

प्रारूप-13

Performa for comparison between identified alignments

Sl.No	Variables	Alignment No-1/Site No. 1	Alignment No-2/ Site No. 2
1	Topography	Mountaineous region	Mountaineous region
2	Length of Road	-	-
3	Bridging requirement No. and Length	01 No. 42.00meter	01 No. 48.00 meter
4	Geometric		
	(a) Gradients	level	level
	(b) Curves, H.P Bends	N/A	N/A
5	Existing Means of communication, mule path, jeep, Tracks etc.	By mule	By mule
6	Right of way, bringing out. construction on account of built up areas, monuments and other structures.	N/A	N/A
7	(a) Terrain & Soil Condition.	E&B, HS, VHS	E&B, HS, VHS
	(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:- Nil. b:-Nil c:- Height : 1514 meter d:- Chir, Kunish	a:- Nil. b:-Nil c:- Height : 1514 meter d:- Chir, Kunish
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 brust etc.	a : Max 30 ⁰ C Min 2 ⁰ C b: Average 25cm c: Average 10 cm d: Toward North to east 20-30 Km/H e: Nil f: Good exposure g: Nil	a : Max 30 ⁰ C Min 2 ⁰ C b: Average 25cm c: Average 10 cm d: Toward North to east 20-30 Km/H e: Nil f: Good exposure g: Nil
9.	Facilities resources.		
	(a) Landing ground.	Nil	Nil
	(b) Dropping Zone.	Dhaura	Dhaura
	(c) Food stuffs.	Naitwar	Naitwar
	(d) Labour local availability and need for import.	Local labour available.	Local labour available.
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Construction materal available in bed of River Rupin. Average lead 1.00 Km.	Construction materal available in bed of River Rupin. Average lead 1.00 Kr
10.	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	Forest/Civil land : 0.60 Lacs/Ha	Forest/Civil land : 0.60 Lacs/Ha
11.	Approximate Const. Cost.	168.00	168.00
12.	Access point indicating possibility of induction of equipment.	via Naitwar- Mori- Purola- Vikasnagar/Dehradun	via Naitwar- Mori- Purola- Vikasnagar/Dehradun
13.	Period required for construction.	1 year	1 year
14.	Strategic Consideration.	Development of Tourism. Connectivity to Himanchal Pradesh	Development of Tourism. Connectivity to Himanchai Pradesh
15.	Important villages, towns and markets centers to be connected.	Dhaura, Naitwar	Dhaura, Naitwar
16.	Recreational potential.	Tourism	Tourism
17.	Economic Factors:		
	(a) Population served by the alignment.	Approx 1500	Approx 1500

	(b) Agricultures and economic potential of the area.	Apple, Potato, Tomato, Beans, peas, onion are cultivated.	Apple, Potato, Tomato, Beans, peas, onion are cultivated.
18.	other major development projects being taken up electric projects etc.	N/A	N/A
19.	(i) Misc. Such as camping sites	N/A	N/A
	(ii) Law and other problem	N/A	N/A
	(iii) Royalty	N/A	N/A
	(iv) Availability of contractors for collection and carriage of construction material	From bed of River Rupin	From bed of River Rupin
	(v) working period available for construction of work.	six to eight months	six to eight months
20.	Total No. of trees to be removed .	5	10
21.	Average Density of forest cover .	0.15	0.20
22.	Total No. of Merits	21	15
23.	Total No. of Demerits	-	6

RECOMMENDATIONS:

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

A. Assistant Engineer/J.E.
Construction Division, PWD, Purola

Assistant Engineer
Construction Division, PWD, Purola

Executive Engineer
Construction Division, PWD, Purola

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

27/08/2016
27/08/2016

तहसीलदार
पुरोला

Dy. Director
Govind Wild Sanctuary Park
Purola, Uttarakashi

उप निरीक्षक
पुरोला