length of road from starting to terminal point.	3.00 Km	3.00 Km	
3	Geometric (a) Gradient in different stretches of the alignment. (b) Curves (c) Hair pin bend numbers	1:24 R, 1:40 R, 1:18 F, 1:20 F, 1:24 F  As per IRC 0.1 MD	1:20 R, 1:24 R, 1:18 F, 1:15 F  As per IRC 0.1 MD	
4	Terrain & Soil conditions (a) Geology of the area (b) Road length passing through- (i) Mountainous terrain (Cross slope 25% to 60%) (ii) Steep terrain (cross slope more than 60%) (iii) Stretches with indications of loose rock conditions. (iv) Areas subjected to avalanches or snowdrifts.	2.50 Km 0.50 Km Nil Nil	2.00 Km 0.50 Km 0.50 Km Nil	
5	Nature of soil (a) Length of reaches with Earth & Boulders. (b) Length of reaches with hard rock/ hard shale. (c) Length of reaches with Medium rock/ Med. shale. (d) Homogeneous rocks.	2.50 Km 0.20 Km 0.30 Km Nil	2.50 Km 0.50 Km Nil Nil	
6	Requirements of Bridges/ Culverts/ Scuppers:- (a) Major bridges. (b) Minor bridges. (i) Total numbers. (ii) Total waterway. (c) Scuppers (R.C.C. slab type) (i) Total numbers. (ii) Range of span. (iii) Total waterway.	10 m span & 15 m span 2 No  18 No 1 m span	20 m & 30 m span 2 No  18 No 1 m span	
7	General elevation of road including maximum & minimum heights by mean ascents & descents. (a) Total numbers of ascents & descents. (b) Length of cliffs & gorges.	Nil Nil	Nil Nil	



8	<p>Land available</p> <p>(a) Right of way bringing out constraints on account of built up area, monuments &amp; other structures.</p> <p>(b) Approximate area &amp; value of Cultivated.</p> <p>(i) Nap Land</p> <p>(ii) Van Panchayat</p> <p>(iii) Civil Soyam</p> <p>(iv) Reserve forest</p>	<p>2.2 Km</p> <p>0.50 Km</p> <p>0.30 Km</p>	<p>2.45 Km</p> <p>0.250 Km</p> <p>0.30 Km</p>	
9	Existing means of intercommunication mule path, jeep, truck etc.	foot Track	foot Track	
10	<p>Availability of road construction materials.</p> <p>(a) Location of quarry.</p> <p>(i) Sand.</p> <p>(ii) Stone.</p> <p>(b) Lead.</p> <p>(i) Sand</p> <p>(ii) Stone.</p>	<p>Local</p> <p>Local</p> <p>2.50 Km</p> <p>2.00 Km</p>	<p>Local</p> <p>Local</p> <p>2.50 Km</p> <p>2.00 Km</p>	
11	<p>Facility / Resources.</p> <p>(a) <del>Weather</del></p> <p>(b) Dropping zone</p> <p>(c) Food stuff.</p> <p>(d) Lab our local availability &amp; lead for import.</p> <p>(e) Construction materials, timber bamboo, sand, stone, shingle etc. availability and lead involved.</p>	<p>Fair</p> <p>NIL</p> <p>NIL</p> <p>Local &amp; Nepali</p> <p>Local</p>	<p>Fair</p> <p>NIL</p> <p>NIL</p> <p>Local &amp; Nepali</p> <p>Local</p>	
12	A.C.C. points indicating possibility of equipment's.	Deptt & Labour	Deptt & Labour	
13	<p>Climatic conditions.</p> <p>(a) Temperature maximum/ minimum.</p> <p>(b) Rainfall average, annual, peak intensity, monthly description to the extent possible.</p> <p>(c) Length of road covered by snow (average &amp; peak)</p> <p>(d) Wind direction.</p> <p>(e) Fog conditions.</p> <p>(f) Exposure to sun.</p>	<p>35°C/4°C</p> <p>10 Cm Avg</p> <p>NIL</p> <p>East</p> <p>NIL</p> <p>Sunny Area</p>	<p>35°C/4°C</p> <p>10 Cm Avg</p> <p>NIL</p> <p>West</p> <p>NIL</p> <p>Sunny Area</p>	
14	Drainage characteristic of the area indicating susceptibility of damages.	Fair	Fair	
15	Length of land slides.	NIL	NIL	
16	Length of heavy clouding.	NIL	NIL	
17	Length of marshy or flooded area.	NIL	NIL	
18	Length of portions with loose rock.	NIL	NIL	



19	Period required for construction.	1 Year	1 Year	
20	Vegetation extent type.	Mix	Mix	
21	Political aspects (villages falling within population) (a) 1 <sup>st</sup> Km of the alignments. (b) 2 <sup>nd</sup> Km of the alignments (c) 3 <sup>rd</sup> Km to 4 <sup>th</sup> Km of the alignment. (d) 5 <sup>th</sup> Km to 6 <sup>th</sup> Km alignment. (e) 7 <sup>th</sup> Km to 7.75 <sup>th</sup> Km alignment	Takera Lamichela Guanigam	Takera-Lamichela Guanigam	
22	Strategic considerations.	Fair	Fair	
23	Economical & Industrial considerations. (a) Population served by the alignment.	More than one thousand	More than one thousand	
24	Recreational potential for development.	Sport, Medical & Education	Sport Medical & Education	
25	Scope of agricultural & horticultural development.	Much Scope	Much Scope	
26	Extent of forest wealth.	NIL	NIL	
27	Approximate cost of each alignment.	155.50 Lacs	155.50 Lacs	
28	Merits/ Demerits (i) (ii) (iii) (iv)	Development Agri culture Education Transport	Development Agri culture Education	
29	Any other important information v.i.s. Other important projects being undertaken in the area required for completion of the work.	Local Public demand this Alignment	Local Public not demand this Alignment	

Recommendation of Executive Engineer:- .

The alignment No. 1 is recommended for construction in view of the above facts

Junior Engineer

Assistant Engineer

अधीक्षक अभियन्ता  
प्रदेशीय खण्ड लो० नि० वि०  
बागेश्वर

Approval of Superintending Engineer.

Superintending Engineer.

Alignment no. 1 shown with red colour approved as recommended by E.E.

अधीक्षक अभियन्ता  
सिबिल वृत्त, लो० नि० वि०  
बागेश्वर