

**MUCK
DISPOSAL
PLAN**

परियोजना का नाम: जनपद बागेश्वर के जिला पंचायत क्षेत्र खुनौली के एस0सी0एस0पी0 में चयनित ग्राम ग्वातोली में कशीमपुर से एस0सी0एस0पी0 में डी चयनित ग्राम मछडियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गाव को बनलेख मोटर मार्ग (2 KM) हेतु वनभूमि हस्तान्तरण प्रस्ताव।

Name of Block: Kaphor (Bageshwar)		Length: 2KM	
Sr. No.	Muck Received From Hill Site Cutting	Quantity	Unit
1	Total Material Received From Hill side cutting {1/2x2000x9.00 x (0.90+3.00)/2}	17550.00	cum
Disposal and use of Material			
1	Earth and boulder filling		
2	Earth and boulder filling for super elevation	1449.00	cum
3	Construction of collee walling	1700.00	cum
4	R.R. Stone Masonry laid in 1:5	1139.00	cum
5	R.R. Stone Masonry laid in dry	1112.00	cum
6	Hand Packed stone filling	845.00	cum
7	Construction of WIRE CRATE	1100.00	cum
8	Making of edge stone	500.00	cum
9	Construction of Parapet	105.00	cum
10	Providing and laying using gravel in soft reaches	470.00	cum
11	Construction of pillar	370.00	cum
12	Construction of scrupper	120.00	cum
13	Material to be dispose in road side along the collee wall {13x10x(80+90+86)/3}x2.1x1.00	1125.00	cum
14	Material used for hill side pucca k/c drain @ 0.167 cum/m. (Quantity 2163.54 m)	2500.00	cum
Total Used		13256.00	cum

Quantity of muck to be disposed at dumping places

= (Material Received-Material Used)

Add 25%	4294.00	Cum
TOTAL	1073.50	Cum
Say	5367.50	Cum
	5368.00	Cum

सहायक निर्यात (II)
निर्यात
कंपोर्ट

74

Rate Card Block 57 Kapkot (BAGESHWAR)

Effective Date 01/05/2015

Chapter Name Other Item

Item Description		Rate In (Rs.)	
		Rate	Unit
97511 16-1	Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer - in - charge	284.70	cu.m
97512 16-2	Random rubble stone masonry laid in mud mortar (As per PWD Uttarakhand specifications)	1,989.50	cu.m
97513 16-3	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)	1,958.20	cu.m
97514 16-4	H.P stone filling in back of walfls including cost of all materials ,royalty,t&p etc. complete.	692.20	cu.m
97515 16-5	Random Rubble Stone Masonry laid in 1:6 cement and sand mortar, in breast walfls, retaining walfls, parapets, scuppers, etc. including supply of all material, labour, T&P and royalties etc.(As per PWD Uttarakhand specifications)	3,100.70	cu.m
97516 16-6	Construction of coolie walling including supply of all material, labour, T&P etc. required for proper completion of the work.(As per PWD Uttarakhand specifications)	1,143.10	cu.m
97517 16-7	Cement plum masonry with 40% plum & 60% 1:3:7 cement concrete including supply of all material, labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	5,180.80	cu.m
97518 16-8	Supply and fabrication of steel truss bridge as per detailed drawing attached including supply of all structural steel confirming IS 226 - 1969 required for proper completion of the bridge including ground erection of the bridge and one coat of approved quality anticorrosive (red oxide) paint of confirming IS 5660, all T&P, nuts and bolts, washers and also including supply and fixing of shop rivets required as per drawing, required equipment shall be arranged by the contractor at his own cost which shall be taken back by the contractor after satisfactory execution of the job, the rates shall include ground erection in the workshop and its dismentling after inspection, approval and removing defects, match marking of all parts, numbering and proper stacking in the premises of workshop before cartage to site of work. The work shall be executed in accordance to IS - 1915. The rates shall include cost of all material, its wastage, cutting, bending if required, welding, making holes, shop riveting, labour, T&P etc. required for proper completion of the work.	84,279.50	M.T.
16-9	Wire Crates As per PWD Uttarakhand Specifications		
16-9-1	Wirecrates In Nos.		
97519 16-9-1-1	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 10 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each.(As per PWD Uttarakhand Specification)	9,439.60	Nos.
97520 16-9-1-2	Providing and laying of wire crates 3.00x1.50x1.50 in size with a 8 gauge BWG GI wire conforming to IS: 280 & IS:4826 in 150mm x 150mm mesh laid with stone boulders weighing not less than 25 kg each.(As per PWD Uttarakhand Specification)	10,845.70	Nos.

Rate Card Block 57 Kapkot (BAGESHWAR)

Effective Date 01/05/2015

Chapter Name CAUSEWAY AND SUBMERSIBLE BRIDGES (Based on MORD)

Item Description		Rate In (Rs.)	
		Rate	Unit
7-1	Construction of Cut-off Walls/Head Walls		
97166 7-1-1	Earthwork in excavation for structures as per drawing and technical specification Clause 305.	284.70	cu.m
97167 7-1-2	Plain cement concrete M15 grade	5,906.70	cu.m
97168 7-1-3	Brick masonry in cement mortar 1:4	7,969.30	cu.m
97169 7-1-4	Stone masonry in cement mortar 1:4	5,054.00	cu.m
97170 7-1-5	Providing P.C.C M20 architectural coping on top of wall	461.80	cu.m
97171 7-2	Preparation of Subgrade	64.60	cu.m
97172 7-3	Granular Sub-base	1,569.90	cu.m
97173 7-4	W.B.M. Base Course	2,585.20	cu.m
97174 7-5	Cement Concrete Slab	7,621.50	cu.m
7-6	Providing and Laying Apron		
97175 7-6-1	Providing and Laying Apron with Stone Boulders as per Drawings & Technical Specification Clause 1301	1,269.10	cu.m
97176 7-6-2	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technical Specification Clause 1301	2,126.10	cu.m
97177 7-6-3	Providing and Laying of Apron with Cement Concrete Blocks as per Drawing and Technical Specification Clause 1301	5,965.20	cu.m
97178 7-7	Construction of R.C.C. guide posts of 250 mm dia, M25 grade as per drawing and technical specification Clause 1401.6	71,574.00	cu.m
7-8	Bedding for Causeway		
97179 7-8-1	Type A (concrete cradle) Bedding Clause 1402.5	5,965.80	cu.m
97180 7-8-2	Type B (first class) Bedding Clause 1402.5	1,799.10	cu.m
97181 7-9	Laying Reinforced Cement Concrete Pipe NP3 as per drawing and technical specification Clause 1402.6	8,869.90	metre
97182 7-10	Laying Reinforced Cement Concrete Pipe NP4 as per technical specification Clause 1402.6	10,247.10	metre

Specification:

सहायक अभियंता (II)
निर्माण खण्ड ता. 01/05/15
कपकोट

Analysis of rate

परियोजना का नाम: जनपद बागेश्वर के जिला पंचायत क्षेत्र खुनौली के एस0सी0एस0पी0 में चयनित ग्राम स्वातोली में करीमपुर से एस0सी0एस0पी0 में ही चयनित ग्राम मण्डियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गांव को बनलेख मोटर मार्ग (2 KM) हेतु वनभूमि हस्तान्तरण प्रस्ताव।

S.N	SOR CODE	ITEM	RATE	UNIT
1	97511	16-1 Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer - in - charge	284.7	Cum
2	97516	16-6 Construction of coolie walling including supply of all material, labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	1,143.10	Cum
3	97176	7-6-2 Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technical Specification Clause 1301	2,126.10	Cum


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सहयुक्त अभियन्ता (II)
निर्माण विभाग जिला निर्माण
कपकोट

परियोजना का नाम: जनपद बागेश्वर के जिला पंचायत क्षेत्र खुर्नाली के एस0सी0एस0पी0 में चयनित ग्राम ग्वातोली में कसीमपुर से एस0सी0एस0पी0 में ही चयनित ग्राम मछडियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गाव को बनलेख मोटर मार्ग (2 KM) हेतु वनभूमि हस्तान्तरण प्रस्ताव।

Detail Measurement For Muck Disposal

Sr. No.	ITEM OF WORK	No.	Length	Width	Height	Quantity	Unit
1)	97511/16-1 Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal of surplus material as per direction of engineer - in - charge	1.00	25.00	1.50	0.50	18.75	Cum
		1.00	20.00	1.50	0.50	15.00	Cum
		1.00	25.00	1.50	0.50	18.75	Cum
				Total		52.50	Cum
2)	97516/16-6 Random Rubble stone masonry in Coolie walling including supply of all material, cum labour, T&P etc. required for proper completion of the work (As per PWD Uttarakhnad specifications)	1.00	45.00	0.50	0.60	135.00	Cum
		1.00	10.00	0.50	0.60	99.00	Cum
		1.00	10.00	0.50	0.60	99.00	Cum
				Total		369.00	Cum
3)	97176/7-6-2 Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technical Specification Clause 1301	1.00	8.00	1.50	1.50	54.00	Cum
		2.00	7.00	1.20	1.50	75.60	Cum
		1.00	6.00	1.50	1.50	40.50	Cum
		2.00	4.00	1.20	1.50	43.20	Cum
		1.00	8.00	1.50	1.50	54.00	Cum
		2.00	7.00	1.20	1.50	75.60	Cum
				Total		342.90	Cum

स. ई.

स. ई. अश्विनी (11)
निर्माण प्र.

BILL OF QUANTITY FOR MUCK DISPOSAL

परियोजना का नाम: जनपद बागेश्वर के जिला पंचायत क्षेत्र खुनौली के एस0सी0एस0पी0 में चयनित ग्राम यातौली में करीमपुर से एस0सी0एस0पी0 में ही चयनित ग्राम मच्छियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गांव को बनलेख मोटर मार्ग (2 KM) हेतु बनसूँहि हस्तान्तरण प्रस्ताव।

Name of Block: Kapkot (Bageshwar)

Total Length: 5KM

Sl No	Description	Quantity	Unit	@	Rate	Amount
1	Excavation in foundation for retaining & breast walls in all types of soils and rocks including lead, lift and disposal osurplus material as per direction of engineer - in - charge	52.50	cum	@	284.70	14946.75
2	Random Rubble stone masonry in Cootie walling including supply of all material labour, T&P etc. required for proper completion of the work (As per PWD (Uttarakhand specifications)	369.00	cum	@	1143.10	421803.90
3	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technical Specification Clause 1301	342.90	cum	@	2126.10	729039.69
4	Furnishing and laying of the live sods of grass and other species on muck site or other locations shown on the drawing or as directed by the Engineer including preparation of ground, fetching of sods and watering					300000.00
5	Contingencies 2%					6000.00
	Total					1471790.34

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सह. अभियंता (11)
निर्माण एवं सं. वि. वि. वि.
बागेश्वर

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Summary

परियोजना का नाम: जनपद बागेश्वर के जिला पंचायत क्षेत्र खुनौली के एस0सी0एस0पी0 में चयनित ग्राम गवातोली में करीमपुर से एस0सी0एस0पी में ही चयनित ग्राम मउडियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गांव को बनलेख मोटर मार्ग (2 KM) हेतु वनभूमि हस्तान्ताण प्रस्ताव।

Name of Block: Kapkot (Bageshwar)

Total Length: 2 KM

S.NO.	Chainage of Wire Crates	No.			Size of catchment area of wire crates				
					L	B	H	Quantity	Unit
1.00	0/3	1.00	X	1.00	24.00	21.00	2.10	1058.40	cum
		1.00	X	1.00	24.00	21.00	2.10	1058.40	cum
2.00	0/16	1.00	X	1.00	18.00	15.00	2.10	567.00	cum
		1.00	X	1.00	18.00	15.00	2.10	567.00	cum
3.00	1/25	1.00	X	1.00	24.00	21.00	2.10	1058.40	cum
		1.00	X	1.00	24.00	21.00	2.10	1058.40	cum
					Total			5367.60	cum
					say			5368.00	cum

Quantity of material for 1000

Quantity of material disposal to dumping

5368.00

Carrying capacity of wire crates

5368.00

Balance

0.00

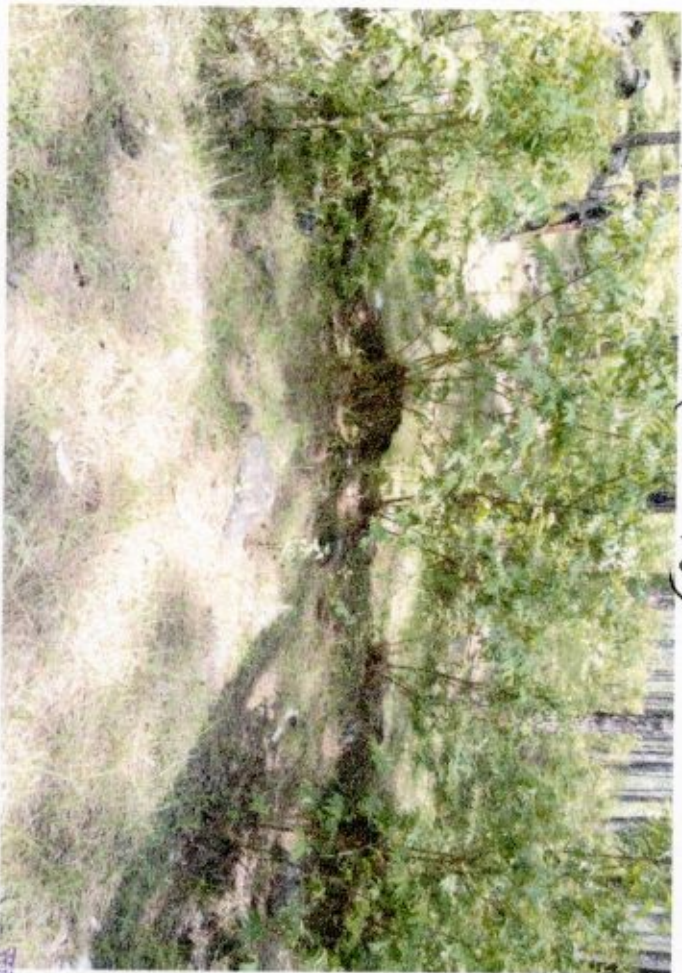
DATE

सह निरीक्षक (11)
निर्माण विभाग
कपकोट

Km 1 H0-2 (X.S.N 0/3)



Km 1 H17-4-6 (X.S. 0/16)



Km 2 H6-8 (X.S.N 1/25)



परियोजना का नाम:— जनपद बागेश्वर के जिला पंचायत क्षेत्र खुनौली के एस.सी.एस.पी. में चयनित ग्राम ग्वातोली में कशीमपुर से एस.सी.एस.पी. में ही चयनित ग्राम मउडियार तक मोटर मार्ग की स्वीकृति तथा स्वतंत्रता संग्राम सेनानी श्री राम दत्त जोशी के गांव को बनलेख मोटर मार्ग में मिलाने का कार्य लम्बाई 2.00 किमी०

मलवे निस्तारण हेतु लाइन ज्ञायाग्राम
निस्तारित बिन्दु

Km 1 H-2 (X.S.N 9/3)
E 79° 55' 32.53" 1
N 29° 52' 28.35"

Km 1 H-6 (X.S.N 0/16)
E 79° 55' 24.42"
N 29° 52' 27.08"

Km 2 H-8 (X.S.N 1/25)
E 79° 55' 21.59"
N 29° 52' 21.37"