



MUCK
DISPOSAL
PLAN


परियोजना का नाम :- जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग का वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव ।

मक डम्पिंग प्लान / प्रमाण -पत्र

प्रमाणित किया जाता है कि जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग के नव निर्माण में उत्पादित मलवे को उचित प्रक्रियानुसार स्थान पर डम्पिंग किया जायेगा। मलवा कहीं भी वृक्ष आच्छादित क्षेत्र एवं जल स्रोतों में नहीं डाला जायेगा।


कनिष्ठ अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट


सहायक अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट


अधीनस्थ अभियन्ता
निर्माण खण्ड, लो०नि०वि०
कपकोट (बगैर)

परियोजना का नाम:- जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block: Kapkot (Bageshwar)

Length: 5.00KM

Much Received From Hill Site Cutting

Sr.No.	Description of Work	Quantity	Unit
1	Total Material Received From Hill side cutting $\{1/2 \times 5000 \times 9.00 \times (0.80+3.00)/2\}$	42750.00	cum
Disposal and use of Material			
1	Earth and boulder filling	7000.00	cum
2	Earth and boulder filling for Super Elevation	2000.00	cum
3	Construction of coolie walling	1800.00	cum
4	R.R. Stone Masonry laid in 1:5	1590.00	cum
5	R.R. Stone Masonry laid in dry	3600.00	cum
6	Hand Packed stone filling	9000.00	cum
7	Construction of WIRE CRATE	1741.00	cum
8	Making of edge stone	350.00	cum
9	Construction of Parapet	1179.95	cum
10	Providing and laying using gravel in soft reaches	2765.00	cum
11	Construction of pillar	435.00	cum
12	Construction of scrupper	1172.96	cum
13	Material to be dispose in road side along the coliee wall $\{[3 \times 10 \times (50+60+40)/3] \times 2.1 \times 1.00\}$	7600.00	cum
14	Material used for hill side pucca k/c drain @0.167 cum/rmt, (Quantity 2163.54 rmt)	680.00	cum
Total Used		40913.91	cum

Quantity of muck to be disposed at dumping places

=(Material Received-Material Used)

= 1836.09

Add 25%

459.02

TOTAL

2295.11

सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
कपकोट

Komar
J.E.

अधिरासी अभियन्ता
निर्माण खण्ड, लो० नि० वि०
कपकोट (बागेश्वर)

Rate Card Block 57 Kapkot (BAGESHWAR)

Effective Date 01/05/2015

Chapter Name Other Item

		Rate In (Rs.)	
Item Description	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 complition of work.(As per PWD Uttarakhand specifications)	1,958.20	cu.m	
97514 16-4 H.P stone filling in back of wallls 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 walls, retaining walls, parapets, scuppers, etc. including supply of all material, labour, T&P and royaltiies 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.	

सहायक अभियन्ता
निर्माण खण्ड (नमो विठो विठो)
कपकोट

अधिशाली अभियन्ता
निर्माण खण्ड : 10नि0वि0
कपकोट (नमो विठो)

परियोजना का नाम:- जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को 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							
			0.33	22.00	23.50	0.60	0.80	81.89	Cum
			0.33	27.00	19.00	0.60	0.60	60.94	Cum
			0.33	10.00	24.00	0.60	0.60	28.51	Cum
			0.33	30.00	20.00	0.60	0.60	71.28	Cum
			0.33	30.00	20.00	0.60	0.60	71.28	Cum
						Total		313.91	Cum
2)	97516/16-6	Random Rubble stone masonry in Coolie walling including supply of all material, cu.m labour, T&P etc. required for proper completion of the work.(As per PWD Uttarakhand specifications)							
			1.00	22.00	23.50	0.60	0.80	248.16	Cum
			1.00	27.00	19.00	0.60	0.60	184.68	Cum
			1.00	10.00	24.00	0.60	0.60	86.40	Cum
			1.00	30.00	20.00	0.60	0.60	216.00	Cum
			1.00	30.00	20.00	0.60	0.60	216.00	Cum
						Total		951.24	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	9.00	3.00	1.50	1.50	60.75	Cum
			1.00	9.00	3.00	1.20	1.50	48.60	Cum
			1.00	8.50	3.00	1.50	1.50	57.38	Cum
			1.00	12.00	3.00	1.20	1.50	64.80	Cum
			1.00	8.50	3.00	1.50	1.50	57.38	Cum
						Total		288.90	Cum

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सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
कपकोट

BILL OF QUANTITY FOR MUCK DISPOSAL

परियोजना का नाम:- जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block:Kapkot (Bageshwar)

Total Length: 5.00 KM

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	313.91	cum	@	284.70	89369.95
2	Random Rubble stone masonry in Coolie walling including supply of all material, cu.m labour, T&P etc. required for proper completion of the work.(As per PWD Uttarakhand specifications)	951.24	cum	@	1143.10	1087362.44
3	Providing and Laying of Boulder Apron Laid in Wire Crates as per Drawing and Technnical Specification Clause 1301	288.90	cum	@	2126.10	614230.29
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					250000.00
5	Contigencies 2%					5000.00
	Total					2045962.68

Koma

JE

सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
कपकोट

आधीनस्थ अभियन्ता
निर्माण ख० EE लो० नि० वि०
कपकोट (बागेश्वर)

Summary

परियोजना का नाम:- जिला योजना के अन्तर्गत हरसीला से सीमा तक 5.00 किमी० मोटर मार्ग के निर्माण हेतु वनभूमि प्रस्ताव उत्तराखण्ड लोक निर्माण विभाग को हस्तान्तरण प्रस्ताव।

Name of Block:Kapkot (Bageshwar)						Total Length: 5.00 KM			
Carrying Capacity of Wire Crates									
S.NO.	Chainage of Wire Crates	No.			Size of catchment area of wire crates				
					L	B	H	Quantity	Unit
1	Km 1	1.00	x	1.00	8.00	6.50	4.90	254.80	cum
2	Km 2	1.00	x	1.00	10.00	6.50	9.15	594.75	cum
3	km 3	1.00	x	1.00	8.00	6.50	7.85	408.20	cum
4	km 4	1.00	x	1.00	10.00	6.50	7.85	510.25	cum
					Total			1768.00	cum

Quantity of material disposal to dumping= 2295.11
 Carryinng capacity of wire crates = 1768.00
 Balance 527.11

S.No	Catchment Area	No.	Length	Width	Area	Unit
1	km 1	1.00	12.00	10.00	120.00	Sqm
2	km 2	1.00	12.00	10.00	120.00	Sqm
3	km 3	1.00	12.00	10.00	120.00	Sqm
4	km 4	1.00	8.00	6.00	48.00	Sqm
5	km5	1.00	12.00	10.00	120.00	Sqm
		Total			528.00	Sqm
		In Hectare			0.0528	Hec

10/11/20
J.E.

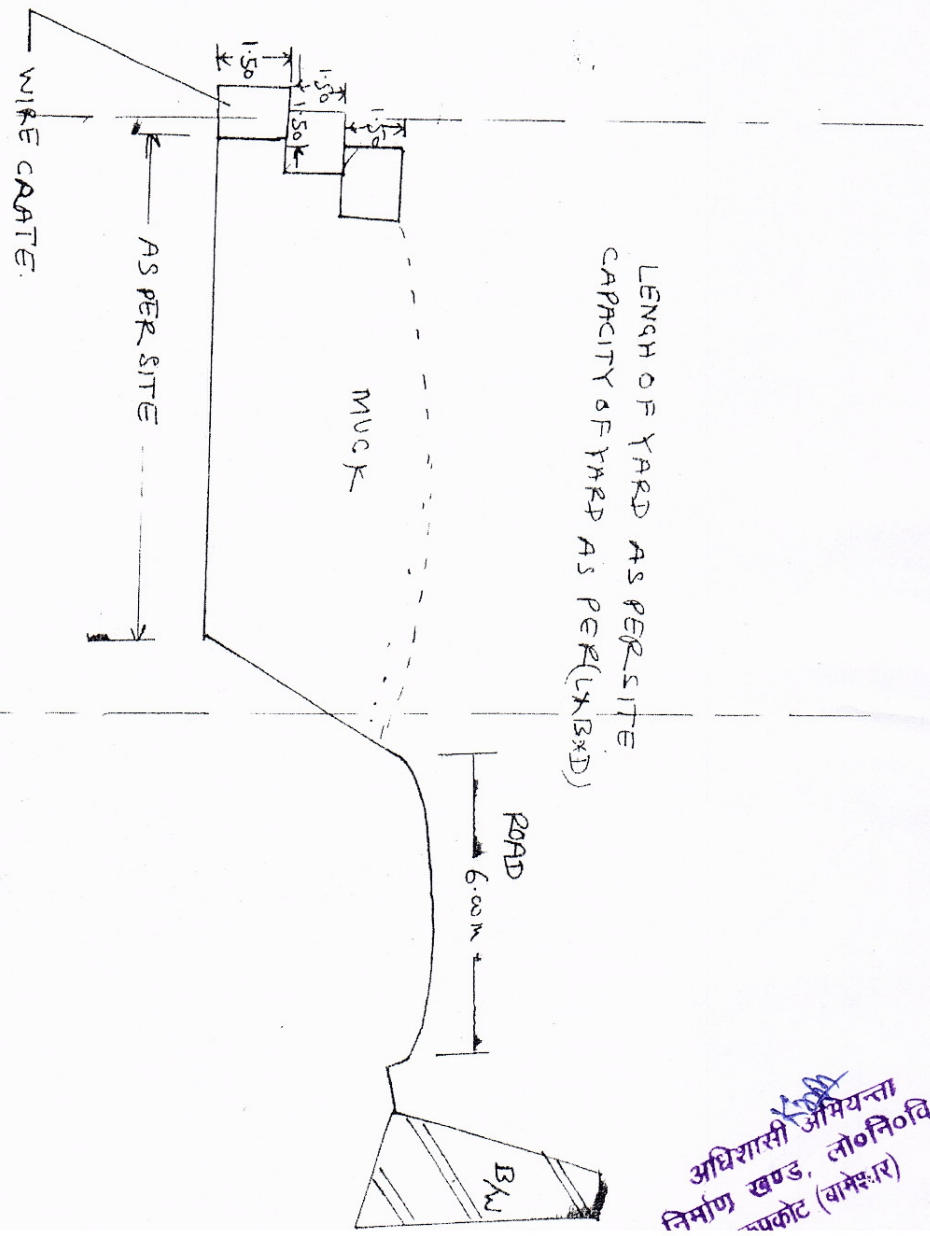
सहायक अभियन्ता
निर्माण खण्ड लो० नि० वि०
कपकोट

अधिशाली अभियन्ता
निर्माण खण्ड, लो० नि० वि०
कपकोट (बागेश्वर)

प्रभारित अधिकारी
बागेश्वर, कपकोट, बागेश्वर

for
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TYPICAL SECTION OF MUCK DISPOSAL YARD



अधिरासी अभियन्ता
निर्माण खण्ड, लोन्निवि
चपकोट (बामेश्वर)