

प्रारूप-13

Performa for comparison between indentified alignments

Alignment

Sl. No.	Variables	Alignment No.-1	Alignment No.-2
1	Topography	Mountainous	Mountainous
2	Length of road	2.00 km	2.00 km
3	Bridging requirement No. and Length	—	—
4	Geometric		
	(a) Gradients	1:20 F	1:20 F
	(b) Curves , H.P Bends	2 Nos	4 Nos.
5	Existing Means of communication , mule path, jeep. Tracks etc.	Foot path	Foot path
6	Right of way, bringing out, construcion on account of built up areas, monuments and other structures.	9.00 m/2	9.00 m/2.
7	(a) Terrain & Soil Condaton		
	(vi) Cliffs and gorges. (vii) Drainage characteristics of the area including supertibility to flooding. (viii) General elevation of the road indicating maximum and minimum height negotiated main ascends and discends. (ix) Variations extants and types.	Vertical 75 m	Vertical 100 m
8	Climate Condaton: (a) Temperature Monthly max. min reading. (b) Rainfall data average annual peak intensities monthly distribution (to the axtent 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 brust etc.	Max 30°C Min 15°C	Max. 30°C Min 15°C
9	Facilities resources.		
	(a) Landing ground. (b) Dropping Zone (c) Food Stuffs (d) Labour local availability and need for import. (e) Construcion material (Timber, Bamboo , sand Stone, Shingle etc. extent of their availability and lead involved.	— No Locally available	— No Locally available

CE

10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.	17.67 Lac	17.67 Lac
11	Approximate Const. Cost.	103.60 Lac	103.60 Lac
12	Access point indicating possibility of induction of equipment.	NIL	NIL
13	Period required for construction.	1 Year	1 Year
14	Strategic Consideration.	—	—
15	Important villages, towns and markets centers to be connected.	Guloli	Guloli
16	Recreational potential.	NIL	NIL
17	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	114	114
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.	No. Deducted as per Norms Locally	No. Deducted as per Norms Locally
20	Total No. of trees to be removed.	115	122
21	Average Density of forest cover.	—	—
22	Total No. of Merits	2	—
23	Total No. Of Demerits	0	2

RECOMMENDATIONS:

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

सहायक अभियन्ता II
विमान्य खण्ड, लो०नि०वि०
रानीखेत

अभिषेक अभियन्ता
विमान्य खण्ड लो०नि० विभाग
रानीखेत