

प्रारूप-13

परियोजना का नाम :- राज्य योजना के अन्तर्गत जनपद पिथौरागढ़ में किल्ल से बर्तियाकोट मोटर मार्ग का नव निर्माण ।


Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	This alignment started from pithoragarh jhulaghat motor road at kill to Bartiyakote	This alignment started from pithoragarh jhulaghat motor road at kill to Bartiyakote
2	Length of Road	4.00 km	4.50 km
3	Bridging requirement No. and Length	Not Required	Not Required
4	Geometric		
	(a) Gradients	1:20R level 1:24R 1:40R 1:20F	1:20R, Level 1:20F 1:40F
	(b) Curves H.P Bends	2nos	3 Nos
5	Existing Means of communication, mule path, jeep, Tracks etc	Mule path	Mule path
6	Right of way, bringing out, construction on account of built up areas, monuments and other structures.	nil	nil
7	(a) Terrain & Soil Condition.	E & B - 50% H. S. - 20% V.H.S. - 30%	E & B - 60% H. S. - 20% V.H.S. - 20%
	(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	Nil	Nil
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		
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.		

10	Value of land, agricultural land, irrigated land, built up land, forest land etc.	Civil land	Civil and nap land
11	Approximate Const. Cost	186.4 lac	209.7 lac
12	Access point indicating possibility of induction of equipment		
13	Period required for construction	2 year	2 year
14	Strategic Consideration		
15	Important villages, towns and markets centers to be connected	Kill Badalu Bartiyakot Mahar Bartiyakote Nayak	Kill Badalu Bartiyakot Mahar Bartiyakote Nayak
16	Recreational potential.		
17	Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area	100% population served by the alingment	90% population served by the alingment
18	other major development projects being taken up electric projects etc.		
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	Local material stone is available at site February to june and September to december	Local material stone is available at site February to june and September to december
20	Total No. of trees to be removed	Nil	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.

A. Assistant Engineer/J.E. 
P.WD./UA

Assistant Engineer
P.WD./UA

Executive Engineer

पिपरीरागढ़

Note - Signature and approval of the concerned DFO is essential