

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	15.90 Km.	22.50 Km.
3	Bridging requirement No. and Length	1 No. and Length 30 mtr.	1 No. and Length 42 mtr.
4	Geometric		
	(a) Gradients	1:24, 1:20, 1:17, 1:40 Rise/Fall	1:18, 1:17, 1:15, 1:40, 1:20 Rise/Fall
	(b) Curves, H.P Bends	11 Nos.	15 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, 0 Nos Gorges, (vii) drainage Characteristics good susceptibility to flooddry- Nil (viii) Maximum height 1540.00 m Minimum Hight 900.00m, Ascend/discend- 01 nos. (ix) variation - 01 nos.	(vi) No cliffs, 01 Nos Gorges, (vii) drainage Characteristics good susceptibility to flooddry- Nil (viii) Maximum height 1600.00 m, Minimum Hight 900.00m, Ascend/discend- 02 nos. (ix) variation - 02 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 (b) Nil (c) available (d) Available (e) Stone available sand will be carted from Ramnagar.	(a) Nil (b) Nil (c) available (d) Available (e) Stone available sand will be carted from Ramnagar.
	(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.		


2.4 a

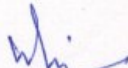
10	Value of land, agricultural land, irrigated land, built up land, forest land etc.	Rs. 10.00 Lacs per hectare.	Rs. 10.00 Lacs per hectare.
11	Approximate Const. Cost.	Rs. 1338.99 Lac	Rs. 1400.50 Lac
12	Access point indicating possibility of induction of equipment.	From Chaukhutia-Ramnagar Motor Road	From Chaukhutia-Ramnagar Motor Road
13	Period required for construction.	3year	3year
14	Strategic Consideration.	Nil	Nil
15	Important villages, towns and markets centers to be connected.	Village Laluri, Kakarkhet, Timta	Village Laluri, Kakarkhet, Timta
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(a) Population served by the alignment.	845	845
	(b) Agriculture and economic potential of the area.	Fruits & Vegetables	Fruits & Vegetables
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	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.	226 nos.	300 nos.
21	Average Density of forest cover .	16 Nos per Hect.	21 Nos per Hect.
22	Total No. of Merits	5 nos.	Nil
23	Total No. of Demerits	Nil	05 nos.

RECOMMENDATIONS:

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


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