

COMPERITIVE STATEMENT OF VARIOUS ALIGNMENTS

Name of Work : Construction of Nakuri - Singote motor road to Pab motor road. (4.300 km.) Link route no - L 024

Sl. No.	ITEM	ALIGNMENT - 1 MARKED (Red)	ALIGNMENT - 2 MARKED (Green)
1.	Details of routes, vis-a-vis, topography of the area		
1.	Main feature and description of Alignment	This road is start from km - 4 of existing Nakuri - Singote motor road. This area is situated in Block Dunda of Distt. Uttarkashi.	This road is start from km - 4 of existing Nak Singote motor road. This area is situated in Block Dunda of Distt. Uttarkashi.
2.	Length of the alignment from starting point to terminal point.	4.300 km.	5.50 km.
3.	Geometric		
A.	Gradient in different stretches of the alignment	As per L-section	As per L-section
B.	Curve and hair pin bend	4 No.	7 No.
4.	Terrain and soil condition		
1.	Geology of road.	E&B / H.S. / V.H.S	E&B / H.S. / V.H.S
B.	Road length passing through.		
1.	Mountainous terrain cross slope from 25 to 60.	4.425 km.	5.50 km.
2.	Steep terrain cross slope greater then 60	Nil	Nil
3.	Rocky stretches with indication in length in loose.	Nil	Nil
4.	Area to subject to avalanches and snow drifts	Nil	Nil
5.	Nature of Soil		
A.	Length of reaches with earth and boulder	2.655 km.	3.3000 km.


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NO. 2
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4/11/24
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ITEM	ALIGNMENT - 1		ALIGNMENT - 2	
	MARKED (Red)		MARKED (Green)	
Length of reaches with hard rock/shale	1.3275 Km		1.650 km	
Length of reaches with medium rock/shale	0.4425 Km		0.550 Km	
Length of reaches with VHR/VHS	---		---	
Bridge requirement	Nil		Nil	
Minor bridge				
Total number	1 Nos.		1 No.	
Range of span	10 mtr span		12 mtr span	
General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descents.	L-Section attached		L-Section attached	
Total number of ascents and descents.				
Total water way	L-Section attached		L-Section attached	
Major bridge				
Total number	Nil		Nil	
Range of span	N.A.		N.A.	
Total water way				
General elevation of the road indicating maximum and minimum heights negotiated by main ascents and descents.	Nil		Nil	
Total number of ascents and descents.				
Length of cliffs and gorges	Nil		Nil	
Right of way bringing out construction	Nil		Nil	
Approximate area and value.				

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ITEM	ALIGNMENT - 1		ALIGNMENT - 2	
	MARKED (Red)		MARKED (Green)	
ited	2.9025 Hac.		3.3075 Hac.	
id	Nil		Nil	
ated	2.9025 Hac.		3.3075 Hac.	
in of proposed alignment with existing and under action road.	N.A.		N.A.	
ility of road construction material.	Negligible quantity of Stone for R/wall in some stretches available		Negligible quantity of Stone for R/wall in some stretches available	
in of quarries.	-		-	
ie needs.	-		-	
as/Resources	-		-	
g ground	-		-	
ng zone	-		-	
tuffs	-		-	
locally available or need of import	40% out side as nepali & 60% local		40% out side as nepali & 60% local	
ction material, timber, bamboo, sand stone, shingle, c. extent of their availability & lead involved	Stone will be available locally & rest will have to be carted from local quarry etc.		Stone will be available locally & rest will have to be carted from local quarry etc.	
point indication possibility of equipment	Dunda, Uttarkashi & Dehradun		Dunda, Uttarkashi & Dehradun	
condition	24° C ± 0° C		24° C ± 0° C	
ature maximum & minimum	24° C ± 0° C		24° C ± 0° C	

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ITEM	ALIGNMENT - 1		ALIGNMENT - 2	
	MARKED (Red)		MARKED (Green)	
Rainfall data average annual peak intensities, monthly distribution to the extent available	Not available		Not available	
Length of road covered snow, average and period				
Wind direction and velocity	N / S direction		N / S direction	
Fog conditions	In rainy season		In rainy season	
Exposure to sun	Almost full day		Almost full day	
Drainage characteristics of the area indicating susceptibility to damage.	Drainage is fair		Drainage is fair	
Length of land slides.	Nil		Nil	
Length of unstable area.	Nil		Nil	
Length of heavy snow clearing.	Nil		Nil	
Length of Marshy & flooded areas.	Nil		Nil	
Length of positions with loose rocks.	Nil		Nil	
Period required for construction.	1 Year		1 Year	
Vegetation extent/Type.	Covered with local bushes & pine trees		Covered with local bushes & pine trees	
Critical Expect				
Village following on or within.				
i. 1 km of the alignment	Songote - None		Songote - None	
ii. 1 km to 2 km of the alignment	None		None	
iii. 2 km to 3 km of the alignment	None		None	
iv. 3 km to 4 km of the alignment	None		None	

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Sl. No.		ITEM		CECS Ltd	
		ALIGNMENT - 1 MARKED (Red)		ALIGNMENT - 2 MARKED (Green)	
1.		v. 4 km to 5 km of the alignment		Pab	
2.		Important village, town/marketing center connected.		Dunda, Uttarkashi & Dehradun	
3.		Economics & Industrial consideration :			
4.		Population served by alignment :			
5.		Agricultural, potential for development of forest		408 Approximately	
6.		Scope of agriculture and horticulture development.		Agricultural development will increased.	
7.		Extent of forest wealth.		Wide scope	
8.		Prospects of development of minor or any other major development project being taken up in the O.S. Hydro Electrical Project.		Less forest land involved	
9.		Approximate cost of construction.		Nil	
10.		Merits and Demerits		Major major forest involved	
11.		Merits		Nil	
12.		Demerits		Estimation under preparation	
13.		Any other useful information (Viz. other important projects being undertaken in the area required for completion of the work.		1. Unsafe side for construction	
14.		Recommendation of the Executive Engineer.		2. Choice of minority of local public	
15.		Order of the Superintending Engineer with reason.		3. Disputed land involved	
				Nil	
				Alignment is not suitable as compared to alignm	
				No. 1	

Alignment is not suitable as compared to alignm
No. 1

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