

2.19 (B) (b)

48/

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.

DSR REPORT

Year 2014-2015

Rate Card Block 42 Dwarikhal (Pauri) Effective Date 16/05/2014

SUMMARY OF RATE

S.No.	Chapter Name	Description of Items	Unit	Rate
1	77638 8-4-1	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.	Cum	221.50
2	75487 16-9-2-1	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)	Cum	1351.40
3	77430 3-7	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	Cum	45.00

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सहायक अभियन्ता
सिंचाई खण्ड (लो०नि०वि०)
कोटद्वार (गढ़वाल)

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अधिशाली अभियन्ता
पी० एम० जी० एस० कार्ड
सिंचाई खण्ड (लो०नि०वि०)
कोटद्वार (गढ़वाल)

अधिशाली अभियन्ता
पी० आई० यू० (पी० एम० जी० एस० कार्ड)
सिंचाई खण्ड, लो०नि०वि०
कोटद्वार (गढ़वाल)

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I)
Motor road under PMGSY.

Name of Block: Dwarikhal (Pauri)		Length: 5.450 KM
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Detail of measurements for Civil Land

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.										
Sl. No.	Location of wire crate			No.		L	B	H/D	Qty.	Unit	
	X- Section's										
1	Chainage 2.000 km			1	x	1	75.00	1.50	0.50	56.25	Cum
2	Chainage 2.325 km			1	x	1	69.00	1.50	0.50	51.75	Cum
3	Chainage 2.975 km			1	x	1	75.00	1.50	0.50	56.25	Cum
4	Chainage 3.125 km			1	x	1	72.00	1.50	0.50	54.00	Cum
5	Chainage 3.875 km			1	x	1	75.00	1.50	0.50	56.25	Cum
6	Chainage 4.325 km			1	x	1	75.00	1.50	0.50	56.25	Cum
	TOTAL								330.75	Cum	
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)										
Sl. No.	Item of Work			No.		L	B	H/D	Qty.	Unit	
	X- Section's										
1	Chainage 2.000 km			1	x	1	75.00	1.50	1.50	168.75	Cum
	2nd			1	x	1	75.00	1.50	1.50	168.75	Cum
	3rd			1	x	1	75.00	1.50	1.50	168.75	Cum
2	Chainage 2.325 km			1	x	1	69.00	1.50	1.50	155.25	Cum
	2nd			1	x	1	69.00	1.50	1.50	155.25	Cum
	3rd			1	x	1	69.00	1.50	1.50	155.25	Cum
3	Chainage 2.975 km			1	x	1	75.00	1.50	1.50	168.75	Cum
	2nd			1	x	1	75.00	1.50	1.50	168.75	Cum
	3rd			1	x	1	75.00	1.50	1.50	168.75	Cum
4	Chainage 3.125 km			1	x	1	72.00	1.50	1.50	162.00	Cum
	2nd			1	x	1	72.00	1.50	1.50	162.00	Cum
	3rd			1	x	1	72.00	1.50	1.50	162.00	Cum
5	Chainage 3.875 km			1	x	1	75.00	1.50	1.50	168.75	Cum
	2nd			1	x	1	75.00	1.50	1.50	168.75	Cum
	3rd			1	x	1	75.00	1.50	1.50	168.75	Cum
6	Chainage 4.325 km			1	x	1	75.00	1.50	1.50	168.75	Cum
	2nd			1	x	1	75.00	1.50	1.50	168.75	Cum
	3rd			1	x	1	75.00	1.50	1.50	168.75	Cum
								Total	2976.75	Cum	
3	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								40742.74	Cum	

Handwritten signatures and initials: "Hd 38", "Anand", "DE".

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अधिसासी अभियन्ता
पी. आई. यू. (पी. एम. जी. एस. काई.)
सिंचाई खण्ड, लो0मि0कि0
कोटद्वारा (पांडी गढ़वाल)

अधिसासी अभियन्ता
पी0 एम0 जी0 एस0 काई0
सिंचाई खण्ड कोटद्वारा(गढ़वाल)

2.19 (LV)

Page No

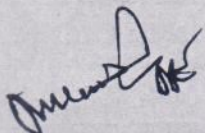
Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.

Name of Block: Dwarikhal (Pauri)

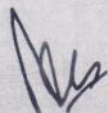
Length: 5.450 KM

Bill of Quantity for Civil Soyam Land

Sl. No.	Item of Work	Unit	Qty	Rate	Amount
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.	Cum	330.75	221.50	73261.13
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)	Cum	2976.75	1351.40	4022779.95
3	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	Cum	40742.74	45.00	1833423.37
				Total	5929464.45
				Say	59.29
					Lacs


 Photo copy of Bill of Quantity

अधिशासी अभियन्ता
 पी० एम० जी० एस० काई०
 सिंचाई खण्ड कोटद्वार (गढ़वाल)

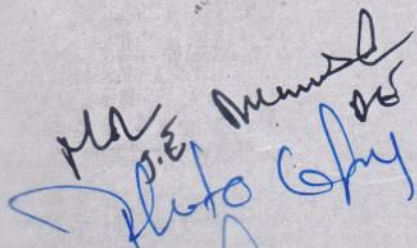
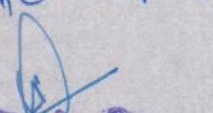

 अधिशासी अभियन्ता
 पी० आई० यू० (पी० एम० जी० एस० काई०)
 सिंचाई खण्ड, लो० नि० ए०
 कोटद्वार (गढ़वाल)

(104)

2.19 (V)

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.			
Name of Block: Dwarikhal (Pauri)		Length:5.450 KM	
Muck Received From Hill Side Cutting			
Sr.No.	Description of work	Quantity	Unit
	Material recived from hill side cutting as per DPR	78586.49	Cum
Disposal and use of Material			
1	Construction of coolie walling	1422.45	cum
2	R.R. Stone Mesonary laid in 1:5	1426.57	cum
3	R.R. Stone Mesonary laid in Dry	2078.22	cum
4	Hand Packed Stone Filling	1465.87	cum
5	Construction of Wire Create	3573.00	cum
6	Making of Edge Stone	0.00	cum
7	Construction of Parapet (2x0.60x0.45)	41.58	cum
8	Construction of Pillars (0.300x0.300x0.400)	15.77	cum
9	Construction of Scupper (175.50 m @ 5.29 cum/m)	928.40	cum
10	Material Used for hill side pucca k/c drain (Quantity=275.00rmt)(@0.167cum/rmt)	45.93	cum
11	G S B Filling	2774.06	cum
12	Qty of Material to be disposed along the Road side (25% of hill side cutting)	19646.62	cum
	TOTAL	33418.46	cum

Quantity of Muck to be disposed at dumping places = (Material Received- Materia used) cum	45168.03	cum
Add Swell factor (Bulkage) @ 25% extra	11292.01	
TOTAL	56460.04	Cum
Deduct Cartage	15717.30	cum
TOTAL	40742.74	Cum


 P.E. Munsal
 Photo Copy Official

 अधिशासी अभियन्ता
 पी० एम० जी० एस० काई०
 सिंचाई खण्ड, कोटद्वार (गढ़वाल)


 अधिशासी अभियन्ता
 पी. आई. यू. (पी.एम.जी.एस.काई.)
 सिंचाई खण्ड, लो०नि०वि०
 कोटद्वार (पाँड़ी गढ़वाल)

2.19 (प्र)

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.

Name of Block: Dwarikhal (Pauri)

Length: 5.450 KM

Muck Dumping Area of Civil Land

S. No.	Location of wire-Crate			Type of Land	No.	Size of catchment area of wire-crate		Area (Sqm)	Area (Hect)
	X-section's	Latitude	Longitude			Length (m)	Wirdth (m)		
1	Chainage 2.000 km	29°58'11.06"N	78°36'8.21"E	Civil Land	1	75.00	15.00	1125.00	0.113
2	Chainage 2.325 km	29°58'14.24"N	78°36'8.59"E	Civil Land	1	69.00	13.00	897.00	0.090
3	Chainage 2.975 km	29°58'14.44"N	78°36'13.02"E	Civil Land	1	75.00	22.00	1650.00	0.165
4	Chainage 3.125 km	29°58'9.05"N	78°36'10.86"E	Civil Land	1	72.00	20.00	1440.00	0.144
5	Chainage 3.875 km	29°58'7.33"N	78°36'13.27"E	Civil Land	1	75.00	22.00	1650.00	0.165
6	Chainage 4.325 km	29°58'7.52"N	78°36'17.53"E	Civil Land	1	75.00	23.00	1725.00	0.173
						441.00	Total	8487.00	0.850

Handwritten signature and initials.

अधिकासी अभियन्ता
पी. आई. यू. (पी.एम.जी.एस.आई.)
सिंचाई खण्ड, लो0नि0वि0
कोटद्वार (पौड़ी गढ़वाल)

Photo copy of the above

अधिकासी अभियन्ता
पी0 एस0 जी0 एस0 आई
सिंचाई खण्ड कोटद्वार(गढ़वाल)

2.19 (पृ॥)

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.

TOTAL CARRYING CAPACITY OF DUMPING YARD

Name of Block: Dwarikhal (Pauri)

Length: 5.450 KM

S. No.	Location of wire-Crates			Type of Land	No.	Size of catchment area of wire-crates			Quantity (cum)	Unit
	X-section's	Latitude	Longitude			Length (m)	Width (m)	Height (m)		
1	Chainage 2.000 km	29°58'11.06"N	78°36'8.21"E	Civil Land	2/3	75.00	15.00	4.20	3150.00	Cum
					2/3	75.00	15.00	5.20	3900.00	Cum
2	Chainage 2.325 km	29°58'14.24"N	78°36'8.59"E	Civil Land	2/3	69.00	13.00	4.20	2511.60	Cum
					2/3	69.00	13.00	5.80	3468.40	Cum
3	Chainage 2.975 km	29°58'14.44"N	78°36'13.02"E	Civil Land	2/3	75.00	22.00	4.00	4400.00	Cum
					2/3	75.00	22.00	6.00	6600.00	Cum
4	Chainage 3.125 km	29°58'9.05"N	78°36'10.86"E	Civil Land	2/3	72.00	20.00	4.20	4032.00	Cum
					2/3	72.00	20.00	6.50	6240.00	Cum
5	Chainage 3.875 km	29°58'7.33"N	78°36'13.27"E	Civil Land	2/3	75.00	22.00	4.20	4620.00	Cum
					2/3	75.00	22.00	5.50	6050.00	Cum
6	Chainage 4.325 km	29°58'7.52"N	78°36'17.53"E	Civil Land	2/3	75.00	23.00	4.20	4830.00	Cum
					2/3	75.00	23.00	5.79	6658.50	Cum
						441.00		Total	56460.50	Cum

Carrying Capacity of Dumping Yard = 56460.50 Cum

Total Quantity of material to be disposed to the dumping yard = 56460.04 Cum

Hence Safe. 0.46 Cum

M. S. B. ME

Photo Copy of Mastkhal

अधिकासी अभियन्ता
पी० एम० जी० एस० वाई०
मिनाई खण्ड कोटहार (गढ़वाल)

अधिकासी अभियन्ता
पी० आर्इ० यू० (पी० एम० जी० एस० वाई०)
मिनाई खण्ड, लो० निर्वाह
कोटहार (गढ़वाल)

Muck Disposal Plan

Name of Work : Construction of T02 (ODR) - Mastkhal to Seeladanda (Stage - I) Motor road under PMGSY.

Name of Block: Dwarikhal (Pauri)

Length: 5.450 KM

Summary of Results

- 1 The quantity of material received from hill side cutting = 78586.49 Cum
(Sheet attachad on page no. of Muck disposal estimate)
- 2 The quantity of material used in various items = 33418.46 Cum
(Sheet attachad on page no. of Muck disposal estimate)
- 3 The remaining quantity of muck for dumping i/c swell factor = 56460.04 Cum
(Sheet attachad on page no. of Muck disposal estimate)
- 4 Total Numbers of dumping yards needed for the dumping of muck =
(i) In Civil Soyam Land = 6 Nos
(ii) In Nap Land = 0 Nos
Total = 6.00 Cum
(Sheet attachad on page no. of Muck disposal estimate)
- 5 Carrying capacity of dumping yards with proper dimensions & coordinates
(i) In Civil Soyam Land = 56460.50 Cum
(ii) In Nap Land = 0.00 Cum
Total = 56460.50 Cum
(Sheet attachad on page no. of Muck disposal estimate)
- 6 Land ownership Reports
(Sheet attachad on page no. of Muck disposal estimate)
- 7 Total Amount for Construction of Dumping Yards
(i) In Civil Soyam Land = 59.29 Lacs
(ii) In Nap Land = 0.00 Lacs
Total = 59.29 Lacs
(Sheet attachad on page no. of Muck disposal estimate)
- 8 Cost of Treatment plan =
(i) In Civil Soyam Land = Lacs
(ii) In Nap Land = Lacs
Total = Lacs
(Sheet attachad on page no. of Muck disposal estimate)
- 9 Total Amount In
(i) In Civil Soyam Land = 59.29 Lacs
(ii) In Nap Land = 0.00 Lacs
Total = 59.29 Lacs
(Sheet attachad on page no. of Muck disposal estimate)

अधिसासी अभियन्ता
पी० एम० जी० एस० वाई०
मिंचाई खण्ड कोटद्वार (गढ़वाल)

अधिसासी अभियन्ता
पी० आर्डी० यू० (पी० एम० जी० एस० वाई०)
मिंचाई खण्ड, लो० नि० वि०
कोटद्वार (गढ़वाल)



Km - 2.000

Lea
मन
दिल



Km - 2.325

Lea
मन
दिल

Gallu
J.E.

Momind
सहायक अधीक्षकता चक्रे
मिनाई खण्ड (लो० नि० वि०)
कोटद्वार (नकुवाल)



Km - 2.975

Lea
मन
दिल

अधीक्षक अधीक्षकता
पी. आई. यू. (पी. एम. बी. एस. काई)
मिनाई खण्ड, लो० नि० वि०
कोटद्वार (पौड़ी गढ़वाल)

Lea
मन
दिल

BN

उप-निर्देशक समन्वयकारी
मनो-उपनिर्देशक समन्वयकारी

Km = 3.125

Km = 3.875

Km - 4.325