

प्रारूप-13

**Performa for comparison between identified alignments**

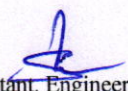
Sl.No	Variables	Alignment No-1	Alignment No-2
1	Topography	Mountaineous region	Mountaineous region
2	Length of Road	4.450 Km.	4.450 Km.
3	Bridging requirement No. and Length	-	-
4	Geometric		
	(a) Gradients	1:18, 1:20	1:17, 1:20
	(b) Curves, H.P Bends	05	06
5	Existing Means of communication, mule path, 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 Max: 2123.89M Min: 1910M d:- Chir, Kukat	a:- Nil. b:-Nil c:- Height Max: 1910M Min: 2167.0M d:- Chir, Kukat
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.	a : Max 28 <sup>0</sup> C Min 2 <sup>0</sup> 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 28 <sup>0</sup> C Min 2 <sup>0</sup> 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.	Thourindadhar	Thourindadhar
	(c) Food stuffs.	Tikochi	Tikochi
	(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 material available in bed of Local River. Average lead 5.00 Km.	Construction materal available in bed of Local River. Average lead 5.00 Km
10.	Value of land, agricultural land, Irrigated land, bult up land, forest land etc,	Napland : 12.4 Lacs /Ha Forest/Civil land : 0.60 Lacs/Ha	Napland : 12.4 Lacs /Ha Forest/Civil land : 0.60 Lacs/Ha
11.	Approximate Const. Cost.	260.00	285.00
12.	Access point indicating possibility of induction of equipment.	via Tuni-Vikasnagar/Dehradun	via Tuni-Vikasnagar/Dehradun
13.	Period required for construction.	1 year	1 year
14.	Strategic Consideration.	Development of Tourism.	Development of Tourism
15.	Important villages, towns and markets centers to be connected.	Kiranu, Dhuniyara, Thurindadhar	Kiranu, Dhuniyara, Thurindadhar
16.	Recreational potential.	Tourism /Transportation/ Communicatio	Tourism /Transportation/ Communication
17.	Economic Factors:		
	(a) Population served by the alignment.	Approx 800	Approx 800

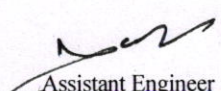


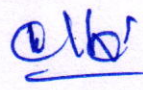
	(b) Agricultures and economic potential of the area.	Rice, Potato, Tomato, Beans, peas, onion are cultivated.	Rice, Potato, Tomato, Beans, peas, onion are cultivated.
18.	other major development projects being taken up electric projects etc.	N/A	N/A
19.	(i) Misc. Such as camping sites	N/A	N/A
	(ii) Law 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 Kamal	From bed of River Kamal
	(v) working period available for construction of work.	six to eight months	six to eight months
20.	Total No. of trees to be removed .	69	72
21.	Average Density of forest cover .	0.80	0.90
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.

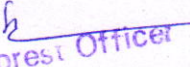
  
A. Assistant Engineer/J.E.  
Construction Division, PWD, Purola

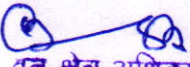
  
Assistant Engineer  
Construction Division, PWD, Purola

  
Executive Engineer  
Construction Division, PWD, Purola

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

  
DFO  
Tons Forest Division

  
Divisional Forest Officer  
Tons Forest Division  
Purola (Uttarkashi)

  
वन क्षेत्र अधिकारी  
कोटीगाड़ रेंज कास्ट