



मलुवा निस्तारण प्रमाण-पत्र

परियोजना का नाम :- माननीय मुख्यमंत्री घोषणा संख्या 492/2014 के अन्तर्गत जनपद अल्मोड़ा में विधानसभा क्षेत्र सल्ट में शहीद हरि सिंह मोटर मार्ग तौलबुधानी से रतखाल तक मोटर मार्ग (5.625 किमी.)(2.520 हे०)

प्रमाणित किया जाता है कि उक्त मार्ग के नव निर्माण के दौरान उत्पादित मलवे के निस्तारण हेतु मलुवा निस्तारण योजना संलग्न है। जिससे अधोहस्ताक्षर मार्ग सटभूत है।


सहायक अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत



अधिशाली अभियन्ता,
प्रान्तीय खण्ड, लोक निर्माण विभाग,
रानीखेत


अ.इ. ०९.६०


अ.इ. ०९.६०,
श्रीरासी वन क्षेत्र
अल्मोड़ा वन प्रभाग-अल्मोड़ा




अ.इ. ०९.६०
रानीखेत
अल्मोड़ा वन प्रभाग


प्रभागीय वनाधिकारी
अल्मोड़ा वन प्रभाग अल्मोड़ा

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प्रविशसो अभियन्ता,
राज्यीय खण्ड, लो० नि० विभाग,
पानीपत (हरमोड)

Details of Muck Disposal Yards with land owner detail

s.no.	chainag	name of land owner & villege	land in Hec.	land in sqm	land area being used for	longitude	latitude
1	Km 2.00	Puriya chora	1.016	244	0.024 Hect	29°45'17.68"N	79°11'44.34"E
2	Km 3.00	Toulbudhani	1.80	488	0.066 Hect	29°45'8.83"N	79°11'45.83"E
3	Km 4.00	Toulbudhani	0.165	244	0.024 Hect	29°45'30.83"N	79°11'37.87"E

Handwritten signature

अविभासी समित्या,
राष्ट्रीय खण्ड, लो० दि० विभाग,
रा० बानीबित (धरमोडा)

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Construction of motor road from Taulbudhani to Ratkhal

Total Lengh of Motor Road - 5.625 km
Length Passing through Nap land --
Length Passing through Forest land -- 2800

s.n.	material received from hill side cutting (Forest Land)		
1	1/2(2800X6X3)	25200.00	cum
	total	25200.00	
2	40% for swell factor	10080	cum
	total	35280.00	cum

Disposal and use of material

1	Retaining wall	1000x(0.60+1.59)/2x3	3285	cum
2	Breast Wall	500x(.60+0.90)/2x1.80	675	cum
3	Hand packed stone Filling	(500x1x2)/2	500	cum
4	Construction of scrupper	16x37.09	593.44	cum
5	Soling works	3000x4.05x0.12	1458	cum
6	Construction of pucca drain	2500x.6x.6	900	cum
7	total used		7411.44	cum
8	material disposed by cartage in dumping yard		27868.56	cum

Location and Quantity of Dabries Disposal

location of dumping yard	Size of Dumping area	type of land	capacity of dumping yard (cum)
	2X100X40X3.5	nap land	28000.00
Total			28000.00 cum.

summary of dabries disposal

s.n.	total dabries	material disposal by cartage	reused material for road construction	disposal in dumping zone	balance dabries
1	35280	27868.56	7411.44	27868.56	

प्रधिलसो प्रधिलता,
शान्तीय खण्ड, लो० वि० विभाग,
पु० बानीदेत (धरमोडा)

Construction of motor road from Taulbudhani to Ratkhal

S.No.	Item of Work	Detail of Measurement					unit
		No.	Length	Width	Height	Qty	
1	Excavation in foundation for retaining walls in all type of soils and rocks including lead, lift and disposal surplus material as per direction of engineer in charge. (for 90X15X2.5)						
	X.S. 0/1to o/4, Long wall	1X2	103.50	1.70	0.50	175.95	cum
	Short wall	1X4	40.00	1.70	0.50	136.00	cum
				Total		311.95	cum
3	Random Rubble Masonary laid dry in breast wall, retaining wall, parapets, scupper etc. Including supply of all materials, labour, t & p & royalty etc, required for proper completion of work. (As per PWD Uttarakhand specifications)						
	X.S. 0/1to o/4, Long wall	1X2	103.50	(0.6+1.7)/2	3.50	833.18	cum
	Short wall	1X4	40.00	(0.6+1.7)/2	3.50	644.00	cum
				Total		1477.18	cum
4	Required area of nap land. X.S. 0/1to o/4						
	Area of dumping yard	1X2	103.00	41.79		8608.74	sqm
						8608.74	
						0.860874	hect

अधीशासी प्रमियन्ता,
 राप्तीय खण्ड, लो० नि० विभागा,
 शानीखेत (बल्मोडा)

BILL OF QUANTITIES

Construction of motor road from Taulbudhani to Ratkhal

Sl. No.	Name of Item	Qty.	Unit	Rate	Per	Amount
1	2	3	4	5	6	7
1	Excavation in foundation for retaining walls in all type of soils and rocks including lead, lift and disposal surplus material as per direction of engineer in charge.	311.95	cum	256.90	cum	80139.96
2	Random Rubble Masonary laid dry in breast wall, retaining wall, parapets, scupper etc. Including supply of all materials, labour, t & p & royalty etc, required for proper completion of work. (As per PWD Uttarakhand specifications	1477.18	Cum	1844.20	Cum	2724206.14
Total						2804346.09

अधिसारी अभियंता,
राष्ट्रीय खण्ड, लो० नि० विभाग,
प० हानीखेत (धरमोडा)

Analysis of rate

Construction of motor road from Taulbudhani to Ratkhal

- 1- Excavation in foundation for retaining walls in all type of soils and rocks including lead, lift and disposal surplus material as per direction of engineer in charge.

Rate as per Roads & Bridges SOR Si No. 97511 16-1 =Rs **263.30** Per Sqm

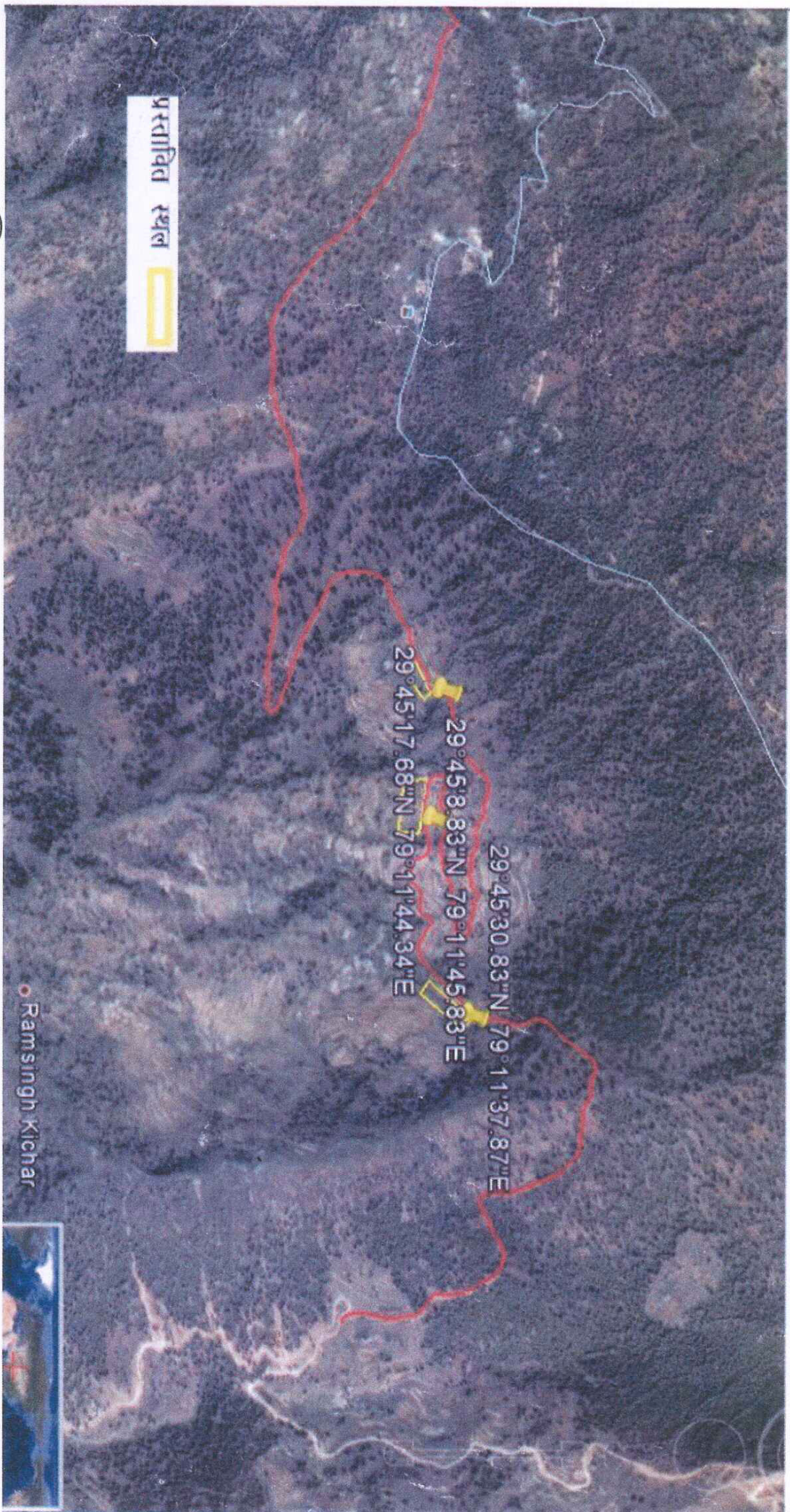
- 2- Random Rubble Masonary laid dry in breast wall, retaining wall, parapets, scupper etc. Including supply of all materials, labour, t & p & royalty etc, required for proper completion of work. (As per PWD Uttarakhand specifications)

Rate as per Roads & Bridges SOR Si No. 97513 16-3 =Rs **1870.50** Per Sqm



अविभासी प्रशिक्षण,
राष्ट्रीय खण्ड, लो० वि० विभाग,
सचिव (अल्मोड़ा)

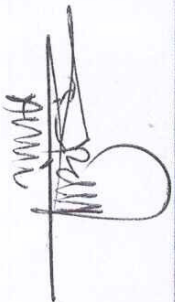
कार्य का नाम :- शहीद हर सिंह मार्ट मार्ग तौलवुथानी से रतखाल तक मार्ट मार्ग का नव निर्माण के निर्माण से निकलने वाले मलवे के निस्तारण हेतु चयनित स्थल




प्रस्तावित स्थल

● Ramsingh Kichar




MAM




सहायक अभियंता
ग्राम खंड, तालुका नि. वि.
रानीखेत


प्रमुख अभियंता
राज्यीय स्तर, सो. नि. वि.
रानीखेत [अ.म.व.]