

No	Variables	Alignment No-1	Alignment No-2
1	Topography	Proposed Road Start from km 10 of Dewoli-Bandarkot-Thabriya-Noulapur-Kedargali-Birokhal motor road Near Noulapur	Proposed Road Start from km 10 of Dewoli-Bandarkot-Thabriya-Noulapur-Kedargali-Birokhal motor road Near Noulapur
2	Length of Road	7.950 km	10.000 km
3	Bridging requirement No. and Length	Nil	Nil
4	Geometric		
	(a) Gradients	Rise 1:22 Rise 1:20 Rise 1:40, Fall- 1:13 Fall 1:17 Fall 1:20	Rise 1:25 Rise 1:60 Rise 1:40, Fall- 1:18 Fall 1:20 Fall 1:60
	(b) Curves, H.P Bends	2 No of H.P. band	5 No of H.P. band
5	Existing Means of communication, mule path, jeep, Tracks etc.	Village are connected by Foot Track, Mule Path	Same as alignment no 1.
6	Right of way, bringing out, construction on account of built up areas, monuments and other structures.	Cultivated & Unirrigated Land	Same as alignment no 1.
	(a) Terrain & Soil Condition.		
	(i) Geology of the road	E&B to HS/VHR	E&B to HS/VHR
	(ii) Geology of area	Mountainous Terrain, E&B, HS/VHR	Same as alignment no 1.
	(b) Road Length Passing through		
	(i) Mountainous Terrain	7020 MM	8800 MM
	(ii) Steep Terrain	Nil	Nil
	(iii) Rocky Stretches with indication of length in loose rocky stretches	Nil	Nil
7	(iv) Area subject to avalanches & snow drift	Nil	Nil
	(v) Slip Zone Area	Nil	Nil
	(vi) Cliffs and gorges.	Nil	Nil
	(vii) Drainage characteristics of the area including suceptibility to flooding.	Gnod natural drainage hence susceptibility to damage in minimum	Good natural drainage hence susceptibility to damage in minimum
	(viii) General elevation of the road indicating maximum and minimum height negotiated by main ascends and descends.	Throught Fall, Rise, Level Grade	Throught Fall, Rise, Level Grade
	(ix) Variations extants and types.	Nil	Nil
	Climate Condition:		
	(a) Temperature Monthly max. & min. reading.	Max.25-3 C min. 10-1 C 0 5	Max.25-3 C min. 10-1 C 0 5
	(b) Rainfall data average .annual peak intensities monthly distribution (to the extent available).	Not Available	Not Available
8	(c) Snowfall data average annual peak intensities monthly distribution (to the extent available).	Not Available	Not Available
	(d) Wind direction and velocities.	Not available	Not available
	(e) Fog Condition.	Some fog in winter & rainy Season.	Some fog in winter & rainy Season.
	(f) Exposure to sun.	Well exposure to sun	Well exposure to sun
	(g) Unusual weather condition like cloud burst etc.	Nil	Nil

Sl.No	Variables	Alignment No-1	Alignment No-2
	Facilities resources.		
	(a) Landing ground.	Nil	Nil
	(b) Dropping Zone.	Nil	Nil
	(c) food stuffs	Ramnagar	Ramnagar
9	(d) Labour local availability and need for import.	Local avilability & From Nepal	Local avilability & From Nepal
	(e) Construction material (Timber, Bamboo, Sand, Stone, Shingle etc. extent of their availability and lead involved.	Available within 115 km Equipment will available on Ramnagar.	Available within 115 km Equipment will available on Ramnagar.
10	Value of land, agricultural land, Irrigated land, built up land, forest land etc,	As per current Cercle rate.	As per current Cercle rate.
11	Approximate Const. Cost.	126 lacs	140 lacs
12	Access point indicating possibility of induction of equipment.	Equipment will available in Ramnagar.	Equipment will available in Ramnagar.
13	Period required for construction.	1.5 Year	1.5 Year
14	Strategic Consideration.	Nil	Nil
15	Important villages, towns and markets centers to be connected.	Birokhal	Birokhal
16	Recreational potential.	Nil	Nil
	Economic Factors:		
17	(a) Population served by the alignment.	550	550
	(b) Agricultures and economic potential of the area.	Population of village will be benefited good.	Population of village will be benefited normally.
18	other major development projects being taken up electric projects etc.	Nil	Nil
	(i) Misc. Such as camping sites	Nil	Nil
19	(ii) Law and other problem	Nil	Nil
	(iii) Royalty	Nil	Nil
	(iv) Availability of contractors for collection and carriage of construction material	Locle contractor are available for the work.	Locle contractor are available for the work.
	(v) working period available for construction of work.	12 month	12 Month
20	Total No. of trees to be removed .	120	158
21	Average Density of forest cover .	Not available	Not available
22	Total No. of Merits	1.No any irrigated cultivated land involved. 2.Alignment accepted by villagers and their elected representative. 3.Length of road is in shotter side.	Nil
23	Total No. of Demerits	Nil	1.Five H.P. band provided. 2.Alignment did not accepted by village & their elected representative. 4.Increasing of forest land length of road and also toltal length. 5.Two more H.P. band provided.

**RECOMMENDATIONS:**

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

Junior Engineer

Assistant Engineer

Executive Engineer