

प्रारूप-13

परियोजना विवरण :- जनपद नैनीताल मे प्रधान मंत्री ग्राम सड़क योजना के अन्तर्गत बरेली-अल्मोड़ा मोटर मार्ग से सिरसा मोटर मार्ग का निर्माण। कि०मी० 1 से 1.75

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2				
1	Topography	Mountainous	Mountainous				
2	Length of Road	1.75	4.00				
3	Bridging requirement No. and	None	None				
4	Geometric						
	(a) Gradients	1:20	1:20				
	(b) Curves, H.P Bends	02 numbers of H.P. bends	3 numbers of H.P. bends				
5	Existing Means of communication, mule path, jeep, Tracks etc.	None	None				
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	Right of way is available for carrying out the construction work. There are no built up area,monuments or other important	Right of way is available for carrying out the construction work. There are no built up area,monuments or other important				
7	(a) Terrain &Soil Condition.	The terrain is hilly and the soil is a	The terrain is hilly and the soil is a				
	(vi) Cliffs and gorges.	None	None				
	(vii) Drainage characteristics of the area including supceptibility to flooding .	The natural Drainage characteristics of the areas is good and there is no susceptibility to flooding.	The natural Drainage characteristics of the areas is good and there is no susceptibility to				
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends						
	(ix) Variations extants and types.						
8	Climate Condition:						
	(a) Temperature Monthly max. & min. reading.	(a) Temperature Monthly max. &	(a) Temperature Monthly max. &				
		Month	Temperature (in °C)	Month	Temperature (in °C)		
		Max	Min	Max	Min		
		January	15	-2	January	15	-2
		Feb.	20	6	Feb.	20	6
		March	25	12	March	25	12
		April	30	17	April	30	17
		may	33	19	may	33	19
		June	30	20	June	30	20
		July	30	20	July	30	20
		August	30	23	August	30	23
		September	30	20	September	30	20
		October	28	16	October	28	16
		November	25	11	November	25	11
		December	18	-1	December	18	-1

(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .	(b) Rainfall data average annual		(b) Rainfall data average annual	
	Month	Average Rainfall	Month	Average Rainfall
	January	72	January	72
	Feb.	74	Feb.	74
	March	75	March	75
	April	35	April	35
	may	46	may	46
	June	135	June	135
	July	320	July	320
	August	270	August	270
	September	145	September	145
	October	65	October	65
	November	10	November	10
	December	30	December	30
(c) Snowfall data average annual peak intensities monthly distribution (to the extent	None		None	
(d) Wind direction and velocities	Owing to the nature of terrain local affect are pronounced and when the		Owing to the nature of terrain local affect are pronounced and when	
(e) Fog Condition.	Generally there are no fog		Generally there are no fog	
(f) Exposure to sun.	The site is exposed to sun		The site is exposed to sun	
(g) Unusual weather condition like cloud burst etc.	There is no record of unusual weather condotion like cloud burst		There is no record of unusual weather condotion like cloud burst	
9 Facilities resources.				
(a) Landing ground.	None		None	
(b) Dropping Zone.	None		None	
(c) Food stuffs.	haldi,Adrak,Mirch,Lehsoon,Dhan,G		haldi,Adrak,Mirch,Lehsoon,Dhan,	
(d) Labour local availability and need for import.	Local labour is available for construction work		Local labour is available for construction work	
(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Stone reqired for the construction work shall be made available locally as it shall be obtained from hill side cutting.However sand requried for the construction work		Stone required for the construction work shall be made available locally as it shall be obtained from hill side cutting.However sand required for the construction work	
10 Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	Value of the land required for the construction of the road in this alignment is as under		Value of the land required for the construction of the road in this alignment is as under	
11 Approximate Const. Cost.	Rs.85 lacs		Rs.200 lacs	
12 Access point indicating possibility of induction of equipment.	Access point available for of induction of equipment.		Access point available for of induction of equipment.	
13 Period required for construction.	12 Month		12 Month	
14 Strategic Consideration.	Deployment of skilled manpower		Deployment of skilled manpower	
15 Important villages, towns and markets centers to be connected.	The Road shall provide connectvity to Village- Sirsa with a population of 481 Number		The Road shall provide connectvity to Village- Sirsa with a population of 481 Number	
16 Recreational potential.	Nil		Nil	
17 Economic Factors:				

	(a) Population served by the alignment.	481 Number	481 Number
	(b) Agricultures and economic potential of the area.	Transportation of the cultivated crops by machanical mens (i.e.	Transportation of the cultivated crops by machanical mens (i.e.
18	other major development projects being taken up electric projects etc.	None	None
19	(i) Misc. Such as camping sites	Camping sites to be located along	Camping sites to be located along
	(ii) Law and other problem	The is no significant law and order	The is no significant law and order
	(iii) Royalty	Royalty is paid to the Revenue	Royalty is paid to the Revenue
	(iv) Availability of contractors for collection and carriage of construction material	Available	Available
	(v) working period available for construction of work.	10 month in a year	10 month in a year
20	Total No. of trees to be removed	26	40
21	Average Density of forest cover	0.2 (Dense Forest)	0.2 (Dense Forest)
22	Total No. of Merits	16	11
23	Total No. of Demerits	5	10

RECOMMENDATIONS:

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

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Note - Signature and approval of the concerned DFO is essential.

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सब प्रशासीय वन-धिकारी (मु०)
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प्रमुख वन-अधिकारी
नैनीताल वन प्रभाग, नैनीताल.



----- Proposed Road
नैनीताल ब. प्रभाग, नैनीताल.

----- Alternate Alignment



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