

प्रारूप-13

Performa for comparison between indetified alignments
Alignment

Sl. No.	Variables	Alignment No.-1	Alignment No.-2
1	Topography	Mountainous	mountainous
2	Length of road	4500 km.	4500 km.
3	Bridging requirement No. and Length	No.	No
4	Geometric		
	(a) Gradients	1:20 F, 1:17 F	1:20 F, 1:17 F
	(b) Curves, H.P Bends	6 No.	7 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 meter	9 meter
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	Vertical
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. 35°C min 20°C	Max. 35°C min 20°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.	No. Locally available	No. Locally available

10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.	31.64 Lacs.	31.64 Lacs.
11	Approximate Const. Cost.	209.70 Lacs	209.70 Lacs.
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.	Bhikyasen, Ramnagar	Bhikyasen, Ramnagar
16	Recreational potential.	NIL	NIL
17	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.		
18	Other major development projects being taken up electric projects etc.	NO	NO.
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.	164	164
21	Average Density of forest cover.	—	—
22	Total No. of Merits	2	0
23	Total No. Of Demerits	0	2

RECOMMENDATIONS:

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

सहायक अभियन्ता
नि० ए०, लो० नि० वि०
रानीखेत

अभियन्ता
निर्माण खण्ड लो० नि० विभाग
रानीखेत