

2.4  
प्रपत्र-13

परियोजना का नाम:- जनपद बागेश्वर के अन्तर्गत स्व० कारगिल शहीद श्री रमेश परिहार के गाँव डुंगरपुर हेतु अमतौड़ा से मोटर मार्ग 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।

प्रभागीय वनाधिकारी  
बागेश्वर वन प्रभाग  
प्रभागीय वनाधिकारी  
बागेश्वर वन प्रभाग, बागेश्वर

अधिशासी अभियंता  
प्रान्तीय खण्ड, लो०नि०वि०  
अधिशासी अभियंता  
प्रा० खण्ड ला० नि० वि०  
बागेश्वर

ALIGNMENT REPORT

15

कार्य का नाम-

जनपद बागेश्वर के अन्तर्गत स्व0 कारगिल शहीद श्री रमेश परिहार के  
गाँव डुंगरपुर हेतु अमतौड़ा से मोटर मार्ग के निर्माण कार्य किमी0  
4(प्रथम चरण)

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 from Gadhigram Amtora Km 6	Start from Gadhigram Amtora Km 6	
2	Length of road from starting to terminal point.	4.00 km	4.00 km	
3	Geometric (a) Gradient in different stretches of the alignment. (b) Curves (c) Hair pin bend numbers	Level, 1:60R, Level, 1:20F, Level, 1:24R, 1:40R, 1:20R, 1:40R, 1:24R, 1:17R, 1:20R, Level  2No	Level, 1:24R, 1:40R, Level, 1:60R, 1:20R, Level  2No	
4	Terrain & Soil conditions (a) Geology of the area (b) Road length passing through- (i) Mountainous terrain (Cross slop 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.	Civil Forest, Nap Land  1.50Km  2.50Km  Nil	Civil Forest, Nap Land  1.50Km  2.50Km  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.	1.00 Km  2.00Km  1.00Km	1.00 Km  2.00Km  1.00Km	
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.	2No  -	2No  -	Photo Copy Attested Chhaya Assistant Engineer P.D.P.W.D Bageshwar

*[Signature]*

*[Signature]*

	General elevation of road including maximum & minimum heights by mean ascents & descents. (a) Total numbers of ascents & descents. (b) Length of cliffs & gorges.	7 No Descent. 1 No Ascents Nil	9 No Descent. Nil	
8	Land available (a) Right of way bringing out constraints on account of built up area, monuments & other structures. (b) Approximate area & value of Cultivated. (i) Nap Land (ii) Van Panchayat (iii) Civil Soyam (iv) Reserve forest	16800 Sqm 11200 Sqm	16800 Sqm 5250 Sqm	
9	Existing means of intercommunication mule path, jeep, truck etc.	Mule Path	Mule Path,	
10	Availability of road construction materials. (a) Location of quarry. (i) Sand. (ii) Stone. (b) Lead. (i) Sand (ii) Stone.	Local Local 5.00Km 1.50Km	Local Local 5.00Km 1.50Km	
11	Facility / Resources. (a) Landing ground (b) Dropping zone (c) Food stuff. (d) Lab our local availability & lead for import. (e) Construction materials, timber etc. availability and lead involved.	Locally & Nepali Stone etc. Locally Available	Locally & Nepali Stone etc. Locally Available	Copy Attested by 1. ....
12	Points indicating possibility of equipment's.	Available with working agency	Available with working agency	Assistant Engineer D.P.W.D. Bageshwar
13	Climatic conditions. (a) Temperature maximum/ minimum. (b) Rainfall average, annual, peak intensity, monthly description to the extent possible. (c) Length of road covered by snow (average & peak) (d) Wind direction. (e) Fog conditions. (f) Exposure to sun.	35°c to 5°c Average 100mm Nil East-West Some time foggy Partly sunny	35°c to 5°c Average 100mm Nil East-West Some time foggy Partly sunny	
14	Drainage characteristic of the area indicating susceptibility of damages.	Fair	Fair	

*Ans:**Ans:*

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.	2 Years	2 Years	
20	Vegetation extent type.	Forest Vegetation Wheat corn etc.	Forest Vegetation Wheat corn etc.	
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 of the alignments (b) 4 <sup>th</sup> Km to 5 <sup>th</sup> Km of the alignment.	Amtora Wazigouan Dugargoun Majway	Amtora Wazigouan Dugargoun Majway	
22	Strategic considerations.	Fair	Fair	
23	Economical & Industrial considerations. (a) Population served by the alignment.	Good 300	Good 300	
24	Recreational potential for development.	Fair	Fair	
25	Scope of agricultural & horticultural development.	Fair	Fair	
26	Extent of forest wealth.	-	-	
27	Approximate cost of each alignment.			
28	Merits/ Demerits (i) (ii) (iii) (iv)	Less Civil forest Area 4 nos of village are connected in this alignment Economical Villagers consent	More Civil forest Area 4 nos of village are connected in this alignment Economical Villagers consent	
29	Any other important information v.i.s. Other important projects being undertaken in the area required for completion of the work.	Nil	Nil	Photo Copy Attested <i>Chhawal</i> Assistant Engineer P.D.P.W.D. Bageshwar

Recommendation of Executive Engineer:-

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

*[Signature]*  
Junior Engineer

*[Signature]*  
Assistant Engineer

*[Signature]*  
Executive Engineer  
आधिकारिक अधिकारी  
प्राकृतिक खण्ड लो०निं०वि०  
बागेश्वर

Approval of Superintending Engineer.

*[Signature]*  
Alignment No. 1 shown with red colour is now  
by approved as recommended by EE  
12.12.16  
अधीक्षण अभियन्ता  
सिविल वृत्त, लो०निं०वि०  
*[Signature]*  
बीमेश्वर