

प्रारूप-13

परियोजना का नाम :- जनपद पौड़ी गढ़वाल विकास खण्ड बीरोंखाल के अन्तर्गत डांडा ग्वीन (ग्राम सभा ग्वीन) तक मोटर मार्ग नवनिर्माण कार्य 4.000 कि०मी० (स्वीकृत लम्बाई 6.000 कि०मी०)

Performa for comparison between identified alignments

Sl. No	Variables	Alignment No-1	Alignment No-2
1	Topography	This Alignment shall be started from km 6.000 of Maithanaghat- Guveen-Rasiyamahadev motor road .	This Alignment shall be started from km 4.000 of Maithanaghat- Guveen-Rasiyamahadev motor road .
2	Length of Road	4.000 km	4.500 km
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	1:17R, 1:18R, 1:20R, 1:22R & 1:40R	1:13R
	(b) Curves, H.P Bends	H.P bend - 5	H.P bend - 7
5	Existing Means of communication, mule path, jeep, Tracks etc.	Bridle Path	Bridle Path
6	Right of way, bringing out. construction on account	Land Width 9mt	Land Width 9mt
7	(a) Terrain & Soil Condition.	Road passing Through mountainous Terrain and Cultivated areas	Road passing Through mountainous Terrain and Cultivated areas
	(vi) Cliffs and gorges.	Nil	Nil
	(vii) Drainage characteristics of the area including supceptibility to flooding .	Good natural drainage hence susceptibility to damage in minimum	Good natural drainage hence susceptibility to damage in minimum
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.	Throught Rise, Level Grade	Throught Fall, Rise, Level Grade
	(ix) Variations extants and types.	NIL	NIL
8	Climate Condition:(a) Temperature Monthly max. &	Max.25-35 C min. 0-15° C	Max.25-35 C min. 0-15° C

	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.	Not Available	Not Available
	(e) Fog Condition.	Some fog in winter & rainy Season	Some fog in winter & rainy Season
	(f) Exposure to sun.	Whole Day	Whole Day
	(g) Unusual weather condition like cloud burst etc.	NIL	NIL
9	Facilities resources.	NIL	NIL
	(a) Landing ground.		
	(b) Dropping Zone.	NIL	NIL
	(c) Food stuffs.	Bajro	Bajro
	(d) Labour local availability and need for import.	Local availability & From Nepal	Local availability & From Nepal
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Quarry of stone locally available and other material from Ram Nagar 10 chain head load	Quarry of stone locally available and other material from Ram Nagar 11 chain head load
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	As per current Circle rate.	As per current Circle rate.
11	Approximate Const. Cost.	220.00 Lac (approx)	330.00 Lac (approx)
12	Access point indicating possibility of induction of equipment.	Equipment will available in Ramnagar	Equipment will available in Ramnagar

13	Period required for construction.	1.5 years	1.5 years
14	Strategic Consideration.	NIL	NIL
15	Important villages, towns and markets centers to be connected.	Guveen Malla, Danda Guveen	Guveen Malla, Danda Guveen
16	Recreational potential.	-	-
17	Economic Factors: (a) Population served by the alignment.	366	366
	(b) Agricultures and economic potential of the area.	local villagers will be benifited to sell there crops to nearby market.	local villagers will be lesser benifited to sell there crops to nearby market.
18	other major development projects being taken up electric projects etc.	NIL	NIL
19	(i) Misc. Such as camping sites	NIL	NIL
	(ii) Law and other problem	NIL	NIL
	(iii) Royalty	NIL	NIL
	(iv) Availability of contractors for collection and carriage of construction material	Local contractor are available for the work.	Local contractor are available for the work.
	(v) working period available for construction of work.	10 Months	10 Months
20	Total No. of trees to be removed	60	93
21	Average Density of forest cover	Not available	Not available
22	Total No. of Merits	1.Shortest route to connect all the clusters of Guveen Malla, Danda Guveen Village and Villagers are agreed with this alignment.	1. Connect all the clusters of Guveen Malla, Danda Guveen.
23	Total No. of Demerits	NIL	1.Alignment passes comparatively hard and vertical strata and sliding zone in more reach and villagers are not agreed with this alignment.

RECOMMENDATIONS:-

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

[Signature]

Junior Engineer
C.D. P.W.D Baijaro

[Signature]

Assistant Engineer
C.D. P.W.D Baijaro

[Signature]

Executive Engineer
C.D. P.W.D Baijaro

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

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उप वन संरक्षक
गढ़वाल वन प्रभाग, पोड़ी