

प्रपत्र - 13

COMPERATIVE STATEMENT OF ALIGNMENTS

Name of work :- Alignment report of Reetha to Koona under P.M.G.S.Y, (Lenth-14.2 k.m.)

S.L. N.	PARTICULAR	ALIGNMENT	
		No.1(Marked in Red color)	No. 2(Marked in Blue color)
1	2	3	4
1	Details of route vis-à-vis topography of the area main features and discrepancy of the alignment	This road will start from km 4 of (Deval Band)of pati to meroli motor road passing to all important unconnected villages.	This road will start from km 4 of (Deval Band)of pati to meroli motor road passing to all important unconnected villages.
2	Lenth of Alignment from Starting to the Terminal point.	14.200 km.	15.00 km.
3 a.	GEOMETRICS: Gradient in different stretches of alignment	0/0 - 0/8 1:20F 0/8 - 0/23 1:24F 0/23 - 0/25 1:40F 0/25 - 1/7 1:24F 1/7 - 1/9 LEVEL 1/9 - 2/22 1:24R 2/22 - 2/32 LEVEL 2/32 - 2/40 1:24R 2/40 - 3/2 1:40R 3/2 - 4/8 1:24R 4/8 - 4/14 1:20R 4/14 - 4/16 1:40R 4/16 - 4/22 1:20R 4/22 - 4/24 1:40R 4/24 - 5/15 1:24R 5/15 - 6/7 LEVEL 6/7 - 6/19 1:24F 6/19 - 6/21 1:40F 6/21 - 6/33 1:24F 6/33 - 6/36 1:40F 6/36 - 8/1 1:24F 8/1 - 8/3 1:40F 8/3 - 8/10 1:24F 8/10 - 8/12 1:40F 8/12 - 9/13 1:24F 9/13 - 9/18 1:20F 9/18 - 9/20 1:40F 9/20 - 11/4 1:24F 11/4 - 11/6 1:40F 11/6 - 11/33 1:24F 11/33 - 12/13 LEVEL 12/13 - 12/31 1:20F 12/31 - 12/33 1:40F 12/33 - 12/40 1:24F 12/40 - 13/2 1:40F	0/0 - 0/8 1:20F 0/8 - 0/23 1:24F 0/23 - 0/25 1:40F 0/25 - 1/7 1:24F 1/7 - 1/9 LEVEL 1/9 - 2/22 1:24R 2/22 - 2/32 LEVEL 2/32 - 2/40 1:24R 2/40 - 3/2 1:40R 3/2 - 4/7 1:24F 4/7 - 4/13 LEVEL 4/13 - 4/22 1:20R 4/22 - 4/24 1:40R 4/24 - 5/14 1:24R 5/14 - 5/16 1:40R 5/16 - 6/6 LEVEL 6/6 - 6/20 1:24F 6/20 - 6/22 1:40F 6/22 - 6/34 1:24F 6/34 - 6/37 1:40F 6/37 - 8/1 1:24F 8/1 - 8/3 1:40F 8/3 - 8/11 1:24F 8/11 - 8/13 1:40F 8/13 - 9/12 1:24F 9/12 - 9/19 1:20F 9/19 - 9/21 1:40F 9/21 - 11/3 1:24F 11/3 - 11/5 1:40F 11/5 - 11/33 1:24F 11/33 - 12/14 LEVEL 12/14 - 12/31 1:20F 12/31 - 12/33 1:40F 12/33 - 13/1 1:24F 13/1 - 13/3 1:40F

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सहायक अभियन्ता
पीएमजीएसवाई
सिंचाई वण्ड, लोहाघाट

आंध्रप्रदेश अभियन्ता
पीएमजीएसवाई
सिंचाई वण्ड, लोहाघाट

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		13/2 - 13/31 1:20F 13/31 - 13/33 1:40F 13/33 - 13/38 1:24F 13/38 - 13/40 1:40F 13/40 - 14/8 1:20F	13/3 - 13/30 1:20F 13/30 - 13/32 1:40F 13/32 - 13/39 1:24F 13/39 - 14/1 1:40F 14/1 - 14/8 1:20F 14/8 - 14/12 LEVEL 14/12 - 14/16 1:24R 14/16 - 14/18 1:40R 14/18 - 14/28 1:20R 14/28 - 14/30 1:40R 14/30 - 14/40 LEVEL
b.	Curves, and Hair Pin Bands etc.	14 No. of H. P. Band	16 No. of H. P. Band
4.	Terrain & Soil Condition (a) Geology of the area (b) Road length passing through: (i) Mountain terrain (ii) Steep terrain (iii) Rocky stretches with indication in length in loose r (iv) Area subject to avalanches and snow drifts.	As per Geologist report. Mountains terrain 100% NIL NIL	As per Geologist report. Mountains terrain 100% NIL NIL NIL
5	Nature of soil (a) Length or reaches with soil (b) Length or reaches with ordinary rock. (c) Length or reaches with hard rock. (d) Length or reaches with H.R. & shale. (e) length or reaches with Ex. Hard rock/shale.	40% 25% 10% 25% Nil	30% 30% 15% 30% Nil
6	Bridging Requirement	1 No 30M Data is not available	2 No 30+30 M Data is not available

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खण्ड, लेहाघाट

आंध्रप्रदेश अभियन्ता
पीएमजीएसवाई
खण्ड, लेहाघाट

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	track etc.		
10	Availability of road construction material (a) Location of quarries (b) Average lead	Tanakpur 140 km	Tanakpur 140 km
11	Facilities Resources (a) Landing –Ground (b) Dropping zone (c) Food Stuffs . (d) labor locally availability or need for import. (e) Construction material Timber, Sand, Stones, etc-Extent of their availability and lead involved. (f) Access points indicating possibility of Equipments.	NIL NIL Pati Local labour is available but also need for import Timber, Stone, available & Sand from Tanakpur Kasipur,Haldwani	NIL NIL Pati Local labour is available but also need for import Timber, Stone, available & Sand from Tanakpur Kasipur,Haldwani
12	Climatic Condition (a) Temperature Maximum and Minimum (b) Rain fall data-average annual peak intensites monthly distribution (to the extent available) length of road cuvred by snow average period. (c) Wind direction and velocities (d) Fog condition (e) Exposure to sun	25°C to 30°C Max, 10°C to 15°C Min Data is not availavle Some where fog Well exposure	25°C to 30°C Max, 10°C to 15°C Min Data is not availavle Some where fog Well exposure
13	Drainage characteristics of the area including susceptibility of damages (a) length of land slide (b) Length of unstable area. (c) Length of heavy clearing (d) Length of marshy or flooded area. (e) Length of portion with loose rocks. (f) Period required for construction	NIL NIL NIL NIL NIL 2 Year	NIL NIL NIL NIL NIL 2 Year
14	Vegetation extent type.	Bushes,Plants&Com.Tree etc	Bushes.Plants&Com.Tree etc

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सहायक अभियन्ता
पीएमजीएसवाई
ई खण्ड, लोहाघाट

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आयुक्त अभियन्ता
पीएमजीएसवाई
मिर्जा खण्ड, नाहाघाट (उम्मावन)

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42

15	Political Aspects: (a) Village falling on/or within Alignment	Reetha	Reetha
16	Strategic conditions	Better Communication	--
17	Economics & Industrial Consideration	Economic condition of villages will improve due to easy access to market selling their product direct to whole seller in Champawat, Lohaghat etc.	Economic condition of villages will improve due to easy access to market selling their product direct to whole seller in Champawat, Lohaghat etc.
18	Population served by the alignment	Approximate 389	Approximate 295
19	Potential for development of tourism	Normal	Normal
20	Scope of Agriculture & Horticulture Development	Good	Good
21	Extent of Forest wealth	Normal	Normal
22	Prospects of development of minor or any other major development .	NIL	NIL
23	Approximate cost of construction of each alignment.	994.56 Lacs	1156 Lacs 1156 Lacs
24	Merits & Demerits	1- Less Fertile land is affected. 2- Better road Transpotation 3- Minimum Length required to reach 4- All Villagers are agreed with this alignment 5- Less cost of construction.	1- More No. of H. P. Bend required 2- Area is affected by land slide zone 3- Uneasy road Transpotation 4- More cost of construction . 5- All Villagers are not agreed to this Alignment
25	Any other useful information Vis other important project being under area required from completion of	No	No

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सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिवाई खण्ड, लोहाघाट

वन क्षेत्राधिकारी
देवीधुरा वन क्षेत्र
चम्पावत वन प्रभाग

अधीक्षक अभियन्ता
पी०एम०जी०एस०वाई०
खण्ड (खण्ड, लोहाघाट, नन्हावन)

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43

	the road.		
26	Recommendation of Executive Engineer.	Alignment- 1 shown red color is recommended for approval	Alignment-2 shown from blue cannot be recommended
27	Orders of Superintending Engineer with reasons.		

Signature
Junior Engineer
PMGSY, ID
LOHAGHAT

Signature
Assistant Engineer
PMGSY, ID
LOHAGHAT

Signature
Executive Engineer
पी० एम० जी० एस० वाई०
सिंचाई विभाग, लोहाघाट (चम्पावत)

~~वन क्षेत्र प्रभाग~~

~~सहायक अभियन्ता~~

पी० एम० जी० एस० वाई०
सिंचाई विभाग, लोहाघाट (चम्पावत)

वन क्षेत्राधिकारी
देवीधूरा वन क्षेत्र
चम्पावत वन प्रभाग

प्रभागीय वनाधिकारी
चम्पावत वन प्रभाग, चम्पावत