

मा0 मुख्यमंत्री घोषणा में राज्य योजना के अन्तर्गत जनपद चमोली में कर्णप्रयाग-नौटी-पैठाणी राज्य मार्ग 34 से मालई तक मोटर मार्ग के नव निर्माण (लम्बाई कि०मी० 1.625)


Performa for comparison between identified alignments


SI No	Variables	Alignment No-1	Alignment No-2
1	Topography	Hilly Terrain	Hilly Terrain
2	Length of road	1.625 Km	2.00 km
3	Bridging requirement No- and Length	0	0
4	Geometric		
	(k) Gradients	1:20,1:24;1:40 Raise/Level	1:17,1:20,1:24;1:40 Raise/Level
	(l) Curves H.p Bends	3	3
5	Existing Means of Communication on account.mule path.jeep. Tracks etc.	Track	Track
6	Right of way, bringing out, construction on account of built up areas. Monuments and other structures.	R.O.W. 7.00 m Monuments-Nil	R.O.W. 7.00 m Monuments-Nil
7	Terrain & Soil Condition.		
	(a) Cliffs and gorges.(b) Drainage characteristics of the area including supceptibility to flooding.(c) General elevation of the road indicating maximum and minimum height negotiated by main ascends and discends.(d) Variations extants and types.	(a) No cliffs, 0 number Gorges, (b) drainage Characteristics good susceptibility to flood- Nil (c) Maximum height 1640.00 m Minimum Hight 150.00m, Ascend/discend-02 nos. (d) variations- 3 nos.	(a) No cliffs. 01 number Gorges, 01 sliding zone (b) drainage Characteristics good susceptibility to flood- Nil (c) Maximum height 1640.00 m Minimum Hight- 1570.00 m, Ascend/discend-04 nos. (d) variation-4 nos.
8	Climate Condition: (1) Temperature Monthly max. & min, reading. (2) rainfall data average annual peak intensities monthly distribution (to the extent available. (3) Snowfall data average annual peak intensities monthly distribution (to the extent available) (4) Wind direction and velocities. (5) Fog Condition. (6) Exposure to sun. (7) Unusual weather condition like cloud brust etc,	(1) Maxi+30 <sup>0</sup> c,Mini-02 <sup>0</sup> c (2)Maxi+500mm(02 month)-800mm (10 month) (3) Snowfall-yes (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil	(1) Maxi+30 <sup>0</sup> c,Mini-02 <sup>0</sup> c (2)Maxi+500mm(02 month)-800mm (10 month) (3) Snowfall-yes (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil
9	Facilities resource		
	(1)Landing ground.	(1)Nil	(1)Nil
	(2)Dropping Zone.	(2) Nil	(2) Nil
	(3)Food stuffs.	(3) available	(3) available
	(4)Labour local availability and need for import.	(4) available (5)Stone available sand	(4) available (5)Stone available


10	(5) Construction material Timber.Bamboo,sand.stone. shingle etc. extent of their Value of land , agricultural land, irrigated land, bult up land, forest land etc.	will be carried from kaleshwar  Rs. 25.00 lac/hectare.	sand will be carried from kaleshwar  Rs. 25.00 lac/hectare
11	Appoximate const. cost. (Including dumping yard)	Rs 130.00 lac	Rs.160.00 lac
12	Access point indicating possibility of induction fo equipment.	-	-
13	Period required for construction.	1.500 years	1.500 years
14	Strategic Consideration.	Nil	Nil
15	Important Villages, towns and markets centers to be connected.	Malai	Malai
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(1) Population served by the alignment.	505	505
	(2)Agricultures and economic potential of the area.	Fruits & Vegetables	Fruits & Vegetables
18	Other major development projects being taken up electric projects etc.	Nil	Nil
19	(1) Mics, such as camping sites	Nil	Nil
	(2) Law and other Problem	Nil	Nil
	(3) Royalty	Nil	Nil
	(4) Availability of contractors for collection and carriage of construction material	Good	Good
	(5) working period available for construction of work.	09 months in a year	09 months in a year
20	Total No. of trees to be removed	92	125
21	Average Density of forest cover.	60 nos per hect.	65 nos per hect.
22	Total No. of Merits	4 nos.	Nil
23	Total No. of Demerits	Nil	3 nos.

#### RECOMMENDATIONS:

Alignment no. (01) Recommended for approval being more economical, useful  
& technically feasible.

  
Junior . Engineer  
Temp. DIV. PWD  
Gauchar

  
Assistant Engineer  
Temp. DIV. PWD  
Gauchar

  
Executive Engineer  
Temp. DIV. PWD  
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