

**Name Of Project – Patal bhuwneshwar daula nani shitla simayal  
bhul ki adhyali chamachor & chokhuna Moter Road**  
Performa for comparison between identified alignments

Sl.N	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly	Hilly
2	Length of Road	9.300km	9.300km
3	Bridging requirement No. and Length	no	no
4	Geometric	-	-
	(a) Gradients	1:22F,1:24F	1:22F,1:24F
	(b) Curves, H.P Bends	6 no	6NO
5	Existing Means of communication, mule path, jeep, Tracks etc.	Bridle Path multi track	Bridle Path multi track
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	nill	Nill
7	(a) Terrain & Soil Condition.	9.30km	9.300km
	(vi) Cliffs and gorges.(vii) Drainage characteristics of the area including supceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(ix) Variations extants and types.	Nill Good 1200-1500mts	Nill Good 1200-1500mts
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 brust etc.	(a)Max40,min10 (b)june-september (c)No snow area North-east Minor damage&mayoccur during rainy season	(a)Max40,min10 (b)june-september (c)No snow area North-east Minor damage&mayoccur during rainy season
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.	(a)Nill (b)Nill (c)Local food grain available as par (d)Locals&Napalis (e)stone local available sand& grit from haldwani	(a)Nill (b)Nill (c)Local food grain available as par (d)Locals&Napalis (e)stone local available sand& grit from haldwani

10.	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Agricultural-3.465Lac Forest land-4.905 Lac	Agricultural-31.18Lac Forest land-44.14 Lac
11.	Approximate Const. Cost.	204.75Lac	204.75Lac
12.	Access point indicating possibility of induction of equipment.	Pithoragarh-130 km	Pithoragarh-130 km
13.	Period required for construction.	1 year	1 year
14.	Strategic Consideration.	nill	nill
15.	Important villages, towns and markets centers to be connected.	Makargaw,simayal,nanishitla,sela,chamachor	Makargaw,simayal,nanishitla,sela,chamachor
16.	Recreational potential.	May development by this alignment	May development by this alignment
17.	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area.	Agricultures and other local product Total population-1000 S.C population-300	Agricultures and other local product Total population-1000 S.C population-300
18.	other major development projects being taken up electric projects etc.	Nill	nill
19.	(i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty	nill	nill
	(iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work.	Available 12-months	Available 12-months
20.	Total No. of trees to be removed .	374	374
21.	Average Density of forest cover .		
22.	(a) Merits (b) Demerits	1. All Villagers are agree with this alignment 1. More nap land will be effected	1. mostly villagers are not agree with this alignment More forest land and trees will be effected
23.	Total No. of Demerits	-	-

## RECOMMENDATIONS:

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

प्रजा जोशी

J.E/ Assistant Engineer

संजय वर्मा

Assistant Engineer

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