

Full Title of the Project: - Construction of Shamshar to Panai road km 0/000 to

9/390

File NoFH/HP/42899/2019

Date of Proposal: 25/11/2019

MUCK MANAGEMENT PLAN



Typical section of Road

Total Length=9.390km

Av cross sectional area=13.92

Hence total Quantity =9390*13.92=130709.00 cum

130709.00

S No	Particulars	Units	Quantity
1	Total quantity of muck to be produced	cum	130709.00
2	Deduction for useful stone as required 20 %	cum	26141.80
3	Net balance quantity of Debris/muck (1-2)	cum	104567.20
4	Quantity available on site with swell factor @1.45	cum	151622.44
5	Material/Muck to be used in Project		
	.a. Deduction of material required for costruction of dumping place in dry Wire crate R/wall/ edge wall @5% of (4)	cum	7581.12
	.b Less for material/muck required for leveling of the proposed road for construction @15% of (4)	cum	22743.37
	.c Less for material/muck required for construction of the proposed road on analogy of half cutting and half filling @40% of (4)	cum	60648.98
	Total (cum)		90973.46
6	Net material/muck to be dumped in dumping site (4-5)		60648.98

Proposed Dumping site

S.no	RD	Length (m)	Breadth(m)	Height (m)	Quantity(cum)
1	0/250 to 0/460	210	27	5.36	30391.2
2	4/100 to 4/310	210	27	5.36	30391.2

Total Quantity for disposal of muck/ debris=60782.40 cum

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