

Performa for comparison between identified alignments

Sl. No.	Variables	Alignment No-1	Alignment No-2
1	Topography	Hill	Hill
2	Length of Road	15.00	15.50
3	Bridging requirement No and Length	Nil	Nil
4	Geometric	As per detail & uploded	As per detail & uploded
	(a) Gradients	Ruling	
	(b) Curves, H.P. Bends	09	11
5	Existing Means of communication, mule path, jeep, Tracks etc.	Pedestrian	Pedestrian
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	9.0 m	9.0 m
7	(a) Train & Soil Condition	Nil, E.B or H.R	Nil, E.B or H.R
	(vi) Cliffs and gorges (vii) Drainage characteristics of the area including supceptibility to flooding (viii) General elevation of dd indicating maximum and minimum height negotiated by main ascends and docends (ix) Variations extants and types.	Nil	Nil
8	Climate Condition (a) Temperature. Monthly max & min reading (b) Mainfall data average annual peak intensities monthly distribution (to the extent availshie) (c) Snowfall data average annual peak intensities monilly distribution (to the extent available) (d) Wind direction and velocities (e) Fog Condition) Exposure to sm.(g) Umanual weather condition like cloud brust etc.	Moderate rainfall	Moderate rainfall
9	Facilities resources (a) Landing ground. (b) Dropping Zone (c) Food stuffs (d) Labour local availability and need for (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Available Available Available Available	Available Available Available Available
10	Value of land, agricultural land. Irrigated land, built up land, forest land etc.		
11	Approximate Const. Cost.	Perliminary cost = 117.75 lac. Detailed cost= 1225.50 lac	Perliminary cost = 178.25 lac. Detailed cost= 1266.35 lac
12	Access point indicating possibility of induction of equipment	Kyri, Dehradun, Nainbag, Thatyur, Vikashnagar	Kyri, Dehradun, Nainbag, Thatyur, Vikashnagar

13	Period required for construction	2.0 year	2.5 year
14	Strategic Consideration	N.A	N.A
15	Important villages, towns and markets centers to be connected.	Kyri, Masras, Kharsi, Thatyur	Kyri, Masras, Kharsi, Thatyur
16	Recreational potential	N.A	N.A
17	Economic Factors		
	(a) Population served by the alignment.	2503	2503
	(b) Agriculture and economic potential of the area.	1.278	1.278
18	Other major development projects being taken up electric projects etc.	Nil	Nil
19	(i) Misc. Such as camping sites	Nil	Nil
	(ii) Law and other problem	Nil	Nil
	(iii) Royalty	Nil	Nil
	(iv) Availability of contractors for collection and carriage of construction material	Very Good	
	(v) working period available for construction of work.	2 year	2 year
20	Total No. of trees to be removed.	2959	3140
21	Average Density of forest cover.	12.222 H.C	12.222 H.C
22	Total No. of Merits	As per detail & uplod	As per detail & uplod
23	Total No. of Demerits	As per detail & uplod	As per detail & uplod

**RECOMMENDATIONS:-**

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

  
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