

परियोजना का नाम:- जनपद बागेश्वर में फटगली-धमोली-मालूझाल-ओखलसों 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।

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बागेश्वर जनपद बागेश्वर
बागेश्वर

अधिशाली अभियंता
प्रान्तीय खंड, लो0नि0वि0
बागेश्वर

बागेश्वर जनपद बागेश्वर
बागेश्वर

THUKARA TO FATGALI TO DHAMOLI, MALUJHAL-OKHALSON MOTOR ROAD.

Sl. No.	Item work	Alignment No. 1 (marked in red color)	Alignment No 2 (show in Blue color)
1	2	3	4
1	Details of various topography of the area:- a) Main feature of the alignment description of the alignment.	This alignment start from K.m 12 of Baijnath-Bageshwar-Berinag M/road.	This alignment start from K.m 12 of Baijnath-Bageshwar-Berinag M/road.
2	Length of the alignment (from starting point to sanctioned length)	6.00 Km.	6.00 Km.
3	Geometric:-a) Gradient of different stretches of the alignment (b) Curves and H.P. bands	1:20R,1:24R,1:17R,1:40R,1:17F,1:17R, 1:30R (Km.1.00 to 6.000) 05 Nose H.P. Bands Min Radios of curve 15-50 M	1:24R,1:20R,1:40R,1:40F,1:2F,1:24R (Km.1.00 to 6.000) 04 Nose H.P. Bands Min Radios of curve 15-50 M
4	Terrain soil condition :- 1. Geology of area 1. Road length passing through (a) Mountainous terrain (cross slope 25%-60% (b) steep terrain (cross slope more then 60% (c) Rocky Stretches with indication of length in loose rock stretch (d) Area subjection to avalanches/ snow drifts.		
5	Nature of soil:- i- Length of reaches with E & B ii- Length of reaches with medium rock/shale iii- Length of reaches with V.H.R./V.V.H.R/shale iv- Length of reaches with home rock shale	3000 M 2000 M 1000 M Nil	3000 M 2000 M 1000 M Nil
6	Bridge Requirement:- a) Bridge b) Total nose c) Range of span d) total water way	01 Nos 01 Nos 20.00M 20.00M,	01 Nos 01 Nos 20.00M 20.00M,
7	Major bridge: a) General elevation of the road indication maximum and minimum heights negotiated by main ascends and descend b) Total no. ascends and descends length of cliff.	- - 2 & 1	- - 2 & 1
8	a) Right of way bringing out construction on account of built up Area Mountains other structure. b) Approximate area and value:		

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	c) Cultivated	2.00 Km	2.00 Km
	d) Irrigated	1.00Km	1.00Km
	e) Unirrigated	1.00 Km	1.00 Km
	f) Forest /Benap Land	2.00 Km	2.00 Km
	g) Tree		
9	a) Existing means of other communication as mule path jeep truck etc.	Mule path & Bridle Road	Mule path & Bridle Road
	b) Relation of proposed alignment with exiting under construction road.	-	-
10	a) Availability of road construction materials	30 to 40% stone may be available along the alignment	25% stone may be available at site
	b) Location of quarries	Nil	Nil
	c) Average lead	Nil	Nil
11	Facilities resources:	Fatgali, Kamol, Dhamoli, Malujhal, Okhalson	Fatgali, Kamol, Dhamoli, Malujhal, Okhalson
	d) landing ground	-	-
	e) dropping zone		
	f) food stuffs	Wheat, Rise, Orange, Malta Apple	Wheat, Rise, Orange, Malta Apple
	g) Labour local availability and need for import	Local labours are available a distance of 5 Km. by Motor Road ,Yes	Local labours are available a distance of 5 Km. by Motor Road ,Yes
	h) construction material timber bamboo sand stone and shingle etc extent of this availability & need involved	stone available at site and sand available at a distance of 5Km. by Motor Road	stone available at site and sand available at a distance of 5Km. by Motor Road
12	Access point indicating possibilities of achievement	-	-
13	Climatic condition:-		
	d) Temperature monthly max & min. reading.	App. max 36 ⁰ c Min 4 ⁰ C	App. max 36 ⁰ c Min 4 ⁰ C
	a) Rain fall data average annual/ peak intensity monthly distribution to extent available length of road covered by snow and period.	Not observed	Not observed
	b) Wind direction	East to West	East to West
	c) Fog condition	Not observed	Not observed
	d) exposure of sun	Sunny face	Sunny face
14	Length of land slide	-	-
15	Length of unstable area	-	-

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1	2	3	4
16	Length of heavy clearing	-	-
17	Length of mardy & flooded area	-	-
18	Length & position of home rock	-	-
19	Period required for construction	2 Years	2 Years
20	Vegetation extent type		
21	Political aspects:		
	a) Village falling on within 2.00 km of alignment	Fatgali, Kamol,	Fatgali, Kamol,
	b) Village falling on within 4.00 km of the alignment	Dhamoli,	Dhamoli,
	c) Village falling on within 6.00 km of the alignment	Malujhal, Okhalson	Malujhal, Okhalson
22	Important village town market connected:- Strategic consideration	Bageshwar	Bageshwar
23	Economic and industrial consideration		
	1: Population served by alignment	488	488
24	Recreational potential and potential for development of tourism-	-	-
25	Scope for agriculture and horticulture development	The area is rich in horticulture development	The area is rich in horticulture development
26	Extent of forest wealth	Timber is available	Timber is available
27	Prospect of development project being taken up in the area e.g. hydroelectric project.	-	-
28	Approximate cost of each alignment	Rs. 300.00lacs	Rs. 300.00lacs
29	Merits and demerits:-	i- Length of road -6.00 Km	i- Length of road -6.00 Km
		ii- No. of village benefited - 5Nos.	ii- No. of village benefited - 5Nos.
		iii- type of land -Less forest	iii- type of land - More forest
30	Any other useful information (via. other important project being under taken in the area required for construction of the work)	Nil	Nil
31	Recommendation of the Executive Engineer	Alignment No. 1	-

Junior Engineer
P.D.P.W.D
Bageshwar

Assistant Engineer
P.D.P.W.D
Bageshwar

Executive Engineer
P.D.P.W.D
Bageshwar

Alignment No. 1 Shown with red colour is here by approved as recommended by GO.

चौ. र. व. ड. प्रमाणित

सहायक अभियन्ता
राष्ट्रीय उष्ण लो. वि. वि.
बगेश्वर

31/10/75
निरीक्षण अभियन्ता
सिवल वन, लो. वि. वि.
बगेश्वर