


परियोजना का नाम :- जनपद पिथौरागढ़ में गोगिना सल्ला मोटर मार्ग से चिंगरी पन्ना चौड मोटर मार्ग का निर्माण।


Sr no	Discription of Item	Quantity	Unit	Remark
1	Material recived from hill site cutting 1/2x1500x3x3=	6750.00	cum	
2	add 20% for swell factor	1350.00	cum	
3	Total quantity for disposal	8100.00	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	2025.00	cum	
2	RR stone masonry laid dry for Breast wall 25% of total material	2025.00	cum	
3	Hand packed Stone filling Behind Retaing wall and Breast wall 30% of R/wall and breast=(a+b)x30%	1215.00	cum	
4	Construction of wire crate Total quantity used in Dumping yard	1080.00	cum	
5	Construction of parapet (1x100x3x2x0.4 5x0.60)=	81.00	cum	
6	Granular sub base (1x3x400x4.15x0.12)=	298.80	cum	
7	Improvement of Road grade (1x3x200x6x0.50)	900.00	cum	
	Total material used	7624.80	cum	
	material disposed by cartage to dumping yards	475.20	cum	


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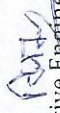
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Details of Muck Disposal Yards with Land Owner Detail

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. 0.200 to 0.260	Van Panchayat (Uttarakhand Govt.)	0.0060	60.00	60.00	29°28'45.37"N	80°12'14.70"E
2	Ch. 0.810 to 0.860	Civil And Soyam bhoomi	0.0050	50.00	50.00	29°28'45.12"N	80°12'4.70"E
3	Ch. 1.070 to 1.120	Civil And Soyam bhoomi	0.0050	50.00	50.00	29°28'50.51"N	80°12'20.19"E
		Total	0.0160	160.0000	160.0000		


 उपसहायक विभागाध्यक्ष
 जनपद पिथौरागढ़
 उत्तराखण्ड


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 Sub Div. Pithoragarh


 Executive Engineer
 Executive Engineer
 Rural Works Department
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Muck Disposal Plan

परियोजना का नाम :- जनपद पिथौरागढ़ में गोगिना सल्ला मोटर मार्ग से चिंगरी पन्ना चौड मोटर मार्ग का निर्माण।

Summary of Results

1 The quantity of material received from hill side cutting ==	8100.00 cum
(Sheet sttached on page no. of Muck disposal estimate)	
2 The quantity of material used in various items =	7624.80 cum
(Sheet sttached on page no. of Muck disposal estimate)	
3 The remaining quantity of muck for dumping i/c swell factor	475.20 cum
(Sheet sttached on page no. of Muck disposal estimate)	
4 Numbers of dumping yards needed for the dumping of muck	
(i) Rajya Van Land =	2.00 Nos
(ii) In Nap Land =	3.00 Nos
(Sheet sttached on page no. of Muck disposal estimate)	
5 Carring capacity of dumping yards with dimensions & coordinates	
Area in hect	0.016
Quantity	
(i) Van Panchayat Land =	180.00 cum
(ii) In Civil Soyam =	300.00 cum
	480.00 cum
(Sheet sttached on page no. 95 of Muck disposal estimate)	
6 Land ownership Reports (Nap Land)	
(Sheet sttached on page no. 99 of Muck disposal estimate)	
7 Amount for Construction of Dumping Yards	
(i) Van Panchayat Land =	1.68 Lacs
(ii) In Civil Soyam =	3.70 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 =	5.38 Lacs
(ii) Cost of Vegetation Plantation =	3.75 Lacs
	Total 9.13
Add 2% for Incidental Charges	0.18
	Total 9.31

अ.प्र. २०१८ अ.प्र. २०१८
अ.प्र. २०१८ अ.प्र. २०१८
अ.प्र. २०१८ अ.प्र. २०१८

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परियोजना का नाम :- जनपद पिथौरागढ़ में गोरिना सल्ला मोटर मार्ग से चिंगरी पन्ना चौड़ मोटर मार्ग का निर्माण।

Summary of Debris disposal


Sr. no	Total debris	Reused material for road construction	Material disposed by Cartage	Total disposal in dumping zone	Balance debris
1	8100.00	7624.80	475.20	480.00	Nil

Location and quantity of debris for disposal

Sr. no	Location of dumping yards	Size of dumping yards	Type of land	Capacity of dumping yards	Remark
1	Ch. 0.200 to 0.260	30 x2x3	Van Panchayat (Uttarakhand Govt.)	180.00	कुल अधिग्रहित वन भूमि की चौड़ाई = 7.00 मी०
2	Ch. 0.810 to 0.860	25 x2x3	Civil And Soyam bhoomi	150.00	मोटर मार्ग में प्रयुक्त वन भूमि की चौड़ाई = 6.00 मी०
3	Ch. 1.070 to 1.120	25 x2x3	Civil And Soyam bhoomi	150.00	मलवा निस्कारण हेतु प्रयुक्त वन भूमि की चौड़ाई = 7.00-6.00 = 1.00 मी०
		80	Total	480.00	


असिस्टेंट इंजीनियर
ग्रामीण विकास विभाग
पिथौरागढ़

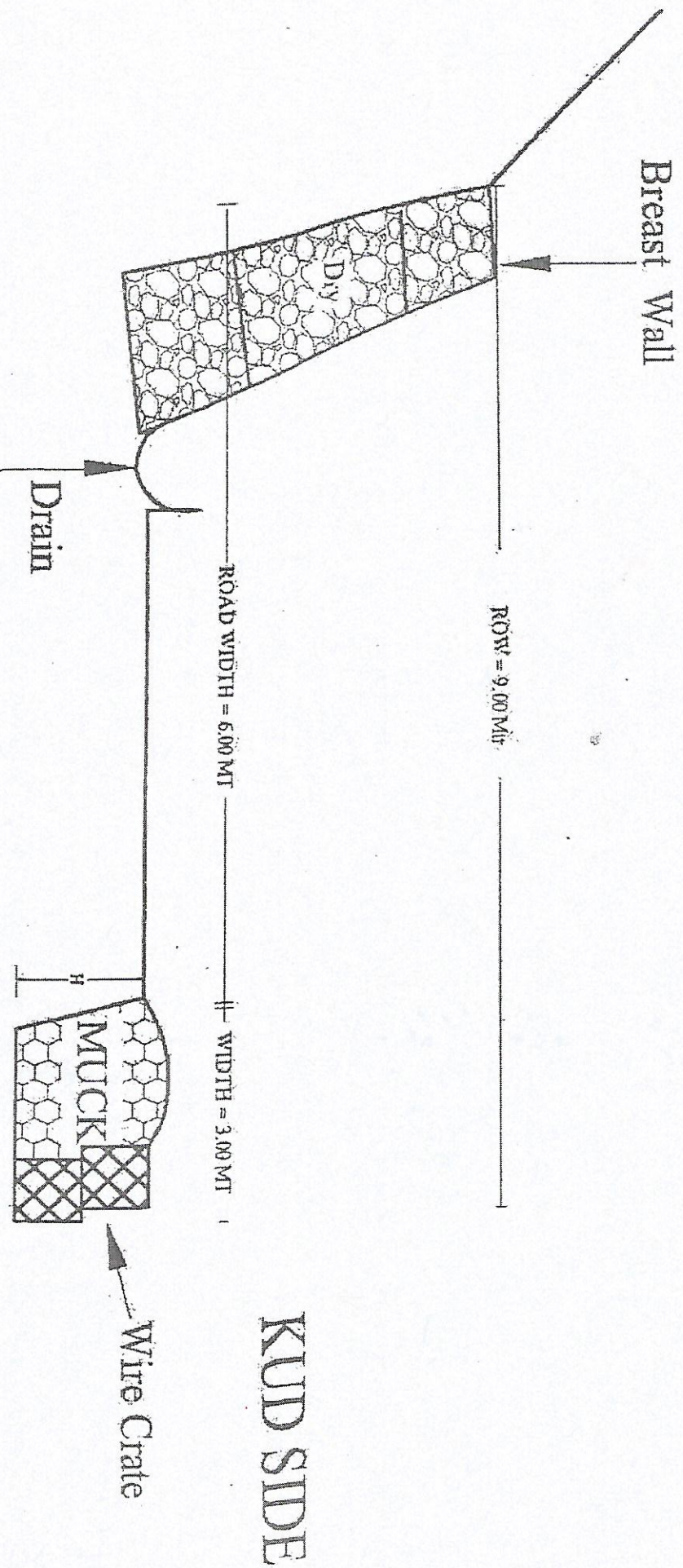

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HILL SIDE

PROPOSAL PLAN FOR MUCK DUMPING



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Assistant Engineer
Rural Works Department
Sub Division Engineer
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Executive Engineer
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Analysis of Rates

परियोजना का नाम :- जनपद पिथौरागढ़ में गोगिना सल्ला मोटर मार्ग से चिंगरी पन्ना चौड मोटर मार्ग का 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	756.10
3		Vegitative Plantation	

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Detail of Measurement

परियोजना का नाम :- जनपद पिथौरागढ़ में गोमिना सल्ला मोटर मार्ग से चिंगरी पन्ना चौड मोटर मार्ग का 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. 0.200 to 0.260	1x1/2	30.00	1.50	0.30	6.75 cum.
	Ch. 0.810 to 0.860	1x1/2	25.00	1.50	0.30	5.63 cum.
	Ch. 1.070 to 1.120	1x1/2	25.00	1.50	0.30	5.63 cum.
					G.Total	18.01 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. 0.200 to 0.260	1x2	30.00	1.50	1.50	135.00 cum.
	Ch. 0.810 to 0.860	1x2	25.00	1.50	1.50	112.50 cum.
	Ch. 1.070 to 1.120	1x2	25.00	1.50	1.50	112.50 cum.
					G.Total	360.00 cum.
3	Vegetation Plantation .					



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Bill of Quantity

परियोजना का नाम :- जनपद पिथौरागढ़ में गोगिना सल्ला मोटर मार्ग से खिंगरी पन्ना चौड मोटर मार्ग का 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)	18.01	cum.	237.50	4277.38
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.	360.00	cum.	1483.19	533948.40
				Total	538225.78
3	Vegitation Plantation .	1.00	Job	375000.00	375000.00
				Total	913225.78
	Add 2% for Incidental Charges				18264.52
				Total	931490.30


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Summary of Estimated Cost

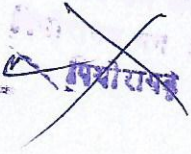
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S.No.	Description	Amount In Lacs
1-	Muck disposal	931490.30
	Total	931490.30
	Say	9.31 Lacs


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पिथौरागढ़

कार्य का नाम - जनपद पिथौरागढ़ में गोगिना सल्फा मो.आर्ग से
चिंगरी पच्चाचौंड मो.स्व. आर्ग का निर्माण

①

च. 0.200 से
0.260

29° 28' 45.37 N
80° 12' 14.70 E



रि. ४
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②

च 0.810 to 0.860

29° 28' 45.12 N
80° 12' 4.70 E

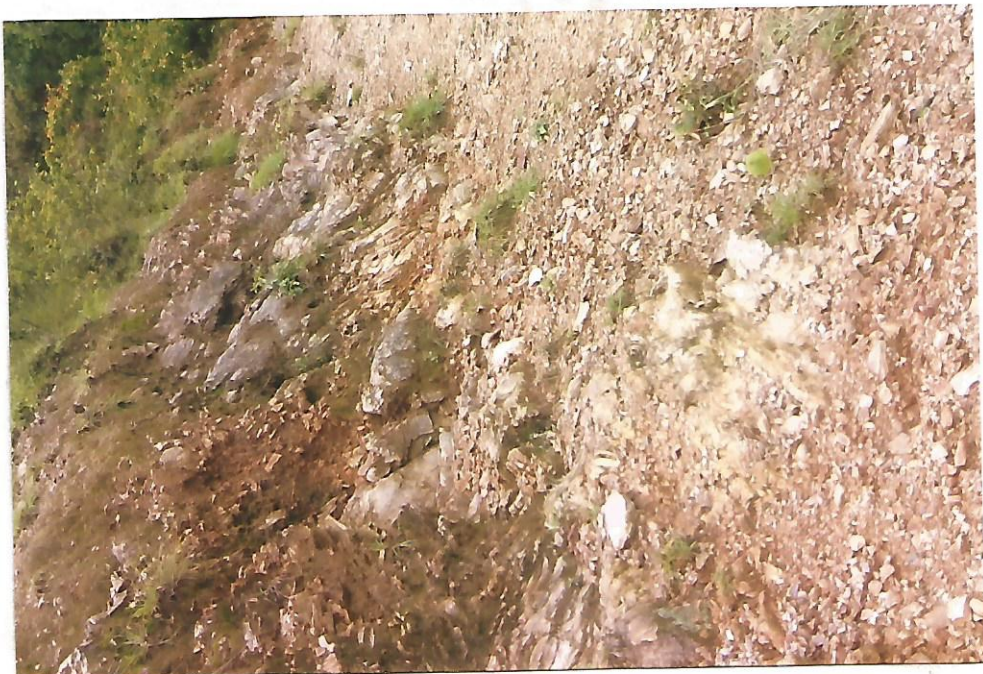


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③

च 1.070 to 1.120


29° 28' 50.51 N
80° 12' 20.19 E




रि. ५
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मलवा निस्तारण व्यय वहन प्रमाण पत्र

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


सहायक अभियन्ता
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अधिशाली अभियन्ता
ग्रा० नि० वि०
पिथौरागढ़।
