

(15)

**Name of project:- Basolikhan - Chamtola Motor Road to Nayal Dhura Motor Road (Lenth 7.500 K.M.) Under Pradhan mantri Gram Sadak Yojna District Almora**

**Performa for comparison between identified alignments**

Sl. No	Variables	Alignment No-1	Alignment No-2
1	Topography	Civil and Nap land	Civil, Van Panchyat And Nap land
2	Length of Road	7.500 Km	8.000 Km
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	1:10, 1:12, 1:17, 1:20, 1:22, 1:40 level	1:10, 1:12, 1:17, 1:20, 1:22, 1:40 level
	(b) Curves, H.P Bends	04	04
5	Existing Means of communication, mule path, jeep, Tracks etc.	Mule path And Tracks	Mule path And Tracks
6	Right of way, bringing out, construction on account of built up areas, monuments and other structures.	5.250 hact, 7.00m	5.600 hact, 7.00m
7	(a) Terrain & Soil Condition.	E&B/H.B/V.H.S	E&B/H.B/V.H.S
	(i) Cliffs and gorges. (ii) Drainage characteristics of the area i/c supceptibility to flooding (iii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends. (iv) Variations extants and types.	Drainage is Fair	Drainage is Fair
8	Climate Condition:	Max 35°C, Min 4° C	Max 35°C, Min 4°C
	(a) Temperature Monthly max. & min. reading.		
	(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .	Not available	Not available
	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available)	Not available	Not available
	(d) Wind direction and velocities.	N/E	N/E
	(e) Fog Condition.	In Rainy & Winter Season	In Rainy Season
	(f) Exposure to sun.	Almost full day	Almost full day
	(g) Unusual weather condition like cloud burst etc.	No	No
9	Facilities/Resources.		



	(a) Landing ground	-	-
	(b) Dropping zone	-	-
	(c) Food stuffs	-	-
	(d) Labour locally available and need for import.	70% Outside as Nepali & 30% Local	70% Outside as Nepali & 30% Local
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Stone is available locally & rest will have to be cartage from local quarry etc.	Stone is available locally & rest will have to be cartage from local quarry etc.
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	Agriculture development will increased.	Agriculture development will increased.
11	Approximate Const. Cost.	-	-
12	Access point indicating possibility of induction of equipment.	Ghat, Almora and Haldwani	Ghat, Almora and Haldwani
13	Period required for construction.	1 year	1 year 3 months
14	Strategic Consideration.	-	-
15	Important villages, towns and markets centers to be connected.	Ghat, Almora and Haldwani	Ghat, Almora and Haldwani
16	Recreational potential.	No	No
17	Economic Factors:		
	(a) Population served by the alignment.	264 Approx.	264 Approx.
	(b) Agricultures and economic potential of the area.	Agriculture development will increased.	Agriculture development will increased.
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	No	No
	(iii) Royalty	Yes	Yes
	(iv) Availability of contractors for collection and carriage of construction material	Available	Available
	(v) working period available for construction of work.	March to June & October to December	March to June & October to December
20	Total No. of trees to be removed and Affected Forest land	602 (Mainly Chir)	721 (Mainly Chir)
21	Average Density of forest cover .	0.5	0.3
22	Total No. of Merits	Shortest road length, comfortable gradient, technically sound, much public interest,	Nil

