


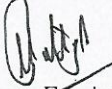
परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।


Sr no	Discription of Item	Quantity	Unit	Remark
	Material recived from hill site cutting			
1	1/2x4000x3x3=	18000.00	cum	
2	add 30% for swell factor	5400.00	cum	
3	Total quantity for disposal	23400.00	cum	


Reuse and disposal of material

1	RR stone masonry laid in 1:6 cement and sand mortar for Retaining wall 25% of total material	5850.00	cum	
2	RR stone masonry laid dry for Breast wall 25% of total material	5850.00	cum	
3	Hand packed Stone filling Behind Retaing wall and Breast wall 30% of R/wall and breast=(a+b)x30%	3510.00	cum	
4	Construction of wire crate Total quantity used in Dumping yard	3375.00	cum	
5	Construction of parapet (1x100x3x2x0.4 5x0.60)=	216.00	cum	
6	Granular sub base (1x3x400x4.15x0.12)=	796.80	cum	
7	Improvement of Road grade (1x3x200x6x0.50)	2400.00	cum	
	Total material used	21997.80	cum	
	material disposed by cartage to dumping yards	1402.20	cum	


Junior Engineer
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Pithoragarh


Assistant Engineer
Pro. Div. P.W.D
Pithoragarh



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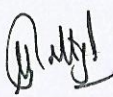

वन क्षेत्र अधिकारी
पिथौरागढ़


परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

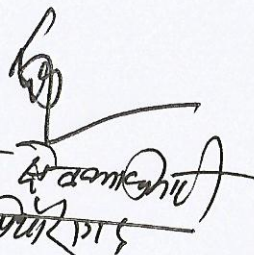
Details of Muck Disposal Yards with Land Owner Detail

Sr. no	Chainage	Name of Land owner	Land in Hect	Land in Sqm	Land area being used for dumping yard(sqm)	Latitude	Longitude
1	Ch. 0.400 to 0.500	Civil and Soyam Van bhoomi	0.0100	100.00	100.00	29°34'16.52"N,	80°17'43.27"E
2	Ch. 1.400 to 1.500	Civil and Soyam Van bhoomi	0.0100	100.00	100.00	29°34'25.83"N	80°18'01.84"E
3	Ch. 2.000 to 2.100	Civil and Soyam Van bhoomi	0.0100	100.00	100.00	29°34'34.53"N	80°17'45.46"E
4	Ch. 2.800 to 2.900	Civil and Soyam Van bhoomi	0.0100	100.00	100.00	29°34'52.58"N	80°17'49.35"E
5	Ch. 3.900 to 4.000	Civil and Soyam Van bhoomi	0.0100	100.00	100.00	29°34'56.00"N	80°18'13.79"E
		Total	0.0500	500.0000	500.0000		


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अनिल कुमार
पिथौरागढ़

Muck Disposal Plan

परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

Summary of Results

1 The quantity of material received from hill side cutting -=	23400.00 cum
(Sheet sttached on page no. of Muck disposal estimate)	
2 The quantity of material used in various items =	21997.80 cum
(Sheet sttached on page no. of Muck disposal estimate)	
3 The remaining quantity of muck for dumping i/c swell factor	1402.20 cum
(Sheet sttached on page no. of Muck disposal estimate)	
4 Numbers of dumping yards needed for the dumping of muck	
(i) Civil And Soyam Land =	5.00 Nos
(Sheet sttached on page no. of Muck disposal estimate)	
5 Carring capacity of dumping yards with dimensions & coordinates	
Area in hect	0.05
Quantity	
(i) Civil And Soyam Land =	1500.00 cum
	1500.00 cum
(Sheet sttached on page no. of Muck disposal estimate)	
6 Land ownership Reports (Nap Land)	
(Sheet sttached on page no. of Muck disposal estimate)	
7 Amount for Construction of Dumping Yards	
(i) Civil And Soyam Land =	18.57 Lacs
(Sheet sttached on page no. 90 & 92 of Muck disposal estimate)	
8 Cost of Vegetation Plantation in Civil Soyam Land =	3.75 Lacs
(Sheet sttached on page no. 93 of Muck disposal estimate)	
9 Total Amount in Civil Soyam Land =	
(i) Cost of construction of dumping Yards =	14.46 Lacs
(ii) Cost of Vegetation Plantation =	3.75 Lacs
	Total 18.21
Add 2% for Incidental Charges	0.36
	Total 18.57

J.E.

प्रमुख अधिकारी
पिथौरागढ़

A.E.
प्रमुख अधिकारी
प्रा. वन, लो. नि. विभाग
पिथौरागढ़

अधिसारी अभियन्ता
E.E.
प्रान्तीय खण्ड लो. नि. वि.
पिथौरागढ़

प्रभासि वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़


परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।


Summary of Debries disposal

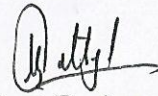
Sr. no	Total debries	Reused material for road construction	Material disposed by Cartage	Total disposal in dumping zone	Balance debries
1	23400.00	21997.80	1402.20	1500.00	Nil

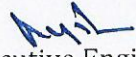
Location and quantity of debries for disposal

Sr. no	Location of dumping yards	Size of dumping yards	Type of land	Capacity of dumping yards	Remark
1	Ch. 0.300 to 0.350	50 x2x3	Civil and Soyam Van bhoomi	300.00	कुल अधिग्रहित वन भूमि की चौड़ाई = 9.00 मी० मोटर मार्ग में प्रयुक्त वन भूमि की चौड़ाई = 6.00 मी० मलबा निस्तारण हेतु प्रयुक्त वन भूमि की चौड़ाई = 9.00-6.00 = 3.00 मी०
2	Ch. 0.610 to 0.635	50 x2x3	Civil and Soyam Van bhoomi	300.00	
3	Ch. 1.440 to 1.465	50 x2x3	Civil and Soyam Van bhoomi	300.00	
4	Ch. 1.550 to 1.570	50 x2x3	Civil and Soyam Van bhoomi	300.00	
5	Ch. 2.700 to 2.740	50 x2x3	Civil and Soyam Van bhoomi	300.00	
		250	Total	1500.00	


Junior Engineer
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वन सेवा निदेशिका
पिथौरागढ़

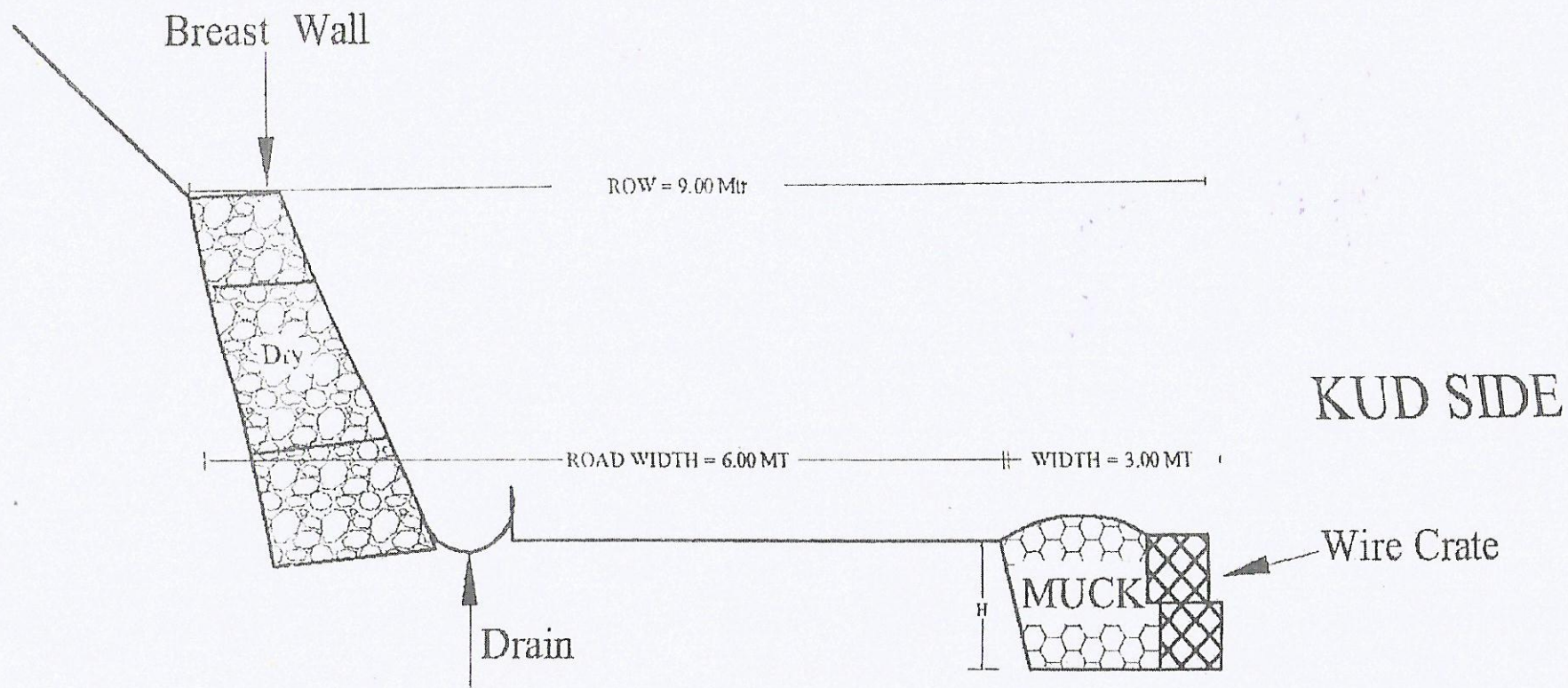

Assistant Engineer
Pro. Div. P.W.D
Pithoragarh



Executive Engineer
Pro. Div. P.W.D
Pithoragarh


परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

HILL SIDE


PROPOSAL PLAN FOR MUCK DUMPING




Junior Engineer
Pro. Div. P.W.D
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Executive Engineer
Pro. Div. P.W.D
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Analysis of Rates

परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

Name	Road & Bridge Uttarakhand	Year	2013-2014
Rate Card	Block 56 Pithoragarh (Munakot)	Effective Date	16/05/2014
1	11-1-1-1	Excavation in foundation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing, removal of stumps and other deleterious material and disposal up to 50mt, dressing of sides and bottom and backfilling in trenches with excavated material(ref 11.20-300)	
		Cum	237.50
2	16-9-1-2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. Wire conforming to IS : 280 & IS : 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of MoRD and as directed by Engineer in charge.	
		No	10011.50
		Say	1483.19
			Cum
		Deduct cost of stone as per SOR (PM00 99)	-210.00
		Total cost	1273.19
			Cum
3		Vegitative Plantation	Cum
		Cum	756.10
			Cum

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Pithoragarh


✓
कम से कम मासिक
विचारणा


Detail of Measurement


परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

S. No.	Item	No	L (m)	B(m)	H(m)	QTY
1	Excavation in foundation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing, removal of stumps and other deleterious material and disposal up to 50mt, dressing of sides and bottom and backfilling in trenches with excavated material(ref 11.20-300)					
	Ch. 0.400 to 0.500	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 1.400 to 1.500	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 2.000 to 2.100	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 2.800 to 2.900	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 3.900 to 4.000	1x1/2	50.00	1.50	0.30	11.25 cum.
					G.Total	56.25 cum.
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. Wire conforming to IS : 280 & IS : 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of PWD and as directed by Engineer in charge.					
	Ch. 0.400 to 0.500	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 1.400 to 1.500	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 2.000 to 2.100	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 2.800 to 2.900	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 3.900 to 4.000	1x2	50.00	1.50	1.50	225.00 cum.
					G.Total	1,125.00 cum.
3	Vegetation Plantation .					


 Junior Engineer
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 प.व.ड. अधिकारी
 पिथौरागढ़


 प.व.ड. अधिकारी
 पिथौरागढ़

Bill of Quantity

परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वर्तियाकोट मोटर मार्ग का नव निर्माण।

Sl. No	Item of work	Quantity	Unit	Rate	Amount
1	Excavation in foundation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing, removal of stumps and other deleterious material and disposal up to 50mt, dressing of sides and bottom and backfilling in trenches with excavated material(ref 11.20-300)	56.25	cum.	237.50	13359.38
2	Providing and laying of boulder apron laid in wire crates with 4mm dia G.I. Wire conforming to IS : 280 & IS : 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of PWD and as directed by Engineer in charge.	1,125.00	cum.	1273.19	1432338.75
				Total	1445698.13
3	Vegetation Plantation यस्य राष्ट्रिय वन्यपशु वन्यपक्षी का	1.00	Job	375000.00	375000.00
	Add 2% for Incidental Charges			Total	1820698.13
				Total	36413.96
				Total	1857112.09

Junior Engineer
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Pithoragarh

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Pro. Div. P.W.D.
Pithoragarh

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Pithoragarh

वन क्षेत्र अधिकारी
पिथौरागढ़

प्रजातीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़

Summary of Estimated Cost

परियोजना का नाम :- राज्य योजना के अन्तर्गत किल्ल से वरिष्ठाकोट मोटर मार्ग का नव निर्माण।

S.No.	Description	Amount In Lacs
1-	Muck disposal	1857112.09
	Total	1857112.09
	Say	18.57 Lacs

Junior Engineer
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14/2/15
14/2/15

Assistant Engineer
Pro. Div. P.W.D.
Pithoragarh

14/2/15
14/2/15

Executive Engineer
Pro. Div. P.W.D.
Pithoragarh

कार्ड का नाम:- राजा योजना के अन्तर्गत जिला से वार्डिंगकोट भौतर मार्ग के मरु डिस्पोज्ड स्थान की फोटो

CH-04040 0.500

29°34'16.52 N

80°17'43.27 E



①

A-A-E

CH-04000 0.500

29°34'25.83 N

80°18'1.04 E



②

प्रभासीय वन अधिकारी
विश्वराजद का प्रभाव
पिथौरागढ़

CH-20000 0.500

29°34'34.53 N

80°17'43.46 E



अविभासी अभियन्ता
राष्ट्रीय खण्ड, लो० नि० बि०
पिथौरागढ़

③

वन क्षेत्र अधिकारी
पिथौरागढ़

सहायक अभियन्ता
सं० नि० बि० पिथौरागढ़

कार्ड नाम:- राज्य योजना के अंतर्गत जिला से वार्डियाकोट गौहर मार्ग के मऊ डिस्ट्रिक्ट हवाते की फोटो

CH-2800 + 2.000
29° 34' 52.50 N
80° 17' 49.35 E



(4)

CH-3900 + 4.000
29° 34' 50 N
80° 18' 13.79 E



(5)

A-A-E

सहायक अभियन्ता
प्रमुख संचालक, पियोरामत
आवासनी अभियन्ता
आवासनी सचिव, संचालक वि०
पियोरामत

वन अधिकारी
पियोरामत

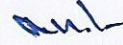
प्रभागीय वन अधिकारी
पियोरामत वन प्रभाग
पियोरामत

मलवा निस्तारण व्यय वहन प्रमाण पत्र

मक डिस्पोजल हेतु वनीकरण एवं अभियांत्रिकी कार्यो में जो भी व्यय होगा उसे लोक निर्माण विभाग द्वारा वन विभाग की मांग के अनुसार उपलब्ध करा दिया जायेगा।



सहायक अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०
पिथौरागढ।



अधिशाली अभियन्ता
प्रान्तीय खण्ड, लो०नि०वि०
पिथौरागढ।