

Performa for comparison between identified alignments

| Sl.No | Variables | Alignment No-1 | Alignment No-2 |
|-------|---|---|---|
| 1 | Topography | | |
| 2 | Length of Road | 1.500 km | 1-650 km |
| 3 | Bridging requirement No. and Length | Not Required | Not Required |
| 4 | Geometric | | |
| | (a) Gradients | 1:20F, 1:15 F or Level | 1:15F, 1:20F or Level |
| | (b) Curves, H.P Bends | 0 Nos. | 0 Nos. |
| 5 | Existing Means of communication, mule path, jeep, Tracks etc. | Mule path and foot track | Mule path and foot track |
| 6 | Right of way, bringing out. construction on account of built up areas, monuments and other structures. | 18 mt | 18 mt |
| 7 | (a) Terrain & Soil Condition. | E & B – 20% H. S. – 40% V.H.S. – 40% | E & B – 20% H. S. – 20% V.H.S. – 60% |
| | (vi) Cliffs and gorges.(vii) Drainage characteristics of the area including susceptibility to flooding .(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and descends.(ix) Variations extants and types. | Scupper and drain | Scupper and drain |
| 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. | Rainfall- May-September Wind directions- North- East Exposure of sun-Average 70% Sunny face | Rainfall- May-September Wind directions- North- East Exposure of sun-Average 70% Sunny face |
| 9. | Facilities resources. (a) Landing ground. (b) Dropping Zone. (c) Food stuffs. (d) Labour local availability and need for | | |

| | | | |
|-----|---|-----|----|
| | import. (e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved. | | |
| 10. | Value of land, agricultural land, Irrigated land, built up land, forest land etc, | | |
| 11. | Approximate Const. Cost. | | |
| 12. | Access point indicating possibility of induction of equipment. | | |
| 13. | Period required for construction. | | |
| 14. | Strategic Consideration. | | |
| 15. | Important villages, towns and markets centers to be connected. | | |
| 16. | Recreational potential. | | |
| 17. | Economic Factors: (a) Population served by the alignment. (b) Agricultures and economic potential of the area. | | |
| 18. | other major development projects being taken up electric projects etc. | | |
| 19. | (i) Misc. Such as camping sites (ii) Law and other problem (iii) Royalty | | |
| | (iv) Availability of contractors for collection and carriage of construction material (v) working period available for construction of work. | | |
| 20. | Total No. of trees to be removed . | Nil | 18 |
| 21. | Average Density of forest cover . | | |
| 22. | Total No. of Merits | | |
| 23. | Total No. of Demerits | | |

RECOMMENDATIONS:

Alignment no. (1) Recommended for approval being more economical, useful & technically feasible.

[Signature]
Assistant Engineer/J.E.
Rural Works Department
Sub-Division-Pithoragarh

[Signature]
Assistant Engineer
Rural Works Department
Sub-Division-Pithoragarh

[Signature]
Executive Engineer
Rural works Department
Pithoragarh

Note - Signature and approval of the concerned DFO is essential