

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	7.600 Km.	8.000 Km.
3	Bridging requirement No. and Length	-	-
4	Geometric		
	(a) Gradients	1:18, 1:20 & 1:24	1:17, 1:20 & 1:24
	(b) Curves, H.P Bends	4	4
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: 1818M Min: 2044M d:- Chir, Kukat	a:- Nil. b:- Nil c:- Height Max: 1818M Min: 2057M 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 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.	Kaleech	Kaleech
	(c) Food stuffs.	Mori	Mori
	(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 Tons. Average lead 8.00 Km.	Construction materal available in bed of River Tons. Average lead 8.00 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.	350.00	362.00
12.	Access point indicating possibility of induction of equipment.	via Purola-Vikasnagar/Dehradun	via Purola-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.	Kaleech, pajudhar	Kaleech, pajudhar
16.	Recreational potential.	Development of transportation and Communicaton .	Development of transportation and Communicaton
17.	Economic Factors: (a) Population served by the alignment.	Approx 600	Approx 600

	(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 Tons	From bed of River Tons
	(v) working period available for construction of work.	six to eight months	six to eight months
20.	Total No. of trees to be removed .	325	360
21.	Average Density of forest cover .	0.4	0.4
22.	Total No. of Merits	21	14
23.	Total No. of Demerits	-	7

RECOMMENDATIONS:

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



J.E.
Construction Division, PWD, Purola



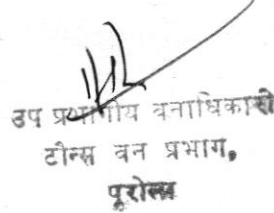
Assistant Engineer
Construction Division, PWD, Purola

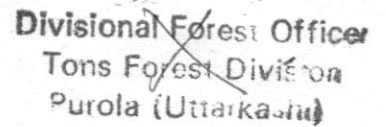


Executive Engineer
Construction Division, PWD, Purola

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


वन क्षेत्राधिकारी
कोटीगाड़ रज, काष्ठा


उप प्रशासक वनाधिकारी
टोन्स वन प्रभाग,
पुरोला


Divisional Forest Officer
Tons Forest Division
Purola (Uttarakashi)