

MODEL PLAN RELATED TO ENGINEERING MEASURES, FOR STABILIZATION OF MUCK DUMPING
SITES IN FOREST AREA FOR CONSTRUCTION OF IKHALA BLOCK BOUNDARY KISHTWAR TO
LOPARA ROAD

**Typical Estimate for construction of create wall to protect dumping sites of surpluses
Mack/Excavated material in Forest area as per engineering measures**

1. Earth work in excavation for foundation of structures comparative as per Drawing
And Technical specification in 70% os. 20% OR 10% HR

Length/Crate wall= 21.50

= $21.50 \times 2.40 \times 0.70 = 26.12 \text{ M}^3$

= 13111.00

2. For Three layered created wall

Qty = $2 \times 2 \times 21.50 \times 1.20 \times 1.20 = 123.84$

$1 \times 1 \times 21.50 \times 1.20 \times 1.20 = 30.96$

Total = 154.80

@ 2700/M³ = 417960.00


Total = 431071.00

Cost for one No. dumping site = 431071.00

Total Amount for 06 No D. Sites = $431070 \times 6 = 2586420.00$

Say. 25.86 lacs

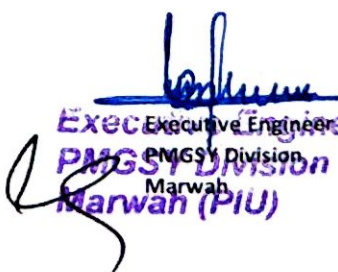

Divisional Forest Officer
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Executive Engineer
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Marwah (PIU)

ABSTRACT OF MUCK GENERATED AND ITS DISPOSAL

Project Component	Qty.of Muck/Debris generated(CUM)		Estimated qty of Muck/Debris proposed to be utilized (Cum)		Balance Qty of Muck/Debris		Qty of Muck due to Swell factor (Cum)		Name of Dumping Site	Area of Dumping Site	Capacity of Dumping site(Cum)
	Rock	Soil	Rock	Soil	Rock	Soil	Rock	Soil(25%)			
Ikhala Block Boundary Kishtwar to Lopara Road	375572.00	259009.00	375572.00	0.00	0.00	259009.00	0.00	323761.00	Muck Dumping Site In forest area = D1	0.02853	32376.10
									Muck Dumping Site In forest area = D2	0.02853	32376.10
									Muck Dumping Site In forest area = D3	0.02853	32376.10
									Muck Dumping Site In forest area = D4	0.02853	32376.10
									Muck Dumping Site In forest area = D5	0.02853	32376.10
									Muck Dumping Site In forest area = D6	0.02853	32376.10
									Total Dumping Area in Forest Land	0.1712	194256.60
									Muck Dumping Site In non forest area = D7	0.02853	32376.10
									Muck Dumping Site In non forest area = D8	0.02853	32376.10
									Muck Dumping Site In non forest area = D9	0.02853	32376.10
									Muck Dumping Site In non forest area = D10	0.02853	32376.10
									Total Dumping Area in Forest Land	0.1141	129504.40
								G-Total	Forest & Non-Forest	0.2853	323761.0000


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