

प्रपत्र - 41


परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडीहाट के अन्तर्गत अस्कोट—सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।


विकास खण्ड का नाम :- कनालीछीना


प्रतिवेदन

प्रस्तुत प्राक्कलन उक्त मोटर मार्ग के निर्माण के समय उत्सर्जित मलवे के निस्तारण हेतु गठित किया गया है। उत्सर्जित मलवे के निस्तारण हेतु स्थल चयन हेतु संयुक्त निरीक्षण किया गया, निरीक्षण के समय मार्ग में चैनेज संख्या किमी० 0.000, 0.300, 0.475, 1.500, 2.00, 3.000, 3.300, 3.600 पर स्थलों का चयन किया गया है। उक्त स्थल मार्ग के किनारे पर स्थित है। मवला निस्तारण हेतु खड्ड साइड में मार्ग के समानान्तर वायरक्रेट लगाये जाने का प्राविधान है।

अतः उक्तानुसार उत्सर्जित मलवे के निस्तारण हेतु रू० 67.23 लाख का प्राक्कलन गठित किया गया है। उक्त प्राक्कलन के अनुसार ही मार्ग निर्माण के समय उक्त कार्य भी कराये जायेंगे।

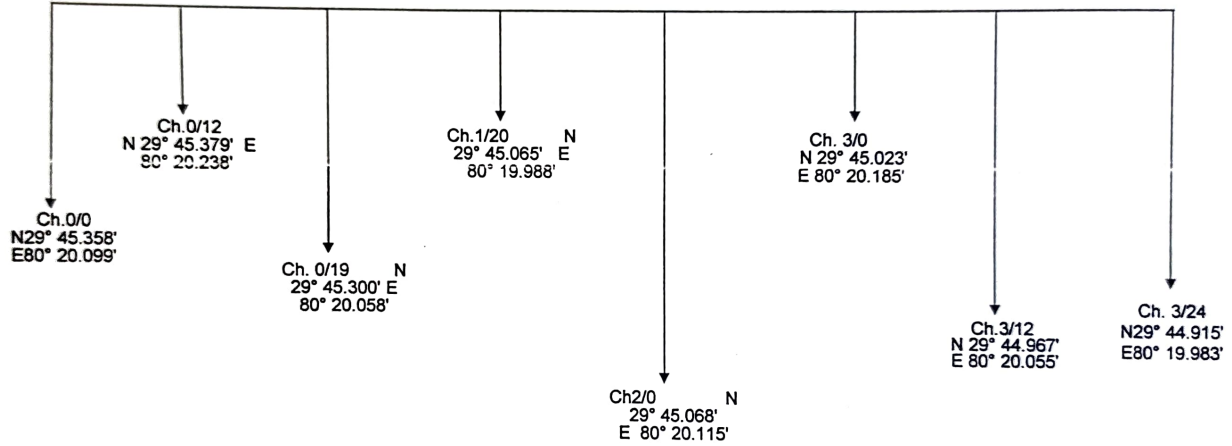

(डॉ० सुमन लोहा)
कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि०
अस्कोट



(डॉ० हेमन्त चन्दोला)
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नि०ख०, लो०नि०वि०
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(डॉ० आशुतोष)
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नि०ख०, लो०नि०वि०
अस्कोट

परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

मलवा निस्तारण हेतु लाइन डायग्राम
निस्तारित बिन्दु




23/8/21
(डॉ. सुमन चंदेल)
कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट


23/8/21
(डॉ. हेमन्त चन्देला)
सहायक अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट


25.9.21
(डॉ. अशुतोष)
अधिशाली अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट

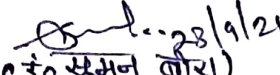
प्रपत्र- 41


परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।


विकास खण्ड का नाम :- कनालीछीना

मक डम्पिंग प्लान/प्रमाण पत्र

प्रमाणित किया जाता है जनपद पिथौरागढ़ में विकास खण्ड कनालीछीना के अन्तर्गत मा० मुख्यमंत्री घो० सं० 1711/2015 के अन्तर्गत जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग लम्बाई 4.00 कि०मी० के निर्माण से उत्पादित मलबे को उचित प्रक्रियानुसार सुरक्षित स्थान पर डम्प किया जायेगा। मलबा कहीं भी वृक्ष आच्छादित क्षेत्र, जल स्रोतों में नहीं डाला जायेगा।


(श्री० सुमन लोरा)
कनिष्ठ अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट


(श्री० हेमन्त चन्देल)
सहायक अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट


(श्री० ज्योती)
अधिसासी अभियन्ता,
नि०ख०, लो०नि०वि० अस्कोट



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MISCELLANEOUS
For Block 53 Kanali Chhina

Year :- FY. 2021-22
Effective From:-01-May-2021

Sl. No.	Description	Rate	Unit
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CHAPTER-1 - General Items

1-1	Earthwork in Hill Road (Hill Side Cutting)		
1-1-1	Excavation in soil in Hilly Area by mechanical means		
1-1-1-A	Excavation in soil in Hilly Area by mechanical means Without useing Dozer including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per Technical Specification Clause 1603.1	74.10	Cum
1-1-1-B	Extra for Every Additional Lift of 1.5 m or Part thereof	27.10	Cum
1-1-2	Excavation in Hilly Areas in Ordinary Rock by mechanical means not requiring blasting (With out Dozer)		
	Excavation in hilly area in ordinary rock not requiring blasting by mechanical means without using Dozer including cutting and trimming of slopes and disposal of cut material with a lift upto 1.5 m and lead upto 20 m as per Clause 1603.2.	114.90	Cum
1-1-3	Excavation in Hilly Areas in Hard Rock requiring blasting		
1-1-3-A	Excavation in hilly areas in hard rock requiring blasting, by mechanical means without using Dozer , lift upto 1.5 m and disposal of excavated rock upto a lead of 20 m as per Clause 1603.2.	287.90	Cum
1-1-3-B	Extra for Every Additional Lift of 1.5 m or Part thereof	53.30	Cum
1-2	Excavation in foundation for retaining, breast walls etc, in all types of soils and rocks including all lead, lift and disposal of surplus material as per direction of engineer - in - charge, as per drawing and technical specifications Clause 305.1 of MORD Specifiction	411.20	Cum
1-3	Random Rubble Stone Masonry laid Dry, in breast walls, retaining walls, etc. including supply of all material, labour, T&P and royalties etc. complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 of MORD Specifiction	2,222.10	Cum
1-4	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walls, retaining walls, parapets, scuppers, etc. including supply of all material, labour, T&P and royalties etc. complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 of MORD Specifiction	3,986.50	Cum
1-5	Hand Packed stone filling in back of wallls including cost of all materials, royalty, T&P etc. complete as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)	922.90	Cum
1-6	Construction of coolie walling including supply of all material, labour, T&P etc. required for proper completion of the work as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)	1,464.60	Cum

23/7/21
(अ. सुमन लोरा)
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24/7/21
(अ. हेमन्त चन्दोला)
सहायक अभियन्ता
निर्माण खण्ड लोन्वि
असस्टेंट (निर्माण)



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MISCELLANEOUS
For Block 53 Kanali Chhina

Year :- FY. 2021-22
Effective From:-01-May-2021

Sl. No.	Description	Rate	Unit
1-7	Providing and laying of wire crates 3.00x1.50x1.50 in size with GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders. as per direction of Engineer-in- charge. (As per PWD Uttarakhand specifications)		
1-7-1	GI wire 10 gauge BWG	1,917.00	Cum
1-7-2	GI wire 8 gauge BWG	2,144.20	Cum
1-8	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	9,389.20	No.
		or 3129.73/Cum.	
1-9	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions of galvanized steel, of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 3 mm for gabions, edge/selvedge wire diameter 3.9 mm and lacing wire diameter 2.2 mm. (The work includes filling boulders in the gabions).	9,607.40	No.
1-10	Clearance of land slides (Slip Clearance)		
1-10-1	Clearance of land slides in soil and ordinary rock by a bull-dozer D 80 A-12, 180 HP and disposal of the same on the valley side complete as directed by the Engineer-in-charge.	70.10	Cum
1-10-2	Clearing of land slide in hard rock requiring blasting for 50 per cent of the boulders and disposal of the same on the valley side (Using bull-dozer) complete as directed by the Engineer-in-charge.	115.00	Cum
1-10-3	Slip clearance (by manual means) of loose earth and other small loose materials including disposal complete as directed by the Engineer-in-charge.	245.90	Cum
1-10-4	Slip clearance (by manual means) of earth and boulders including disposal complete as directed by the Engineer-in-charge.	246.60	Cum
1-10-5	Slip clearance (by manual means) of boulders only including disposal complete as directed by the Engineer-in-charge.	264.00	Cum
1-11	Setting Out (Construction of Reference Pillars, Back Pillars and Job Pillars)		
1-11-1	Construction of reference pillars with RR 1:6 stone masonry and Plastered with 1:4 Mortar, (totally under ground) of length 200mm, width 200mm and height 300mm) as per Fig. 1600.1 (b) and Technical Specification Clause 1602.1 of MORD specifications.	65.10	No.

23/9/21
(डॉ. सुमन जोरा)
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सहायक अभियन्ता
निर्माण खण्ड लोन्गिबि
अस्कोट (पिथौरागढ़)



PWD UTTARAKHAND
SCHEDULE OF RATES

SOR :- MORD

For Block 53 Kanali Chhina

Year :- FY. 2021-22

Effective From:-01-May-2021

Sl. No.	Description	Rate	Unit
3-6	Excavation in Marshy Soil Excavation for roadway in marshy soil with hydraulic excavator 0.9 Cum bucket capacity including cutting and loading in tippers and disposal with a lift upto 1.5 m and lead upto 1000 m, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross- sections as per Technical Specification Clause 302.3.6.	66.30	Cum
3-7	Removal of Unsuitable Soil with Disposal upto 1000 m Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per Clause 303.5.2 as per Technical Specification Clause 302.3.11	50.70	Cum
3-8	Excavation in ordinary Rock by manual means		
3-8-1	Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3.5.	299.80	Cum
3-8-2	Excavation in Ordinary Rock with Dozer with lead upto 100 m Excavation for roadway in ordinary rock by deploying a dozer D-50 including cutting and pushing the cut earth to site of embankment upto a distance of 100 m (average lead 50 m), trimming bottom and side slopes in accordance with the requirements of lines, grades and cross-sections with lift upto 1.5 m.	58.90	Cum
3-8-3	Excavation in Ordinary Rock using Hydraulic Excavator and Tippers with disposal upto 1000 m Excavation for roadway in ordinary rock with hydraulic excavator of 0.9 Cum bucket capacity including cutting and loading in tippers, transporting to embankment site with a lift upto 1.5 m and lead upto 1000 m, trimming bottom and side slopes in accordance with requirements of lines, grades and cross-sections as per Technical Specification Clause 302.3.5	79.50	Cum
3-9-A	Excavation in Hard Rock (with Credit for useful Mateial Received)		
3-9-A-1	Excavation for roadway in hard rock (requiring blasting) by drilling, blasting and breaking, trimming of bottom and side slopes in accordance with requirements of lines, grades and cross-sections, loading and disposal of cut rock with a lift upto 1.5 m and leads upto 1000 m as per Technical Specification Clause 302.3.5	217.00	Cum

23/9/21
(इं. सुमन खेर)
जे

23/9/21
(इं. हेमन्त चन्देला)
सहायक अभियन्ता
निर्माण खण्ड लोन्गिनि
अस्कोट (पिथौरगढ़)

ANALYSIS OF RATE

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Block 53 Kanalichhina (PITHORAGARH)

Effective date 01/05/2021

S N		Item Description		Unit
1	Mis- 1-2	Excavation in foundation in all kinds of soil and rocks etc. including all lead and lift as per specification and also including all labour T&P etc. required for proper completion of work	411.20	CuM
2	Mis- 1-8	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	9389.20	no
			3129.73	cum
3	Mord 3-7	Removel of unsuitable soil including excavation ,loading ,and disposal up 1000m lead but excluding compaction ground supporting wmbankment sub grade replacement by suitable soil which shall be paid separately as per clause 303.5.2 as per technical specification clause 302.3.11	50.70	cum

23/9/21
(इं. सुमन जोरा)
J.E.

24/9/21
(इं. हेमन्त चन्देल)
सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

25.09.21
(इं. आशुतोष)
अधिशासी अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

DETAIL OF MESURMENT (CIVIL LAND)

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

- 1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.

Sl No.	Location of wirecrate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 0/0 on this alignment	1	x	1	22.00	1.00	0.50	11.00	Cum
		1	x	2	15.00	1.00	0.50	15.00	Cum
2	Ch. 3/0 on this alignment	1	x	1	52.00	1.00	0.50	26.00	Cum
		1	x	2	20.00	1.00	0.50	20.00	Cum
3	Ch. 3/12 on this alignment	1	x	1	32.00	1.00	0.50	16.00	Cum
		1	x	2	15.00	1.00	0.50	16.50	Cum
4	Ch. 3/24 on this alignment	1	x	1	22.00	1.00	0.50	11.00	Cum
		1	x	2	15.00	1.00	0.50	15.00	Cum
							TOTAL	130.50	Cum

2 Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).

Sl No.	Location of wire crate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 0/0 on this alignment	1	x	1	22.00	1.00	4.50	99.00	Cum
		2	x	0.5	15.00	1.00	4.50	67.50	Cum
2	Ch. 3/0 on this alignment	1	x	1	52.00	1.00	5.50	286.00	Cum
		2	x	0.5	20.00	1.00	5.50	110.00	Cum
3	Ch. 3/12 on this alignment	1	x	1	32.00	1.00	5.00	160.00	Cum
		2	x	0.5	15.00	1.00	5.00	75.00	Cum
4	Ch. 3/24 on this alignment	1	x	1	22.00	1.00	4.50	99.00	Cum
		2	x	0.5	15.00	1.00	4.50	67.50	Cum
							GRAND TOTAL	964.00	Cum

23/9/21
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JE

(इं. हेमन्त चन्दोला)
सहायक अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

DETAIL OF MEASUREMENT (Van Panchayat)

परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.									
S N.	Location of wirecrate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 0/12 on this alignment	1	x	1	32.00	1.00	0.50	16.00	Cum
		2	x	1	20.00	1.00	0.50	20.00	Cum
2	Ch. 0/19 on this alignment	1	x	1	32.00	1.00	0.50	16.00	Cum
		2	x	1	20.00	1.00	0.50	20.00	Cum
							TOTAL	72.00	Cum
2 Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).									
S N	Location of wire crate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 0/12 on this alignment	1	x	1	32.00	1.00	4.00	128.00	Cum
		2	x	0.5	20.00	1.00	4.00	80.00	Cum
2	Ch. 0/19 on this alignment	1	x	1	32.00	1.00	4.50	144.00	Cum
		2	x	0.5	20.00	1.00	4.50	90.00	Cum
						GRAND TOTAL		442.00	Cum

[Signature]

23/9/21
(डॉ. सुमन कौर)
JE

(डॉ. हेमन्त चन्देला)
सहायक अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

DETAIL OF MEASUREMENT (NAP LAND)

परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

1 Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.									
S N.	Location of wirecrate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 1/20 on this alingment	1	x	1	32.00	1.00	0.50	16.00	Cum
		2	x	1	20.00	1.00	0.50	20.00	Cum
2	Ch. 2/0 on this alingment	1	x	1	22.00	1.00	0.50	11.00	Cum
		2	x	1	15.00	1.00	0.50	15.00	Cum
							TOTAL	62.00	Cum
2 Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).									
S N	Location of wire crate	No s.			Length (in m)	Breadth (in m)	Depth / Height (in m)	QTY	Unit
1	Ch. 1/20 on this alingment	1	x	1	32.00	1.00	5.00	160.00	Cum
		2	x	0.5	20.00	1.00	5.00	100.00	Cum
2	Ch. 2/0 on this alingment	1	x	1	22.00	1.00	4.50	99.00	Cum
		2	x	0.5	15.00	1.00	4.50	67.50	Cum
							GRAND TOTAL	426.50	Cum
3 Removal of unsuitable soil including excavation ,loading ,and disposal up 1000m lead but excluding compaction ground supporting wmbankment sub grade repalacement by suitable soil which shall be paid separately as per clause 303.5.2 as per technical specification clause 302.3.11									
	Thus material to be disposed							8,819.00 cum	

(Handwritten signature)
22/9/21

(डॉ. हेमन्त चन्देला)

सहायक अभियन्ता

निर्माण खण्ड लो०नि०वि०

अस्कोट (पिथौरागढ़)

(Handwritten signature)
23/9/21
(डॉ. सुमन बोरा)
JE

Bill of Quantity (CIVIL LAND)

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Sl No	Name of Item	QTY	Unit	Rate	Per	Amount
1	Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.	130.50	Cum	411.20	Cum	53661.60
2	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	964.00	Cum	3129.73	Cum	3017059.72
					Total	3070721.32

23/9/21
(इं० सुमन बोरा)
JE

(इं० सुमन बोरा)
सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

प्रभागिय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़

25.9.21
(इं० आशुतोष)
अधिशामी अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

Bill of Quantity (Van Panchayat)

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Sl No	Name of Item	QTY	Unit	Rate	Per	Amount
1	Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.	72.00	Cum	411.20	Cum	29606.40
2	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	442.00	cum	3129.73	cum	1383340.66
					Total	1412947.06

23/9/21
(डॉ. जमन बौरा)
P.E.

प्रभागीय वन अधिकारी
पिथौरागढ़ वन प्रभाग
पिथौरागढ़

24/9/21
(इं. हेमन्त चन्दोला)
सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

25.9.21
(इं. साशुतोष)
अधिशासी अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

Bill of Quantity (NAP LAND))

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Sl No	Name of Item	QTY	Unit	Rate	Per	Amount
1	Excavation in foundation for retaining & breast walls in all types of soil and rock including lead, lift and disposal of surplus material as per specification.	62.00	Cum	411.20	Cum	25494.40
2	Providing and Laying of Mechanically Woven Double Twisted Hexagonal shaped Gabions (Zinc plus PVC coated), of size 3mX1mX1m with two diaphragms at 1m interval, having mesh opening 100mmx120 mm, mesh wire diameter 2.7mm/3.7mm, edge/selvedge wire diameter 3.4/4.4 mm and lacing wire diameter 2.2/3.2 mm. (The work includes filling boulders in the gabions).	426.50	cum	3129.73	cum	1334829.85
3	Removal of unsuitable soil including excavation, loading, and disposal up 1000m lead but excluding compaction ground supporting embankment sub grade replacement by suitable soil which shall be paid separately as per clause 303.5.2 as per technical specification clause 302.3.11	8819.00	cum	50.70	cum	447123.30
					Total	1807447.55

23/1/21
(इं. जमन जोरा)
J.E.

23/1/21
(इं. हेमन्त चन्दोरा)
सहायक अभियन्ता
निर्माण खण्ड लो. नि. वि.
अस्कोट (पिथौरागढ़)

ब्रह्मगीत वन अधिकारी
पिथौरागढ़ वन ब्रम्हा
पिथौरागढ़

25-9-21
(इं. आशुतोष)
अधिशामी अभियन्ता
निर्माण खण्ड लो. नि. वि.
अस्कोट (पिथौरागढ़)

MUCK DISPOSAL PLAN

परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट—सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Summary of Result

1	The quantity of material received from hill side cutting (Sheet attached on page no-)	48720.00	Cum
2	The quantity of material used in various items (Sheet attached on page no-)	39901.00	Cum
3	Total numbers of dumping yards needed for the dumping of muck (i) In civil land (ii) In nap land (ii) In vanpanchayat land Total	4 2 2 8	Nos Nos Nos
4	Carrying capacity of dumping yards (i) In civil land (ii) In nap land (ii) In vanpanchayat land Total	4831.25 2062.50 2400.00 9293.75	Cum Cum Cum Cum
5	Land ownership reports(Nap Land) (Sheet attached on page no-)		
6	Total Amount for Construction of dumping Yards (i) In civil land (ii) In nap land (ii) In vanpanchayat land	30.71 18.07 14.13	Lacs Lacs Lacs

62.91

23/9/21
(डॉ. सुमन बौरा)
J.E.

23/9/21
(डॉ. हेमन्त चन्दोल)
सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

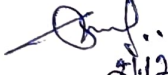
25.9.21
(डॉ. आशुतोष)
अधिशामी अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)


Muck Disposal Plan + Reclamation Plan

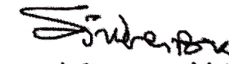
परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Summary of Cost

1	Total Amount for Construction of dumping Yards		
	(i) In civil land	30.71	Lacs
	(ii) In nap land	18.07	Lacs
	(ii) In vanpanchayat land	14.13	Lacs
	total	62.91	Lacs
	Seed Plantation & vegetation	1.50	Lacs
	Supervision & Maintenance (Chowkidar)	1.50	Lacs
	total	65.91	Lacs
	Contingency 2%	1.32	Lacs
	G. Total	67.23	Lacs


 21/12/2021
 इं. जमन बोरा
 कोनिष्ठ अभियन्ता
 नि० ख० लो० नि० वि०
 अस्कोट


 21/12/2021
 इं० हेमन्त बोरा
 सहायक अभियन्ता
 नि० ख० लो० नि० वि०
 अस्कोट


 21/12/2021
 इं. वी. के. सिन्हा
 अधिशासी अभियन्ता
 निर्माण खण्ड लो० नि० वि०
 अस्कोट (पिथौरागढ़)

परियोजना का नाम— जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडीडाट के अन्तर्गत अस्कोट—सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

NAME OF BLOCK- KANALICHHINA (PITHORAGRAH)

MUCK DUMPING

S.N	Location of Muck Dumping Zone			Type of land	No.	Catchment area of Muck dumping Zone		Area(Sqm)	Area(Hect)
	X-section's	Latitude	Longitude			Length (M)	Width(M)		
1	Ch. 0/0 on this alingment	N29° 45.358'	E80° 20.099'	Civil land		20.00	15.00	300.00	0.030
2	Ch. 0/12 on this alingment	N 29° 45.379'	E 80° 20.238'	Vanpanchayat		30.00	20.00	600.00	0.060
3	Ch.0/19 on this alingment	N 29° 45.300'	E 80° 20.058'	Vanpanchayat		30.00	20.00	600.00	0.060
4	Ch. 1/20 on this alingment	N 29° 45.065'	E 80° 19.988'	Nap land		30.00	20.00	600.00	0.060
5	Ch. 2/0 on this alingment	N 29° 45.068'	E 80° 20.115'	Nap land		20.00	15.00	300.00	0.030
6	Ch. 3/0 on this alingment	N 29° 45.023'	E 80° 20.185'	Civil land		50.00	20.00	1000.00	0.100
7	Ch. 3/12 on this alingment	N 29° 44.967	E 80° 20.055'	Civil land		30.00	15.00	450.00	0.045
8	Ch. 3/24 on this alingment	N29° 44.915'	E80° 19.983'	Civil land		20.00	15.00	300.00	0.030

28/1/21
(डॉ. सुमन बोरा)
जे

28/1/21
(डॉ. हेमन्त चन्देला)
सहायक अभियन्ता
निर्माण खण्ड लोनिवि
अस्कोट (पिथौरागढ़)

28.01.21
(डॉ. अशुतोष)
अग्रिम अभियन्ता
निर्माण खण्ड लोनिवि
अस्कोट (पिथौरागढ़)

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

Sl.No	Location of dumping yard	Size of dumping yard							Capacity of dumping yard(Cum)	Type of land	Remark	
1	Ch. 0/0 on this alingment	1	x	0.5	20.00	15.00	4.50	+	4.50	675.00	Civil land	
								2				
2	Ch. 0/12 on this alingment	1	x	0.5	30.00	20.00	4.00	+	3.50	1125.00	Vanpanchayat	
								2				
3	Ch. 0/19 on this alingment	1	x	0.5	30.00	20.00	4.00	+	4.50	1275.00	van panchayat	
								2				
4	Ch. 1/20 on this alingment	1	x	0.5	30.00	20.00	4.50	+	5.00	1425.00	Nap land	
								2				
5	Ch. 2/0 on this alingment	1	x	0.5	20.00	15.00	4.00	+	4.50	637.50	Nap land	
								2				
6	Ch. 3/0 on this alingment	1	x	0.5	50.00	20.00	4.00	+	5.50	2375.00	Civil land	
								2				
7	Ch. 3/12 on this alingment	1	x	0.5	30.00	15.00	5.00	+	4.50	1068.75	Civil land	
								2				
8	Ch. 3/24 on this alingment	1	x	0.5	20.00	15.00	4.50	+	5.00	712.50	Civil land	
								2				

Summary of Debris Disposal

Sl. No.	Total Debris	Reused material for road construction+Natural disposal due to Rain	Total quantity of muck to be disposed	Total capacity of dumping yards	Balance Debris
1	48,720.00	39,901.00	8,819.00	9,293.75	Nil

23/7/21
(डॉ. सुमन शर्मा)
जए

(डॉ. हेमन्त चन्दोला)
सहायक अभियन्ता
निर्माण खण्ड लो०नि०बि०
अस्कोट (पिथौरागढ़)

(डॉ. आशुतोष)
अधीक्षक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

परियोजना का नाम- जनपद पिथौरागढ़ के विधानसभा क्षेत्र डीडिहाट के अन्तर्गत अस्कोट-सैनथल से मौचोरा (शहीद जमन सिंह) मोटर मार्ग का निर्माण कार्य।

LENGTH

4.00 K.M

Sl No.	Item of work	Nos.			Length (in m)	Breadth (in m)	Depth / Height (in m)	Content	Unit
1	Muck Obtained from H.S Cutting	1	X	0.5	4,000.00	6.00	2.90	34,800.00	cum
	swelling Factor @ 40%							13,920.00	cum
							TOTAL	48,720.00	cum
2	Muck used in Construction Work								
	1) Retaining Walls	1	X	1	1800.00	(1.93+0.60)/2	4.00	9,108.00	cum
	2) Breast Walls	1	X	1	1600.00	(0.90+0.60)/2	1.80	2,160.00	cum
	3) Construction of scupper	1	X	8	148.36	-	-	1,186.88	cum
	4) Filling wirecrates for dumping yard							2,022.75	cum
	swelling Factor @ 40 %						Total solid	14,477.63	cum
								5,791.05	cum
							TOTAL	20,268.68	cum
	5) HP Stone Filling	1	X	0.5	1800.00	1.00	3.90	3,510.00	cum
	6) Solling Work	1	X	1	4000.00	4.05	0.15	2,430.00	cum
	7) Making Subgrade	1	X	1	4000.00	6.00	(0.00+0.30)/2	3,600.00	cum
	8) Loss during construction (By excavator & tipper)	1	X	0.5	4000.00	2.25	1.16	5,220.00	cum
							Total	35,028.68	cum
	9) Natural disposal due to Rain and steep slope	-			-	-	10%.	4,872.00	cum
	Total qty resued or consumed							39,900.68	cum
								say	39,901.00
	Balance qty for disposal Qty in cum							8,819.00	<u>cum</u>

23/9/21
(इं. सुमन लोरा)
जे

23/9/21
(इं. हेमन्त चन्दोला)
सहायक अभियन्ता
निर्माण खण्ड लो. नि. वि.
अस्कोट (पिथौरागढ़)

25/9/21
(इं. राहुल शर्मा)
अधिशामी अभियन्ता
निर्माण खण्ड लो. नि. वि.
अस्कोट (पिथौरागढ़)

DY-1 22/9/20 0.00 29°45'21.28"N 80°20'5.93"E



DY-2 22/9/20 0.12 29°45'22.73"N 80°20'14.31"E



अधिकांश
न. व. भाग
पड़े

अ. को
दीदीहाट

अ. को
जे

नहसीलदार
डीडीहाट
जिला पिथौरागढ़
उत्तराखण्ड

सहायक अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

उपजिलाधिकारी
डीडीहाट
जिला- पिथौरागढ़
उत्तराखण्ड

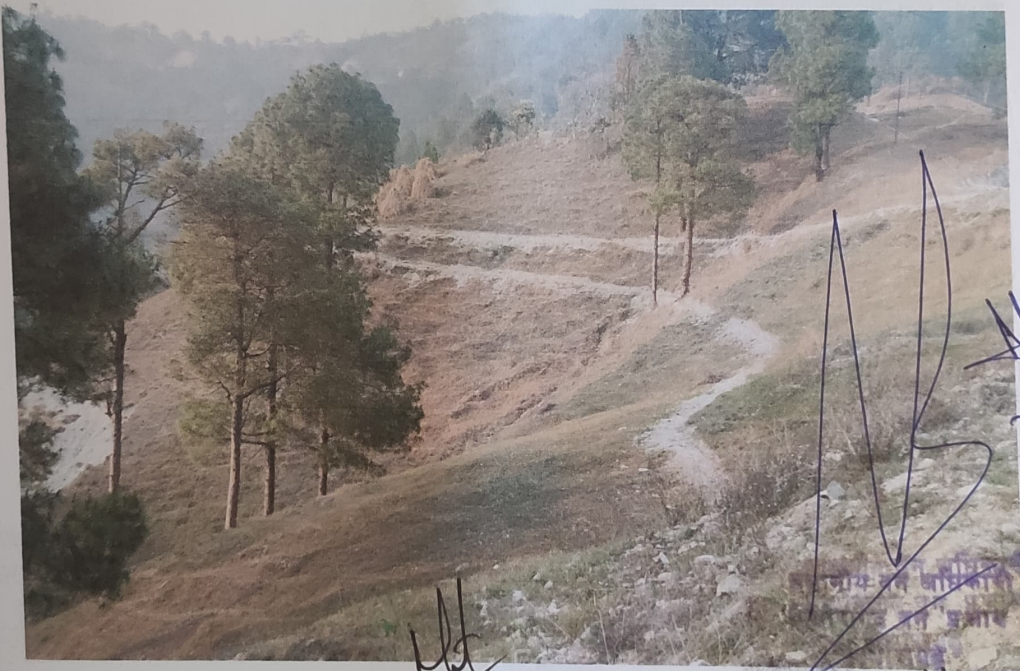
अधिकांश अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

वन क्षेत्राधिकारी
अस्कोट - (पिथौरागढ़)

DY-3 ²²⁷ चेनज नं 0/19 $29^{\circ}45'17.98''N$ $80^{\circ}20'3.46''E$



DY-4 चेनज नं 1/20 $29^{\circ}45'13.97''N$ $80^{\circ}20'0.17''E$



सहायक अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

अभियांसी अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

उपजिलाधिकारी
डीडीहाट
जिला- पिथौरागढ़
उत्तराखण्ड

महसीलदार
डीडीहाट
जिला- पिथौरागढ़
उत्तराखण्ड

वन क्षेत्राधिकारी
अस्कोट - (पिथौरागढ़)

DY-5 चेनज नं 20 $29^{\circ}45'3.9''N$ $80^{\circ}19'39.27''E$



DY-6 चेनज नं-6 $29^{\circ}45'3.88''N$ $80^{\circ}20'5.61''E$



Hale

अ.कोट
डीडीहाट

सहायक अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

अधिक्षेत्री अभियन्ता
निर्माण खण्ड लो०नि०वि०
अस्कोट (पिथौरागढ़)

महसीलदार
डीडीहाट
जिला पिथौरागढ़
उत्तराखण्ड

वन क्षेत्राधिकारी,
अस्कोट - (पिथौरागढ़)

उपनिर्वाहिकारी
डीडीहाट
जिला पिथौरागढ़
उत्तराखण्ड

DY-7 ~~पिथौरागढ़~~ 3/12 29°44' 59.96"N 80°19' 58.04"E



DY-N 8 ~~पिथौरागढ़~~ 3/24 29°44' 58.01"N 80°23' 3.28"E



प्रभाकर बने
विधायक
पिथौरागढ़

Handwritten signature
अ. कोट
पिथौरागढ़

सहस्रक अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

अधिसूची अभियन्ता
निर्माण खण्ड लो० नि० वि०
अस्कोट (पिथौरागढ़)

वन क्षेत्राधिकारी
प्रस्ताव - (पिथौरागढ़)

उपजिल्हाधिकारी
डी०डी०
जिला पिथौरागढ़
उत्तराखण्ड

तहसीलदार
डी०डी०
जिला पिथौरागढ़
उत्तराखण्ड