

राज्य योजना के अन्तर्गत लंगासू-निवाड़ी-खेत-सिलंगी मोटर मार्ग का नव निर्माण

लम्बाई 7.900 कि०मी०


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	7.900	8.10
3	Bridging requirement No- and Length	-	-
4	Geometric		1:18
	(a) Gradients	1:18 , 1:20, 1:40 Raise 1:20 fall & level	1:20 rise & 1:20 fall nd level
	(b) Curves H.p Bends	13	14
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 880.00 m Minimum Hight 850.00m, Ascend/discend-02 nos. (d) variations- 3 nos.	(a) No cliffs, 0 number Gorges, (b) drainage Characteristics good susceptibility to flood- Nil (c) Ascend/discend- 02 nos. (d) variations- 3 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+40 ⁰ c, Mini+ 15 ⁰ c (2) Maxi+500mm(02 month) 800mm (10 month) (3) Snowfall-no (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil	(1) Maxi+40 ⁰ c, Mini+ 15 ⁰ c (2) Maxi+500mm(02 month) 800mm (10 month) (3) Snowfall-no (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil
9	Facilities resourse		
	(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	(4) available
	(5) Construction material	(5)Stone available sand will be carried from kaleshwar	(5)Stone available sand will be carried from kaleshwar

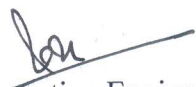
10	Timber.Bamboo,sand.stone. shingle etc. extent of their Value of land , agricultural land, irrigated land, bult up land, forest land etc.	Rs. 32.00 lac/hectare.	Rs. 32.00 lac/hectare.
11	Approximate const. cost. (Including dumping yard)	Rs 551.25 lac	Rs 551.25 lac
12	Access point indicating possibility of induction fo equipment.	-	-
13	Period required for construction.	1.500 years	-
14	Strategic Consideration.	Nil	-
15	Important Villages, towns and markets centers to be connected.	Langasu, Niwari, khet, Silangi	Langasu, Niwari, khet, Silangi
16	Recreational potential.	Nil	-
17	Economic Factors:		
	(1) Population served by the alignment.	628	628
	(2)Agricultures and economic potential of the area.	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	366	
21	Average Density of forest cover.	-	-
22	Total No. of Merits	5 nos.	Nil
23	Total No. of Demerits	Nil	1 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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