

प्रारूप-13

Performa for comparison between indentified alignments
Alignment

Sl. No.	Variables	Alignment No.-1	Alignment No.-2
1	Topography	Mountaneous	Mountaneous
2	Length of road	3.00 KM	3.00 KM
3	Bridging requirement No. and Length	—	—
4	Geometric		
	(a) Gradients	1:20F, 1:17F, 1:20R	1:20F, 1:17F, 1:40F
	(b) Curves , H.P Bends	05 No	06 No
5	Existing Means of communication , mule path, jeep. Tracks etc.	Mule path	Mule Path
6	Right of way, bringing out, construcion on account of built up areas, monuments and other structures.	9 Mtn	9 Mtn
7	(a) Terrain& Soil Condation		
	(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 Som	Vertical 75 m
8	Climate Condation: (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 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) Construcion 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.		
11	Approximate Const. Cost.		
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.	Sagena, Jandisima, Nauka	Sagena, Jandisima, Nauka
16	Recreational potential.	NIL	NIL
17	Economic Factors: (a) Population served by the alignment. (b) Agriculture and economic potential of the area.	507	507
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.	104 No.	110 No.
21	Average Density of forest cover.	—	—
22	Total No. of Merits	4	0
23	Total No. Of Demerits	0	3

RECOMMENDATIONS:

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

[Signature]

सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
रानीखेत

[Signature]
अधिसूची अभियन्ता
निर्माण खण्ड लो० नि० वि०
रानीखेत