

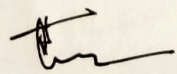
Title of the Project : Construction of link road from Dokru Lehar Neri Road km 0/0 to 2/960

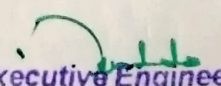
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Date of Proposal : 25 Jan 2020

MUCK MANAGEMENT PLAN

Sr. No	Description	Total
	Total Quantity of muck being produced $3000 \times 2.50 \times 0.75 + 2.75/2$	13125.00 Cum
1	Deduction for useful stone as required under the clause of agreement to be executed by the contractor & Executive Engineer of Project implementing unit Division on behalf of Govt. of HP for using in project 12494.28x1/6	2187.50 Cum
2	Net Balance Quantity of Debris / Muck	10937.50 Cum
3	Add Quantity available on site with (Swell factor @ 40% on PW & JW	4375.00 Cum
	Loose quantity of muck G. Total@ (A)	15312.50 Cum
4	Muck required for construction of proposed road on the analogy of half cutting and half filling @25% of (A)	3828.12 Cum
5	Muck required for leveling of proposed road @15% of (A)	2296.87 Cum
6(i)	Muck required for Khaoranja Soling and Binding material 5% of (A)	756.62 Cum
6(ii)	Muck required for back filling in Retaining Walls 15% of (A)	2296.62 Cum
6(iii)	Muck required for berm filling of (A) $3000 \times 2 \times 0.80 \times 0.25$	1200.00 Cum
6(iv)	Muck required for cuvert filling i.e. of (A)	109.37 Cum
	Total quantity of sub head 6 i.e. (i+ii+iii+iv)	4371.61 Cum
	Loose quantity of sub head (6)x40 of (v)	1748.64 Cum
	Total (i+ii+iii+iv+v)	6120.25 Cum
	Total muck to be used (B) (4+5+6)	12245.243 Cum
	Muck / debris left at site which required carriage to the proper dumping site duly reconised as per the instructions of forest and enviornment ministry reinforced by various judgements of Apex Court of India (A-II)	3067.26 Cum

  
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 HPPWD Jhandutta

  
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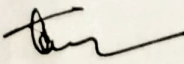
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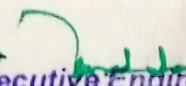
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ABSTRACT OF COST

Sr. No.	Description	Qty.	Unit	L/Rate	Amount	T/Rate	Amount
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deletrious materials and disposal upto a lead of 50 mtrs dressing of sides and bottom back filling in trenches with excavated suitable material in ordinary soil upto 3.00 mtr depth.	8.12	Cum	128.15	-	128.15	1041.00
2	Providing and laying of boulders apron laid in wire crates with 4mm dia GI wire confirming to IS:280 and IS: 4826 in 100x100mm, mesh (woven diagolally) including 10% extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specification clause 1301.	31.25	Cum	125.15	-	1458.4	45575.00
	<b>Total</b>						<b>46616.00</b>

  
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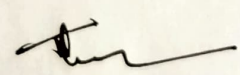
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Detail of Measurements

Sr. No.	Description	No.	L	B	H/D	Quantity
1	Earth work in excavation for structures as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deletrious materials and disposal upto a lead of 50 mtrs dressing of sides and bottom back filling in trenches with excavated suitable material in ordinary soil upto 3.00 mtr depth.					
	<b>Area taken as per Drawing</b>	1x10x1.25x0.50+0.80/2				8.12 Cum
2	Providing and laying of boulders apron laid in wire crates with 4mm dia GI wire confirming to IS:280 and IS: 4826 in 100x100mm, mesh (woven diagolally) including 10% extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specification clause 1301.					
	1st Step	1	10	1.25	1.25	15.62 Cum
	2nd Step	1	10	1.25	1.25	15.62 Cum
	Total					31.25 Cum

  
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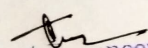
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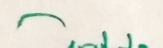
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PROFORMA-III

Sr. No.	Name of component from where Muck/Debris is to be produced	Total Qty. of muck /debris to be produced (cum)	Qty. of muck / debris to be utilised locally (cum)	Qty. of muck / debris to be dumped on compact basis (cum)	Factor of increase in volume of dumping	Qty. of muck /debris to be dumped on increased (cum)	Name of dumping site	Slope of dumping place	Location of dumping place village place station nearby road	Distance of dumping place from near by river with name of river	Area of dumping place with length and breadth	Area of forest land in Hac.	Ht of debris / muck expected volume area (mtrs)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Construction of link road from Dokru Lehar Neri Km 0/00 to 2/960.	15312.50 cum	12245.24 cum		40%	3067.26 cum	Along road near Dokru Km. 0/070	1:16		3.00 Km. from Govind Sagar Lake Back Water	2000.00 Sqm	0.20 Hect.	1.55 Meter	

  
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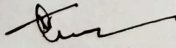
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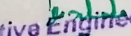
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PROFORMA-IV

Sr. No.	Kilometer s	RD's	Length in meters	Total length in Km.	Area of the forest land in sqm	In Km forest land	Radiation in non forest land in Mtrs.	Name of village forest neatly Muck/ Debris to be produced local	Muck Debris to be used locally	Muck /Debris to be dumped	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
1	Km. 0/0 to 2/960	0/070 to 0/270	200.00 Meter	0.200 Km.	2000.00 Sqm	0/0 to 0/330 =330 0/450 to 1/045 =595 1/135 to 1/810 =675 Total =1.600 Km.	1.360 Km.	Dokru	12245.24 cum	3067.26 cum	

  
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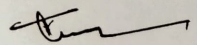
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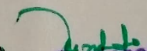
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PROFORMA-V

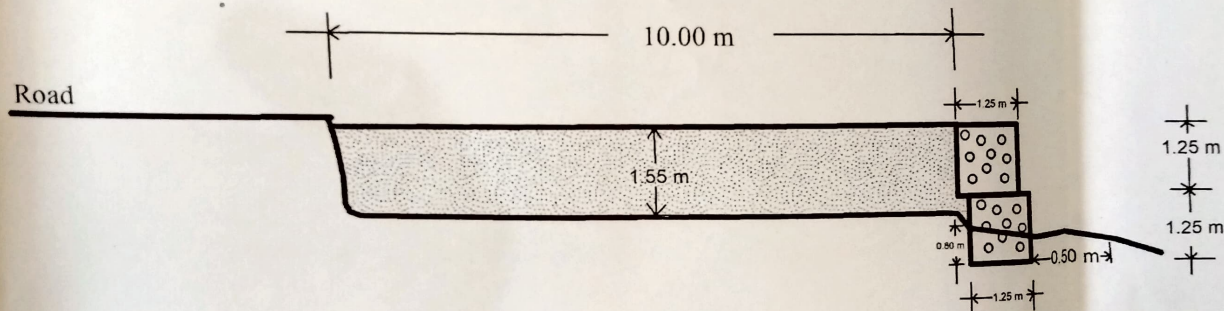
Sr. No.	Name of Dumping places	Location of dumping places i.e. Village & Khasra No.	Slope of dumping site places	Length width (M& area of dumping places	Quantity of muck/ debris to be dump in cum)	Height of dump expected in metres	Remarks
1	2	3	4	5	6	7	8
1	Along road near Dokru	Km. 0/070 to 0/270	1:16	2000 sqm	3067.26 cum	1.55 Meter	

  
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Name of Work :- Construction of link road from Dokru Lehar Neri Km 0/00 to 2/960

Dumping Site at RD - 0/070 to 0/270 KM



Dumping Area =  $200 \times 10.00 \times 1.55 = 3100.00 \text{ m}^3$

*[Signature]*  
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