

# MUCK DISPOSAL PLAN

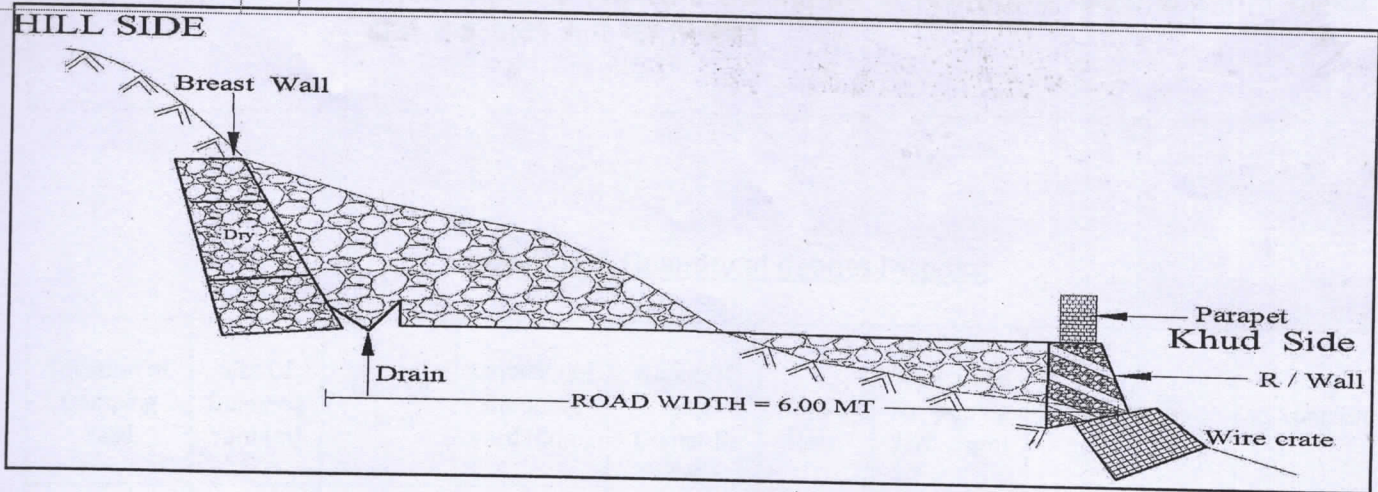
Name of Work:- Construction of Thalgarh-Dadon motor road.

1	3.0 Stone Masonry laid in 1:2	1000000.00	2000.00	Cur
2	3.0 Stone Masonry laid in 1:2	1000000.00	2000.00	Cur
3	Hand Packed Stone Filling	1000000.00	2000.00	Cur
4	Construction of Wire Gully	1000000.00	2000.00	Cur
5	Fixing of Edge Stone	1000000.00	2000.00	Cur
6	Construction of Parapet	1000000.00	2000.00	Cur
7	Construction of Culvert	1000000.00	2000.00	Cur
8	Material Used for Filling and Grade Making e.g. Subsoil, Sand, Silts, Performance, etc.	1000000.00	2000.00	Cur
9	Total Used	1000000.00	2000.00	Cur
10	Material Disposal By Carriage	1000000.00	2000.00	Cur

Particulars	Amount	Particulars	Amount
1000000.00	1000000.00	1000000.00	1000000.00



परियोजना का नाम :- जनपद चमोली के विधानसभा क्षेत्र बट्टीनाथ के विकासखण्ड पोखरी के अंतर्गत थलगढ़ से डाडौं तक मोटर मार्ग का निर्माण।



1	Material received form hill side cutting Material received form hill side cutting				Cum
	1x1/2x6x4000x2.00			24000.00	Cum
	Add 40% For Swell Factor for Soil.			9600.00	Cum
			Total	33600.00	Cum
<u>Disposal and use of Material</u>					
2	R.R. Stone Masonry Laid in 1:6	1x1x900x(0.60+1.50/2)x3	2835.00		Cum
3	R.R. Stone Masonry Laid in Dry	1x1x1100x(0.60+1.50/2)x3	3465.00		Cum
4	Hand Packed Stone Filling	1x1x2000x0.60x1.50/3	600.00		Cum
5	Construction of Wire Crate	1x1x200x6.75	1350.00		Cum
6	Making of Edge Stone	1x1x2000x0.016	32.00		Cum
7	Construction of Parapet	1x1x200x0.73	146.00		Cum
8	Construction Of Scupper	1x2x30x16.80	1008.00		Cum
9	Granular sub-base/base/surface	1x1x3800x4.05x0.10	1539.00		Cum
10	Material Used For Filling And Grade Maintaining, Job Piller, Back Pillars, Reference Pillars			6000.00	Cum
	Total Used			16975.00	Cum
11	Material Disposal By Cartage			16625.00	Cum

#### SUMMARY OF DEBRIES DISPOSAL

S.No	Total Debries	Material Disposal By Cartage	Reused Material for Road Construction	Total Disposal in Dumping Zone	Balance Debries
1	33600.00	16625.00	16975.00	16625.00	0.00



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Location & Quantity of debries Disposal

Location of Dumping Yard	Size Of Dumping Yard (m)	Type Of Land	Capacity of dumping yard (Cum)	Name Of Land Owner & Village	Land In Hect.	Land Area Being Used For Duping Yard (Sqm)	Latitude	Longitude
X/S 0/0	20 x 7	Civil Land	4200.00	Civil Land	0.014	0.014	30°25'51.52"	79°12'44.17"
X/S 1/30-31	22 x 6	Civil Land	4100.00		0.013	0.013	30°26'21.07"	79°12'43.39"
X/S 2/4-5	21 x 7	Civil Land	4200.00		0.015	0.015	30°26'31.36"	79°12'37.06"
X/S 2/32-33	20 x 7	Civil Land	4125.00		0.014	0.014	30°26'36.83"	79°12'46.07"
		<b>Total</b>	<b>16625.00</b>		<b>0.56</b>	<b>0.56</b>		





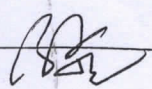
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S/No	Item of Work	No	Length	Width	Height	Quantity	Unit
1	Excavation for Structures: - Earth work in Excavation foundation for cross drainage structures, retaining walls, breast walls & other similar structures in all types of soils and rocks as met at site with all leads, lifts and disposal of surplus earth as directed by engineer in charge including supply of all material labour, T&P etc. required for proper completion of work in accordance with the MORD specification.						
	X/S	1x1	33.00	1.50	0.30	14.85	Cum
	X/S	1x1	30.00	1.50	0.30	13.50	Cum
	X/S	1x1	33.00	1.50	0.30	14.85	Cum
	X/S	1x1	30.00	1.50	0.30	13.50	Cum
						<b>56.70</b>	Cum
2	Providing and laying of boulder apron laid in wire crates with 4 mm dia G.I. Wire conforming to IS: 280 & IS: 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of MORD and as directed by Engineer in charge.						
	X/S	1x1	36.00	1.50	1.50	81.00	Cum
	X/S	1x1	32.00	1.50	1.50	72.00	Cum
	X/S	1x1	36.00	1.50	1.50	81.00	Cum
	X/S	1x1	36.00	1.50	1.50	72.00	Cum
						<b>306.00</b>	Cum
3	Construction of Coolie Walling For Making Of Dumping Yard.	1x1	70.00	0.50	0.60	<b>21.00</b>	Cum
4	Cartage Of Muck from Hill Side Cutting.					<b>16625.00</b>	Cum



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S/No	Reference to MORD Specification	Item of Work	Qty	Unit	Rate	Amount
		<b>HILL SIDE CUTTING</b>				
1	MISC 1-2	Excavation for Structures: - Earth work in Excavation foundation for cross drainage structures, retaining walls, breast walls & other similar structures in all types of soils and rocks as met at site with all leads, lifts and disposal of surplus earth as directed by engineer in charge including supply of all material labour, T&P etc. required for proper completion of work in accordance with the MORD specification.	56.70	Cum	361.30	20485.71
2	MORD 14-2	Providing and laying of boulder apron laid in wire crates with 4 mm dia G.I. Wire conforming to IS: 280 & IS: 4826 in 100mm x 100mm mesh (woven diagonally) including 10% extra for laps and joints laid with stone boulders weighting not less than 25 Kg each as per drawing and technical specification of MORD and as directed by Engineer in charge.	306.00	Cum	1986.10	607746.60
3	MISC 1-6	Construction of Coolie Walling For Making Of Dumping Yard.	21.00	Cum	1274.10	26756.10
4	MISC 1-10-1	Cartage Of Muck from Hill Side Cutting.	16625.00	Cum	63.60	1057350.00
			Total			1712338.41
			Say			17.12 Lacs





## MUCK DISPOSAL/MANAGEMENT PLAN OF IN DISTRICT CHAMOLI CONSTRUCTION OF THALGARH TO DADO MOTOR ROAD

Muck Disposal Plan prepared as following :-

- 1- **CALCULATION OF MUCK TO GENERATED INCLUDING SWELL FACTOR**  
Total much generated during construction of road :- 33600.00 Cum
- 2- **QUANTITY OF MUCK TO BE UTILIZED IN THE PROJECT ACTIVATES\**  
As per attached sheet :- 16975.00 Cum
- 3- **BALANCE QUANTITY OF MUCK WHICH REQUIRED FOR DISPOSAL/ MANAGEMENT PLAN**  
(33600.00 – 16975.00) = 16625.00 Cum
- 4- **CARRIAGE OF MUCK FROM THE MUCK GENERATION SITE TO DUMPING SITE**  
Muck will be carry by contractor as their own cost as per bond condition
- 5- **OWNER SHIP OF LAND AND HE CONSENT OF LAND OWNER**  
Muck will be dump on Civil Land as attachment of record Photo graphs always as per carrying capacity of dumping zone to be prepared of Civil land but required quantity is only consent of Forest/land owner attached with proposal.
- 6- **DEVELOPMENT OF DUMPING SITE CONSTRUCTION OF RETAINING WALL AND OTHER STRUCTURE**  
Cost of protection work ie R/walls wire creates against muck dumping point in naap land will be construct by liner agency PWD Construction Division PWD Pokhari as proposed muck dumping point
- 7- **REHABLITATION OF DUMPINT SITE LIKE LEVELING PLATING OF GRASS, SHRUB AND TREE SPECIES**  
Rehabilitation of Dumping site like leveling plating of grass, shrub and tree species by construction agency Construction Division PWD Pokhari

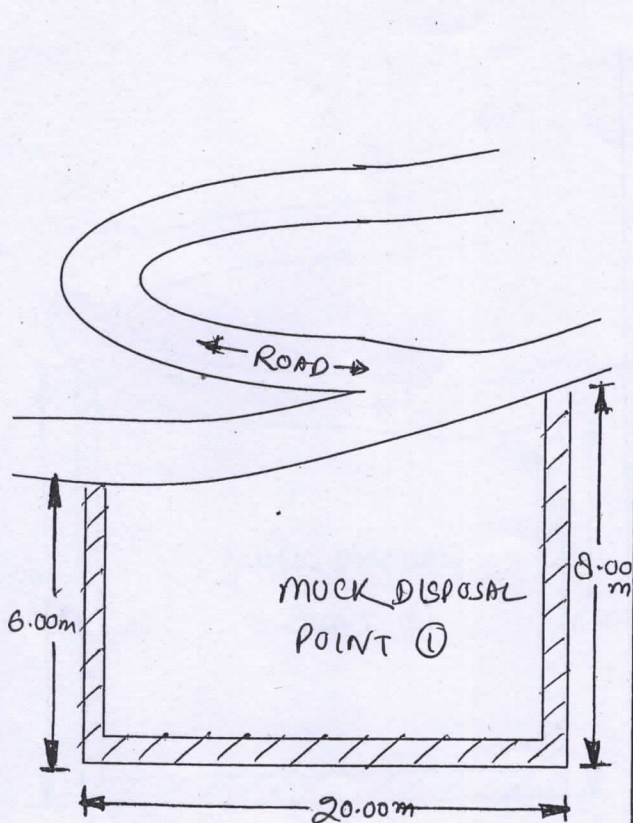
### UNDERTAKEN AS PER FOLLOWING BY USER AGENCY PWD POKHARI

- 1- Muck management plan will be implemented by PWD Pokhari is case non implementation of plan will be liable to penalty action
- 2- The proposed dumping site is located away from river/stream/Nala

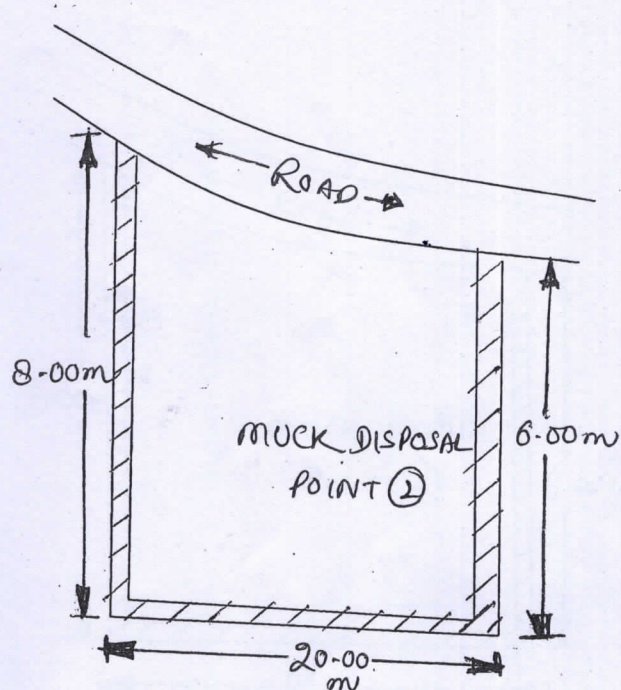




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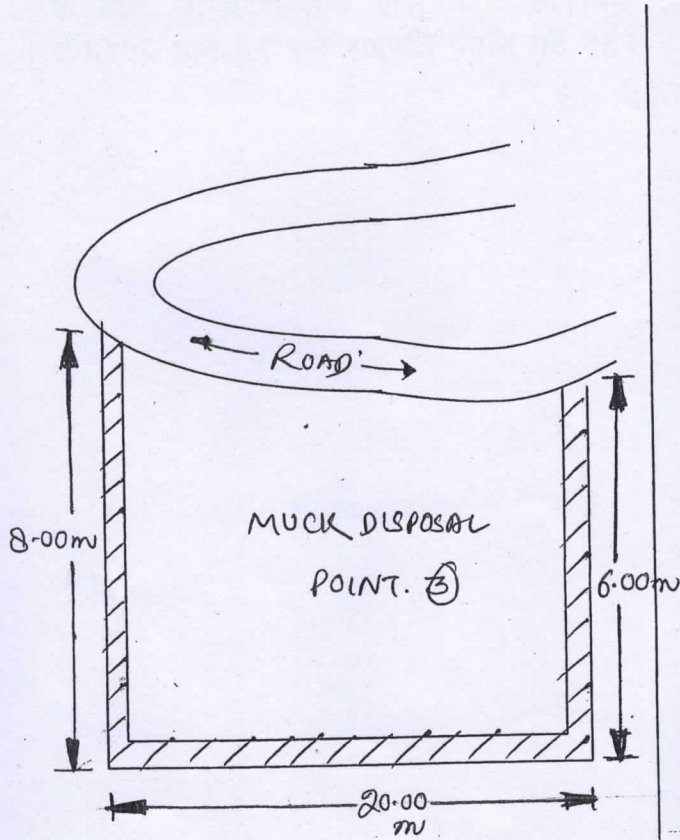
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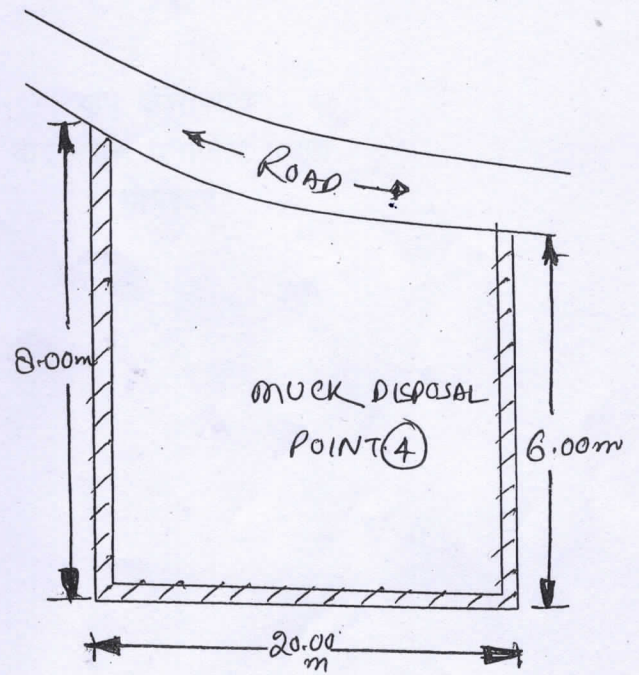
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