

**Performa for comparison between identified alignments**

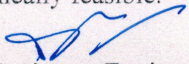
Sl. No.	Variables	Alignment No-1	Alignment No-2
1	Topography.	Hilly Terrain	Hilly Terrain
2	Length of Road	6.500 Km.	7.250 Km.
3	Bridging requirement No. and Length	1.00 (minor)	5.00 (minor)
4	Geometric		
	(a) Gradients	1:20, 1:40, 1:24 Rise/Fall	1:20, 1:40, 1:24 Rise/Fall
	(b) Curves, H.P Bends	2 Nos.	4 Nos.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Track	Track
6	Right of way, bringing out construction on account of built up areas, monuments and other structures.	R.O.W. 9.00 m monuments-Nil	R.O.W. 9.00 m monuments-Nil
7	(a) Terrain & Soil Condition.		
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including susceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and descends.(ix) Variations extants and types.	(vi) No cliffs, 01 Nos Gorges, (vii) drainage Characteristics good susceptibility to floodry- Nil (viii) Maximum height 1166.25 m Minimum Hight 982.63m, Ascend/discend- 01 nos. (ix) variation - 1 nos.	(vi) No cliffs, 05 Nos Gorges, 01 sliding zone (vii) drainage Characteristics good susceptibility to floodry- Nil (viii) Maximum height 1160.00 m Minimum Hight- 983.52m, Ascend/discend- 02 nos. (ix) variation - 2 nos.
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) Maxi-30°C, Mini-03°C (b) Maxi- 500 mm (02 month) - 800 mm (10 month) (c) snowfall - Nil (d) East to west (e) Fog Condition- Nil (f) Suny area (g) Nil	(a) Maxi-30°C, Mini-03°C (b) Maxi- 500 mm (02 month) - 800 mm (10 month) (c) snowfall - Nil (d) East to west (e) Fog Condition- Nil (f) Suny area (g) Nil
9	Facilities resources.	(a) Nil	(a) Nil
	(a) Landing ground.	(b) Nil	(b) Nil
	(b) Dropping Zone.	(C) available	(C) available
	(c) Food stuffs.	(d) Available	(d) Available
	(d) Labour local availability and need for import.	(e) Stone available sand will be carted from Ramnagar.	(e) Stone available sand will be carted from Ramnagar.
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingles etc. extent of their		





10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.	Rs. 10.00 Lacs per hectare.	Rs. 10.00 Lacs per hectare.
11	Approximate Const. Cost.	Rs. 455.00 Lac	Rs. 507.50 Lac
12	Access point indicating possibility of induction of equipment.	From Barikot-Jatha Road	From Barikot-Jatha Road
13	Period required for construction.	1.500 year	1.800 years
14	Strategic Consideration.	Nil	Nil
15	Important villages, towns and markets centers to be connected.	Village Khureri, Kotiyag	Village Khureri, Kotiyag
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(a) Population served by the alignment.	610	610
	(b) Agricultures and economic potential of the area.	Fruits & Vegetables	Fruits & Vegetables
18	other major development projects being taken up electric projects etc.	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	good	good
	(v) working period available for construction of work.	10 months in a year	10 months in a year
20	Total No. of trees to be removed.	15 nos.	28 nos.
21	Average Density of forest cover .	16 Nos per Hect.	29 Nos per Hect.
22	Total No. of Merits	7 nos.	Nil
23	Total No. of Demerits	Nil	07 nos.

## RECOMMENDATIONS:

Alignment no. (01) Recommended for approval being more economical, useful & technically feasible.

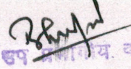
  
A. Assistant Engineer/J.E.  
PMGSY, DIV, PWD  
Dwarahat

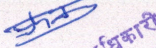
  
Assistant Engineer  
PMGSY, DIV, PWD  
Dwarahat

  
Executive Engineer  
PMGSY, DIV, PWD  
Dwarahat

Note - Signature and approval of the concerned DFO is essential.

  
DFO

  
उप-प्रमुख, वन विभाग  
बलभोर वन प्रभाग बलभोर

  
प्रभारी वन अधिकारी  
बलभोर वन प्रभाग