

## प्रारूप-13

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography		
2	Length of Road	4.00 km	4-30 km
3	Bridging requirement No. and Length	Not Required	Not Required
4	Geometric		
	(a) Gradients	1:20F, 1:15 F or Level	1:15F, 1:20F or Level
	(b) Curves, H.P Bends	10 Nos.	12 Nos.
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path and foot track	Mule path and foot track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	18 mt	18 mt
7	(a) Terrain & Soil Condition.	E & B – 20% H. S. – 40% V.H.S. – 40%	E & B – 20% H. S. – 20% V.H.S. – 60%
	(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 by main ascends and descends.(ix) Variations extants and types.	Scupper and drain	Scupper and drain
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.	Rainfall- May-September Wind directions- North- East  Exposure of sun-Average 70% Sunny face	Rainfall- May-September Wind directions- North- East  Exposure of sun-Average 70% Sunny face
9.	Facilities resources.  (a) Landing ground.  (b) Dropping Zone.  (c) Food stuffs.  (d) Labour local availability and need for	  Yes  Yes  Yes	  Yes  Yes  Yes

	import.	Yes	Yes
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Yes	Yes
10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	All	All
11.	Approximate Const. Cost.	50.40	54.18
12.	Access point indicating possibility of induction of equipment.		
13.	Period required for construction.	2 Year	2 Year
14.	Strategic Consideration.	Yes	Yes
15.	Important villages, towns and markets centers to be connected.	Yes Meila & Tadigowu Village is connected to Pihemgarh Pundi MIR	same as
16.	Recreational potential.	Yes	Yes
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	290 20% of Total	290 22% of Total
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.	Stone 2 Year	Stone 2 Year
20.	Total No. of trees to be removed .	<del>18</del> 9	18
21.	Average Density of forest cover .		
22.	Total No. of Merits		
23.	Total No. of Demerits		

## RECOMMENDATIONS:

Alignment no. ( 1 ) Recommended for approval being more economical, useful & technically feasible.

*Ch*  
Assistant Engineer/J.E.  
P.D.,P.W.D. Pth

*Ch*  
Assistant Engineer  
P.D.,P.W.D. Pth

*Ch*  
Executive Engineer  
P.D.,P.W.D. Pth

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Note - Signature and approval of the concerned DFO is essential