

प्रारूप-13

Performa for comparison between identified alignments

| s.no. | Item | Alignment 1 | Alignment 2 |
|-------|---|--|--|
| 1 | Detail of Route, vis a vis Topography of the area main feature and Description of the Alignment | Alignment take off Km-10(Pokhar) Ahead From Ghansali Ghuttu motor road. Proposed Grade of this Alignment are 1:18 Fall, 1:40 Fall & 1:15 Fall, Level, 1:18 Rise, 1:40 Rise and 1:18 Rise It shall run through Civil Soyam land, Forest Land and Naap land. 09 H.P. Band provided in this Alignment | Alignment take off Km-10(Pokhar) Ahead From Ghansali Ghuttu motor road. Proposed Grade of this Alignment are 1:16, 1:14 Fall, 1:30 Fall, 1:18 Fall, 1:40 fall, level, 1:18 rise, 1:30 rise 1:40 rise, 1:35 rise, & 1:18 rise, It shall run through Civil Soyam land, Forest Land and Naap land. 10 H.P. Band provided in |
| 2 | Length of Road | 6.300 K.M. | 9.650 K.M. |
| 3 | Bridge requirement No. and Length | 01 48.00 Mtr | 01 60.00 Mtr |
| 4 | Geometric | | |
| | (a) Gradients | Proposed Grade of this alignment 1:18 Fall, 1:40 Fall & 1:15 Fall, Level, 1:18 Rise, 1:40 Rise and 1:18 Rise | are 1:16, 1:14 Fall, 1:30 Fall, 1:18 Fall, 1:40 fall, level, 1:18 rise, 1:30 rise 1:40 rise, 1:35 rise, & 1:18 rise, |
| | (b) Curves, H.P Bends | 09 | 10 |
| 5 | Existing Means of communication, mule path, jeep, Tracks etc. | Mule & path | Mule & path |
| 6 | Right of way, bringing out. construction on account of built up areas, monuments and other structure 1. Naap Land 2. Van Panchayat Land 3. Civil Soyam Land 4. Reserve Forest Land | 735 - 1190 4375 | 1250 - 1900 6500 |
| 7 | (a) Terrain & Soil Condition. | As Per Geologist Report | As Per Geologist Report |
| | (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 discends. (ix) Variations extants and types. | | |

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|----|--|--|--|
| 8 | <p>Climate Condition:</p> <p>(a) Temperature max. & min. reading.</p> <p>(b) Rainfall data average annual peak intensities monthly distribution (to the extent available) .</p> <p>(c) Snowfall data average annual peak intensities monthly distribution (to the extent available) .</p> <p>(d) Wind direction and velocities.</p> <p>(e) Fog Condition.</p> <p>(f) Exposure to sun.</p> <p>(g) Unusual weather condition like cloud burst etc.</p> | <p>Max. 40 C & Min. 15 C</p> <p>1000 mm</p> <p>Negligible</p> <p>From North to South with moderate Velocity</p> <p>Partially Well expose to Sun Negligible</p> | <p>Max. 40 C & Min. 15 C</p> <p>1000 mm</p> <p>Negligible</p> <p>From North to South with moderate Velocity</p> <p>Partially Well expose to Sun Negligible</p> |
| 9 | <p>Facilities resources.</p> <p>(a) Landing ground.</p> <p>(b) Dropping Zone.</p> <p>(c) Food stuffs.</p> <p>(d) Labour local availability and need for import.</p> <p>(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.</p> | <p>Yes Nil Ghansali 50% Labors available Locally & rest From Nepal</p> <p>Stone & timber available with in 30-40 Kms</p> | <p>Yes Nil Ghansali 50% Labors available Locally & rest From Nepal</p> <p>Stone & timber available with in 30-40 Kms</p> |
| 10 | Value of land, agricultural land, Irrigated land, built up land, forest land etc, | As per District Circle Rates | As per District Circle Rates |
| 11 | Approximate Const. Cost. | 3.263 crore | 5.00 crore |
| 12 | Access point indicating possibility of induction of equipment | Ghansali | Ghansali |
| 13 | Period required for construction | 3 year | 3 year |
| 14 | Strategic Consideration | | |
| 15 | Important villages, towns and markets centers to be connected | All Nearest Village Including Ghansali Market | All Nearest Village Including Ghansali Market |
| 16 | Recreational potential. | Will Increase | Will Increase |
| 17 | <p>Economic Factors:</p> <p>(a) Population served by the alignment.</p> | Approximate | Approximate |

| | | | |
|----|---|---|---|
| | (b) Agricultures and economic potential of the area. | Good | Good |
| 18 | other major development projects being taken up electric projects etc. | Negligible | Negligible |
| 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. | Nil Nil Nil Nil | Nil Nil Nil Nil |
| 20 | Total No. of trees to be removed . | - | - |
| 21 | Average Density of forest cover | - | - |
| 22 | Total No. of Merits | 1. Alignment is Passing through stable area | 2. Alignment accepted by Villagers & Elected Public representatives of the Area 3. Alignment is Passing through steep area 4. Nil H.P. Band |
| 23 | Total No. of Demerits | 1. Alignment is accepted by Villagers & Elected Public representatives of the Area 2. 09 H.P. Band | 3. Alignment is not accepted by Villagers & Elected Public representatives of the Area 4. 10 H.P. Band |

RECOMMENDATIONS:

Alignment no. (2) Recommended for approval being more economical, useful & technically feasible.

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