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	0.875 Km	0.900 km
3	Bridging requirement No- and Length	0	0
4	Geometric		
	(a) Gradients	1:20,1:40 Raise/	1:20, /Raise/Level
	(b) Curves H.p Bends	2	1
5	Existing Means of Communiction 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 1100.00 m Minimum Hight 1000.00m, Ascend/discend-02 nos. d) variations- 2 nos.	(a) No cliffs. 01 number Gorges, 01 sliding zone (b) drainage Characteristics is **not good** susceptibility to flood (c) Maximum height 1100.00 m Minimum Hight-1000.00 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 clout brust etc,	(1) Maxi+35^0c,Mini-8^0c (2)Maxi+700mm(02 month)-400mm (10 month) (3) Snowfall-Yes (4) East to west (5) Fog condition- nil (6) Sunny area (7) Nil	(1) Maxi+35^0c,Mini-8^0c (2)Maxi+700mm(02 month)-400mm (10 month) (3) Snowfall-Yes (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 availabrility and need for import.	(4) available	(4) available
	(5) Construction material Timber.Bamboo,sand.stone. shingle etc. extent of their	(5)Stone available sand will be cared from kaleshwar	(5)Stone available sand will be cared from kaleshwar
10	Value of land , agricultural land,	Rs. 30.00 lac/hectare.	Rs. 30.00 lac/hectare

	irrigated land, bult up land, forest land etc.		
11	Appoximate const. cost.	Rs. 25.16 lac	Rs.25.16 lac
12	Access point indicating possibility of induction fo equipment.	Srikot KM 0.875	Srikot KM 0.900
13	Period required for construction.	1.000 years	1.000 years
14	Strategic Consideration.	Nil	Nil
15	Important Villages, towns and markets centers to be connected.	Gauchar and Karanpryag	Gauchar and Karanpryag
16	Recreational potential.	Nil	Nil
17	Economic Factors:		
	(1 Population served by the alignment.	105	105
	(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	35	47
21	Average Density of forest cover.	Nil	Nil
22	Total No. of Merits	4 nos.	Nil
23	Total No. of Demerits	Nil	2 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
Gauchar