

परियोजना का नाम

:- जनपद बागेश्वर में प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत कपकोट-कर्मो मोटर मार्ग से तोली मोटर मार्ग, (लम्बाई 8.100 कि०मी०) के नव निर्माण हेतु हस्तान्तरण प्रस्ताव।

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly	Hilly
2	Length of Road	8.100	9.250
3	Bridging requirement No. and Length	01 No, 48 m	01 No, 60m.
4	Geometric		
	(a) Gradients	1:20 R, 1:20 F (av)	1:20 F, 1:18 R (av)
	(b) Curves, H.P Bends	Convex and Concave, Spiral curve shall be used for transition. 11 HP Bends.	Convex and Concave, Spiral curve shall be used for transition. 14 HP Bends.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule Path/ Foot Track	Mule Path/ Foot Track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	NIL	NIL
7	(a) Terrain & Soil Condition.	OR & HR	OR & HR
	(vi) Cliffs and gorges.	NIL	NIL
	(vii) Drainage characteristics of the area including susceptibility to flooding.	Good Drainage	Good Drainage
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and descends.	Max. RL 1761.00 m, Min. RL. 1450.00 m, 1 ascent 1 descent	Max. RL 1740.00 m, Min. RL. 1450.00 m, 2 ascent 2 descent
	(ix) Variations extants and types.	Bushes, plants and some trees etc. Exact extent and type as per forest department.	Bushes, plants and some trees etc. Exact extent and type as per forest department.
8.	Climate Condition:(a) Temperature Monthly max. & min. reading.	Max 35 degree & Min. 5 degree	Max 35 degree & Min. 5 degree
	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available)	1150 mm	1150 mm
	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available).		
	(d) Wind direction and velocities.	General Type	General Type
	(e) Fog Condition.	Less	Less
	(f) Exposure to sun.	90 % of the length	90 % of the length
	(g) Unusual weather condition like cloud burst etc.	Very less	Very less

	(a) Landing ground. (b) Dropping Zone. (c) Food stuffs. (d) Labour local availability and need for import. (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Sufficient Foodstuffs Local & Nepali labors will be needed Stone, sand locally available. Grit from Haldwani crusher	Sufficient Foodstuffs Local & Nepali labors will be needed Stone, sand locally available. Grit from Haldwani crusher
10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Cultivated 2,840 Km, Irrigated Nil, Un Irrigated 2,840 Km, Van Panchayat 3,500 Km.	Cultivated 1,600 Km, Irrigated Nil, Un Irrigated 1,600 Civil 5,250 Km, Van Panchayat 2,400 Km.
11.	Approximate Const. Cost.	496.96 Lacs	498.45 Lacs
12.	Access point indicating possibility of induction of equipment.	-	-
13.	Period required for construction.	12 Months	12 Months
14.	Strategic Consideration.	Good	Good
15.	Important villages, towns and markets centers to be connected.	Kapkot, Bugeshwar, Suran, Goziyadhhar, Karmi etc will be connected from Toli Motor Road	Kapkot, Bugeshwar, Suran, Goziyadhhar, Karmi etc will be connected from Toli Motor Road
16.	Recreational potential.	Possibilities Exist	Possibilities Exist
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	808 Agricultural Products will reach up to nearest market and farmers will get good price. Employment will be generated	750 Agricultural Products will reach up to nearest market and farmers will get good price. Employment will be generated
18.	other major development projects being taken up electric projects etc.	-	-
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	- -	- -
	(iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work.	- 12 Months	- 12 Months
20.	Total No. of trees to be removed.	653	670
21.	Average Density of forest cover.	0.2 %	0.2 %
22.	Total No. of Merits	1. Length of the motor road is less according to alignment first. 2. Less trees are getting affected on the construction of road. 3. More and more population of Toli is getting benefit.	1. No 14 Hair Pin bends are coming in this alignment. 2. No 1 Bridge of 48 meter is coming in this alignment.

	coming in this alignment.	coming in this alignment.
	2. More trees are getting affected from the construction of road.	2. More trees are getting affected from the construction of road.
	3. Due to more length of the road, the alignment is passing through maximum part of Civil and Van Panchayat.	3. Due to more length of the road, the alignment is passing through maximum part of Civil and Van Panchayat.

RECOMMENDATIONS:

Alignment no. () Recommended for approval being more economical, useful & technically feasible.


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