Name of Work: Taituda to naini Motor road under PMGSY (Stage-I)

Motor Road under BRIDCUL

Name of Block: Gairsain(Chamoli)

Length: 3.40 KM

Muck Dumping Area Reserve and Civil land

S. No.	Location of wire-Crate					Type of Land	No.	Size of catchment of wire-crate		Area (sqm)	Area (Hect)
	X- section's			Latitude	Longitude			Length (m)	Wirdth (m)		
1	Chainage	0.570	km	29°57'07.99"	79°23'34.19"	Van panchyat land	1	60.00	8.00	480.00	0.048
2	Chainage	1.170	km	29°57'10.93"	79°23'36.73"	Civil Land	1	62.00	10.00	620.00	0.062
3	Chainage	2.260	km	29°57'21.83"	79°23'40.95"	Nap land	1	53.00	9.5	503.50	0.050
Total								**175.00**	**27.50**	**1603.50**	**0.16**

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पी0आई0यू, गैरसैंण–चमोली

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Name of Work: Taituda to naini Motor road under PMGSY (Stage-I)

Motor Road under Bridcul

Name of Block: Gairsain(Chamoli)

Muck Received From Hill Side Cutting

S.No.	Description of work		Quantity	Unit
1	Material received form hill side cutting	(1/2)*3400*6*5/2	25500	Cum
	Add 25% for Swell Factor for soil.		6375	Cum
	Total		**31875.00**	Cum
	Disposal and use of Material			
2	R.R Stone Masonary Laid in 1:5		2012	Cum
3	R.R Stone Masonary Laid in Dry		3282	Cum
4	Hand packed stone Filling		1700	Cum
5	Bolder apron		560	Cum
6	construction of Parapet		2550	Cum
7	Construction of Scupper		4781.25	Cum
8	material to be used along road side		1593.75	Cum
9	GSB	3400*3.3*0.15	1683	
10	G1 and G2	2*3400*3.3*0.075	1683	
	Total used		**19845**	Cum

quantity Muck to be disposed at dumping places (i.e Material received - material used) **12030.00** cum

TOTAL **12030.00** Cum

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Name of Work: Taituda to naini Motor road under PMGSY (Stage-I)

Motor Road under Bridcul

Name of Block: Gairsain(Chamoli)

Length: 3.40 KM

TOTAL CARRYING CAPACITY OF DUMPING YARD

S. No.	Location of wire-Crate					Type of Land	No.	Size of catchment of wire-crate			Quantity	Unit
	X- section's			Latitude	Longitude			Length (m)	Wirdth (m)	Height (m)	(cum)	
1	Chainage	0.570	km	29°57'07.99"	79°23'34.19"	Van panchyat land	2/3	60.00	10.00	3.85	2310.00	Cum
							2/3	60.00	11.00	3.80	2508.00	Cum
2	Chainage	1.170	km	29°57'10.93"	79°23'36.73"	Van panchyat land	2/3	62.00	8.00	3.90	1934.40	Cum
							2/3	62.00	7.00	3.90	1692.60	Cum
3	Chainage	2.260	km	29°57'21.83"	79°23'40.95"	Nap land	2/3	53.00	9	4.00	1908.00	Cum
							2/3	53.00	8	4.00	1696.00	Cum
Total								**350.00**	**53.00**	**23.45**	**12049.00**	Cum

Carrying Capacity of Dumping Yard = 12049.00 Cum

Total Quantity of material to be disposed to the dumping yard = 12030.00 Cum

Hence Safe. 19.00 Cum

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Muck Disposal Plan

Name of Work: Taituda to naini Motor road under PMGSY (Stage-I)

Name of Block: Gairsain(Chamoli)

Length: 3.40 KM

Summary of Results

1 The Quantity of material received from hill side cutting i/c soil factor = 31875.00 Cum
(Sheet attached on page no. Of Muck disposal estimate)

2 The quantity of material used in various items =
(Sheet attached on page no. Of Muck disposal estimate) 19845 Cum

3 The remaining quantity of muck for dumping
(Sheet attached on page no. Of Muck disposal estimate) 12030.00 Cum

4 Total Numbers of dumping yards needed for the dumping of muck =
(i) In Civil Soyam Land = 1 Nos
(ii) In Van panchyat land = 1 Nos
Total = 2 Nos
(Sheet attached on page no. Of Muck disposal estimate)

5
Carrying capacity of dumping yards with proper dimensions & coordinates
(i) In Civil Soyam and van panchyat Land = 8445.00 Cum
(ii) In nap Land = 3604.00 Cum
Total = 12049 Cum
(Sheet attached on page no. Of Muck disposal estimate)

6 Land Ownership Reports
(Sheet attached on page no. Of Muck disposal estimate)

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