

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Alignment passed through rocky part and barren land agricultural land, Reserve Forest	Alignment passed through rocky part and barren land agricultural land, Reserve Forest
2	Length of Road	5.000 Km	8.00 Km
3	Bridging requirement No. and Length	1 No.	2 No.
4	Geometric		
	(a) Gradients	Level 1:20, 1:24 1:40 Fall & Rise	1:20, 1:24 1:40 Fall & Rise
	(b) Curves, H.P Bends	6 Hair pin band	8 Hair pin band
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule Track	Mule Track
6	Right of way, bringing out, construction on account of built up areas, monuments and other structures.	1- Cultivated-1.00 hect 2- Irrigated-Nill 3- Un-irrigated-2.00 hect	1 -Cultivated-2.00 hect 2 -Irrigated-1.00 hect 3 -Un-irrigated-1.00 hect
7	(a) Terrain & Soil Condition.	As Per Geologist Report	
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(ix) Variations extants and types.	(iv) Nill (vii) good natural drainage hence maximum susceptibility (viii) Max elevation - 800.00 mtr. Minimum elevation -645.00 Mtr.	(iv) Nill (vii) good natural drainage hence maximum susceptibility (viii) Max elevation - 800.00 mtr. Minimum elevation -450.00 Mtr.
8	Climate Condition (a) Temperature Monthly max. & min. reading.(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .(d) Wind direction and velocities.(e) Fog Condition.(f) Exposure to sun (g) Unusual weather condition like cloud burst etc.	(a) Temperature Max 35° Min 6° (b) Not available (c) Not available (d) North to South with normal velocities (e) Maximum in winter (f) Sunny Face (g) Not Available	(a) Temperature Max 35° Min 6° (b) Not available (c) Not available (d) North to South with normal velocities (e) Maximum in winter (f) Sunny Face (g) Not Available
9	Facilities resources. (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.	(a) Nil (b) Nil Locally Pauri available Locally labour available Available at site in adequate	(a) NA (b) NA Sufficiently available Sufficiently available Available at site in adequate
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Aggricuture land in 1968 mtr. Civil Forest Land 3036 mtr.	Aggricuture land in 2165 mtr. Civil Forest Land 4030 mtr.
11	Approximate Const. Cost	Rs. 63.00 Lac	Rs. 80.00 Lac

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12	Access point indicating possibility of induction of equipment.	Pauri & Srinagar Garhwal	Pauri & Srinagar Garhwal
13	Period required for construction.	After Sanction 1 Year	After Sanction 1 Year
14	Strategic Consideration.	Geologically good	Geologically good
15	Important villages, towns and markets centers to be connected.	Chama pani, Dhaukandi Kandoli, Godigarth	Chama pani, Dhaukandi Kandoli, Godigarth
16	Recreational potential.	Possibility in future	Possibility in future
17	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	(a) May Developed in Future (b) Will in creare in future	(a) May Developed in Future (b) Will in creare in future
18	Other major development projects being taken up electric projects etc.	Nil	Nil
19	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	Nil	Nil
	(iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work.	Yes After Sanctioned 1 year	Yes After Sanctioned 1 year
20	Total No. of trees to be removed.	06 No.	36 No.
21	Average Density of forest cover		
22	Total No. of Merits	1 Nos.	1 Nos.
23	Total No. of Demerits	Nil	1 Nos.

RECOMMENDATIONS:

Alignment no. (1) Recommended for approval being more economical, useful & technically feasible.

A. Assistant Engineer/J.E.
C.D. P.W.D. Pauri

Assistant Engineer
C.D. P.W.D. Pauri

अविशारी अभिगन्ता
निर्माण एवं
Executive Engineer
C.D. P.W.D. Pauri

Note -

Signature and approval of the concerned DFO is essential.

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