



कुमायूँ क्षेत्र – अल्मोड़ा

खण्ड का नाम	:-	प्रा० खं०, लो०नि०वि०, पिथौरागढ़
वृत्त का नाम	:-	तृतीय वृत्त, लो०नि०वि०, पिथौरागढ़
जनपद का नाम	:-	पिथौरागढ़
लोकसभा क्षेत्र	:-	अल्मोड़ा – पिथौरागढ़
विधानसभा क्षेत्र	:-	44 पिथौरागढ़



MUCK DISPOSAL PLAN

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव मोटर मार्ग का नव निर्माण

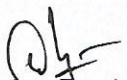
लागत	रु०	16.51	लाख
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परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव मोटर मार्ग का नव निर्माण।

Sr no	Discription of Item	Quantity	Unit	Remark
	Material recived from hill site cutting			
1	1/2x4000x3x3=	18000.00	cum	
2	add 20% for swell factor	3600.00	cum	
3	Total quantity for disposal	21600.00	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	5400.00	cum	
2	RR stone masonry laid dry for Breast wall 25% of total material	5400.00	cum	
3	Hand packed Stone filling Behind Retaing wall and Breast wall 30% of R/wall and breast=(a+b)x30%	3240.00	cum	
4	Construction of wire crate Total quantity used in Dumping yard	2902.50	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	20355.30	cum	
	material disposed by cartage to dumping yards	1244.70	cum	


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


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


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Pro. Div. P.W.D
Pithoragarh

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव 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. 0.300 to 0.350	Nap Land	0.0100	100.00	100.00	29°36'38.46"N	80°11'48.36"E
2	Ch. 0.610 to 0.635	Nap Land	0.0050	50.00	50.00	29°36'47.05"N	80°11'55.09"E
3	Ch. 1.440 to 1.465	Van Panchayat (Uttarakhand Govt.)	0.0100	100.00	100.00	29°36'47.81"N	80°12'1.89"E
4	Ch. 1.550 to 1.570	Nap Land	0.0100	100.00	100.00	29°36'32.75"N	80°12'22.07"E
5	Ch. 2.700 to 2.740	Civil and Soyam Van bhoomi	0.0080	80.00	80.00	29°36'35.94"N	80°12'34.07"E
		Total	0.0430	430.0000	430.0000		


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


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


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

Muck Disposal Plan

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव मोटर मार्ग का नव निर्माण।

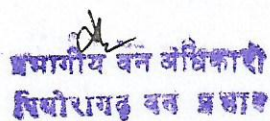
Summary of Results

1	The quantity of material received from hill side cutting :-	21600.00
	(Sheet sttached on page no. of Muck disposal estimate)	
2	The quantity of material used in various items =	20355.30
	(Sheet sttached on page no. of Muck disposal estimate)	
3	The remaining quantity of muck for dumping i/c swell factor	1244.70
	(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
	(ii) In Nap Land =	3.00
	(Sheet sttached on page no. of Muck disposal estimate)	
5	Carring capacity of dumping yards with dimensions & coordinates	
	Area in hect	0.043
	(i) Rajya Van Land =	Quantity 540.00
	(ii) In Nap Land =	750.00
		1290.00
	(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) Rajya Van Land =	7.23
	(ii) In Nap Land =	5.20
	(Sheet sttached on page no. 90 & 92 of Muck disposal estimate)	
8	Cost of Vegetation Plantation in Civil Soyam Land =	3.75
	(Sheet sttached on page no. 93 of Muck disposal estimate)	
9	Total Amount in Civil Soyam Land =	
	(i) Cost of construction of dumping Yards =	12.43
	(ii) Cost of Vegetation Plantation =	3.75
		Total 16.18
	Add 2% for Incidental Charges	0.32
		Total 16.51


J.E.


A.E.


E.E.


जनपदीय वन अधिकारी
पिथौरागढ़ वन प्रभाग

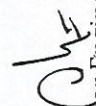
परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव मोटर मार्ग का नव निर्माण।

Summary of Debris disposal

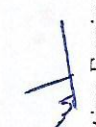
Sr. no	Total debris	Reused material for road construction	Material disposed by Cartage	Total disposal in dumping zone	Balance debris
1	21600.00	20355.30	1244.70	1290.00	Nil

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. 0.300 to 0.350	50 x2x3	Nap Land	300.00	कुल अधिग्रहित वन भूमि की चौड़ाई = 9.00 मी० मोटर मार्ग से प्रयुक्त वन भूमि की चौड़ाई = 6.00 मी० मलवा निस्तारण हेतु प्रयुक्त वन भूमि की चौड़ाई = 9.00-6.00 = 3.00 मी०
2	Ch. 0.610 to 0.635	25 x2x3	Nap Land	150.00	
3	Ch. 1.440 to 1.465	50 x2x3	Van Panchayat (Uttarakhand Govt.)	300.00	
4	Ch. 1.550 to 1.570	50 x2x3	Nap Land	300.00	
5	Ch. 2.700 to 2.740	40 x2x3	Civil and Soyam Van bhoomi	240.00	
		215	Total	1290.00	


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Pro. Div. P.W.D
Pithoragarh


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Pro. Div. P.W.D
Pithoragarh

Analysis of Rates

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव 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
			-210.00
			1273.19
		Cum	756.10
3		Deduct cost of stone as per SOR (PM00 99) Total cost Vegitative Plantation	
		Cum	Cum


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Pithoragarh


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Detail of Measurement

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव 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. 0.300 to 0.350	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 0.610 to 0.635	1x1/2	25.00	1.50	0.30	5.63 cum.
	Ch. 1.440 to 1.465	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 1.550 to 1.570	1x1/2	50.00	1.50	0.30	11.25 cum.
	Ch. 2.700 to 2.740	1x1/2	40.00	1.50	0.30	9.00 cum.
					G.Total	48.38 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. 0.300 to 0.350	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 0.610 to 0.635	1x2	25.00	1.50	1.50	112.50 cum.
	Ch. 1.440 to 1.465	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 1.550 to 1.570	1x2	50.00	1.50	1.50	225.00 cum.
	Ch. 2.700 to 2.740	1x2	40.00	1.50	1.50	180.00 cum.
					G.Total	967.50 cum.
3	Vegetation Plantation .					


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 Pro. Div. P.W.D
 Pithoragarh


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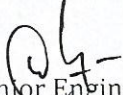

 प्रभागीय वन अधिकारी
 पिथौरागढ़ वन प्रभाग

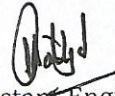

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Bill of Quantity

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव 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)	48.38	cum.	237.50	11490.25
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.	967.50	cum.	1273.19	1231811.33
				Total	1243301.58
3	Vegetation Plantation .	1.00	Job	375000.00	375000.00
				Total	1618301.58
	Add 2% for Incidental Charges				32366.03
				Total	1650667.61


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


 Assistant Engineer
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 जनपद पिथौरागढ़
 पी.डी.पी.डी.
 पिथौरागढ़

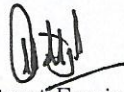

 जनपद पिथौरागढ़
 पी.डी.पी.डी.
 पिथौरागढ़

Summary of Estimated Cost

परियोजना का नाम :- जनपद पिथौरागढ़ में चण्डाक से मैईला तडीगांव मोटर मार्ग का नव निर्माण।

S.No.	Description	Amount In Lacs
1-	Muck disposal	1650667.61
	Total	1650667.61
	Say	16.51 Lacs


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Pithoragarh


Assistant Engineer
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Pithoragarh


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


Junior Engineer
P.W.D.


जन क्षेत्र विकास
पिथौरागढ़


प्रभागीय जन विकास
पिथौरागढ़ जन प्रभाग


जन क्षेत्र विकास
पिथौरागढ़
पिथौरागढ़ जन प्रभाग

NAME OF WORK – CONSTRUCTION OF CHANDAK MAILA TADIGOWN MOTOR ROAD UNDER
STATE SECTER



MUCK DISPOSAL POINT NO. 3 KM 2



MUCK DISPOSAL POINT NO. 4 KM 3

Ch=
J.E.

Ch

Ch

Ch

Ch

Ch

महाराष्ट्र शासनाचे
निधीकरण व प्रचार

NAME OF WORK – CONSTRUCTION OF CHANDAK MAILA TADIGOWN MOTOR ROAD UNDER
STATE SECTER



MUCK DISPOSAL POINT NO. 1 KM 1



MUCK DISPOSAL POINT NO. 2 KM 2

Ch-
J.E.

Shahid

h

Ch

प्रजातीय वन अधिकारी
निर्धारणक वन प्रशासक

NAME OF WORK - CONSTRUCTION OF CHANDAK MAILA TADIGOWN MOTOR ROAD UNDER
STATE SECTER



MUCK DISPOSAL POINT NO. 5 KM 4


J. E.






2.5


वन क्षेत्र अधिकारी
मिथौरागढ़


वन प्रशासकीय वनाधिकारी
डीडीहाट
मिथौरागढ़ वन प्रभाग


प्रशासकीय वन अधिकारी
मिथौरागढ़ वन प्रभाग