

## प्रारूप-13

## Performa for comparison between identified alignments

## Alignment

Sl. No.	Particular	Alignment No.-1	Alignment No.-2
1	Topography	Mountainous	Mountainous
2	Length of road	6.000 KM	6.300 KM
3	Bridging requirement No. and Length	—	—
4	Geometric		
	(a) Gradients	1:20F, 1:40F, 1:20R	1:20F, 1:40F, 1:20R, 1:20F, 1:60F, 1:30F
	(b) Curves, H.P Bends	10 No	11 No
5	Existing Means of communication, mule path, jeep Tracks etc.	Mule Path	Mule Path
6	Right of way, bringing out, construction on account of built up areas, monuments and other structures.	9 mtr	9 mtr
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 main ascends and descends. (ix) Variations extants and types.	Vertical 75 m	Vertical 100 m
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.	Max 40°C Min 05°C	Max 40°C Min 05°C
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.	— locally available	— locally available
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.		
11	Approximate Const. Cost.		
12	Access point indicating possibility of induction of equipment.		
13	Period required for construction.	2 year	2 year
14	Strategic Consideration.		
15	Important villages, towns and markets centers to be connected.	Bahera, Rehendhan Chowya, Khobra	Bahera, Rehendhan Chowya, Khobra
16	Recreational potential.		
17	Economic Factors: (a) Population served by the alignment. (b) Agriculture and economic potential of the area.	450	450
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 (iv) Availability of contractors for collection and carriage of construction material (v) Working period available for construction of work.	Deducted as per norms Locally	Deducted as per norms Locally
20	Total No. of trees to be removed.	45	60
21	Average Density of forest cover.	—	—
22	Total No. of Merits	4	0
23	Total No. Of Demerits	0	4

#### RECOMMENDATIONS:

Proposed Site Recommended for approval being more economical, useful & technically feasible.

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