

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	0.60 km	0.75 km
3	Bridging requirement No. and Length	No.	No.
4	Geometric		
	(a) Gradients	1:20R, 1:17R	1:20R, 1:17R
	(b) Curves , H.P Bends	3 Nos.	5 Nos.
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 meter	9 meter
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 53.00 m	Vertical 53.00 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. - 38°C min - 20°C	Max. - 38°C min - 20°C
9	Facilities resources.		
	(a) Landing ground.	No	No
	(b) Dropping Zone		
	(c) Food Stuffs		
	(d) Labour local availability and need for import.	Locally available	Locally available
	(e) Construcion material (Timber, Bamboo , sand Stone, Shingle etc. extent of their availability and lead involved.		

10	Value of land, agricultural land, Irrigated land, built up land, forest land etc.	4,21,875=00	5,27,344=00
11	Approximate Const. Cost.	Rs. 30.96 Lac	Rs. 37.95 Lac
12	Access point indicating possibility of induction of equipment.	NIL	NIL
13	Period required for construction.	6 months	6 months
14	Strategic Consideration.	-	-
15	Important villages, towns and markets centers to be connected.	BHIKASEN	BHIKASEN
16	Recreational potential.		
17	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	219	219
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.	NIL	NIL
21	Average Density of forest cover.	-	-
22	Total No. of Merits	2	0
23	Total No. Of Demerits	0	2

RECOMMENDATIONS:

Alignment no. 1 as.
Proposed Site Recommended for approval being more economical, useful & technically feasible.


Project Manager
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रानीखेत