

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. (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.	As Per Geologist Report	As Per Geologist Report

8	<p>Climate Condition:</p> <ul style="list-style-type: none"> (a) Temperature 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. 	<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> <ul style="list-style-type: none"> (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. 	<p>Yes Nill Ghansali 50% Labors available Lacally & rest From Nepal</p> <p>Stone & timber available with in 30-40 Kms</p>	<p>Yes Nill Ghansali 50% Labors available Lacally & rest From Nepal</p> <p>Stone & timber available with in 30-40 Kms</p>
10	Value of land, agricultural land, Irrigated land, bult 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> <ul style="list-style-type: none"> (a) Population served by the alignment. 	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.	Nill Nill Nill Nill	Nill Nill Nill Nill
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. Nill 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.

Raw
Junior Engineer/
P.W.D

W
Assistant Engineer
P.W.D

सहायक अभियन्ता
अस्थाई खण्ड लो०नि०विभाग
घनसाली (टिठी) गङ्गाल

Raw
Executive Engineer
P.W.D
अधिशासी अभियन्ता
अस्थाई खण्ड लो० नि० वि०
घनसाली (टिठी) गङ्गाल