

Alignment Report of Bageshwer Kapkot Tejtem Motor Road Km. 33 to Kiroli Distt-
Bageshwer under S.C.P(5.00Km.)

Sl.No	Description of Item	Alignment No. 1 marked in Red colour	Alignment No. 2 marked in Red colour	Remarks
1	2	3	4	5
1	Main features of Alignment	Kirela Motor road	Kirela Motor road	
2	Length of road from starting to terminal point	5.00km	5.00km	
3	Geometric (a) Gradient in different Stretches of the alignment (b) Curves (c) Hair pin bend numbers	1:20R, Level, 1:24R, 1:40R, 1:20, 1:40R, 1:20R, 1:40, 1:20R, 1:40R, Level 4 Nos	1:20R, Level, 1:24R, 1:40R, 1:20, 1:40R, 1:20R, 1:40, 1:20R, 1:40R, Level 4 Nos	
4	Terrain & soil condition (a) Geology of the area (b) Road length passing through- (i) Mountainous terrain (cross slope 25% to 60%) (ii) Steep terrain (cross slope more than 60%) (iii) Stretches with indication of loose rock condition. (iv) Areas subjected to avalanches or snow drifts.	Hill area 3.00km 2.00km Nil Nil	Hill area 3.00km 2.00km Nil Nil	
5	Nature of soil (a) Length of reaches with Earth & Boulders. (b) Length of reaches with Hard rock/Hard shale. (c) Length of reaches with Medium rock/Med Shale. (d) Length of reaches with Homogeneous rocks.	3.00km 2.00km Nil Nil	3.00km 2.00km Nil Nil	
6	Requirements of Bridges/Culvert/Scuppers- (a) Major bridges (b) Minor bridges (i) Total numbers (ii) Total water way (c) Scupper (R.C.C. slab type) (i) Total numbers, (ii) Range of span. (iii) Total water way.	Nil Nil 30 No 1.00mtr 30 mtr	Nil Nil 30 No 1.00mtr 30 mtr	
7	General elevation of road height by mean ascents & descents. (a) Total numbers of ascents & descents	2 No Ascend 0 decent	2 No Ascend 0 decent	

8	Land available (a) Right of way bringing out constrains on account of built up area monuments & other structures. (b) Approximate area & value (i) Cultivated (ii) Irrigated (iii) Un-Irrigated	Nil	Nil	2.500Km 0.500km 2.00km	2.500Km 0.500km 2.00km Mule path
	Existing means of intercommunication mule path jeep truck etc.			Mule path	
10	Avaailability of road construction materials. (a) Location of quarry (i) Sand (ii) Stone (b) Lead (i) Sand (ii) Stone	Locally Locally Locally Locally	Locally Locally Locally Locally		Locally Locally Locally Locally
11	Facility/Resources (a) Dropping zone (b) Food stuff (c) Labour local availability & lead for import (e) Construction materials, timber bamboo, sand, stone, shingle etc. availability and lead involved.	Nil Nil Nil Local and Nepali	Nil Nil Nil Local and Nepali		Nil Nil Nil Local and Nepali
12	A.C.C. points indicating possibility of equipments.	Work will be done	Work will be done		Work will be done
13	Climatic condition (a) Temperature maximum/minimum. (b) Rainfall average, annual, peak intensity monthly description to the extent possible. (c) Length of road covered by snow (average & peak) (d) Wind direction (e) Fog condition (f) Exposure to sun	35 c 5 c 10 cm avg Nil East-west Toggy Party sunny	35 c 5 c 10 cm avg Nil East-west Toggy Party sunny		35 c 5 c 10 cm avg Nil East-west Toggy Party sunny
14	Drainage characteristic of the area damages.	Fair	Fair		Fair
15	Length of land slides.	Nil	Nil		Nil

16	Length of heavy clouding.	Nil	Nil
17	Length of marshy or flooded area.	Nil	Nil
18	Length of portion with loose rock.	Nil	Nil
19	Period required for construction.	4 year	3 year
20	Vegetation extent type.	Nap land, Civil soyam	Nap land, Civil land, ban panchayat
21	Political aspects(villages falling within population) (d) 1 st Km of the alignment (e) 2 nd Km of the alignment (f) 3 rd Km of the alignment (d) 4 th Km of 5 th km of the alignment	Primary school Kiroli Primary school Duseali	
22	Strateic consideration.	Fair	Fair
23	Economical & Industrial considerations. (b) Population served by the alignment.	295	280
24	Recreational potential for development.	Tourisum&Education	Tourisum&Education
25	Scopel of agricultural & horticultural development.	Much Scope	Much Scope
26	Extent of forest wealth.	Nil	Nil
27	Approximate cost of each alignment.	168.00 Lack	175.00Lack
28	Merits/Demerits (i) (ii) (iii) (iv) (v)	More Agriculture 1 nos of village are connected in this alignment Economical alignment Villagers consent	
29	Any other important information v.i.s other important project being undertaken in the area required for completion of the work.	Nil	Nil

Recommendation of Executive Engineer:-

The alignment No.1 is recommended for construction in view of the above facts.


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