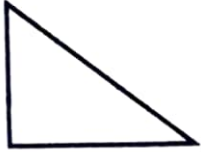


Full Title of Project: Construction of road from Shamshar to Chalohan km. 0/000 to 3/420

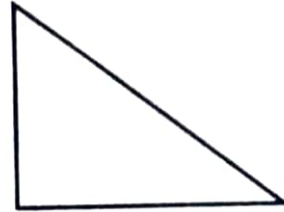
Proposal No: - FP/HP/ROAD/151416/2022

Date of Proposal: 21/01/2022



MUCK MANAGEMENT PLAN

Typical section of Road



Total Length= 3.420.km

Av cross sectional area= 8.523 sqm.

Hence total Quantity = $3.420 \times 8.53 = 29172.60$ cum

29172.60

Sr. No.	Particulars	Units	Quantity
1.	Total quantity of Muck to produced	cum	29172.60
2.	Deduction for useful stone as required 20 %	cum	5834.52
3.	Net balance quantity of Debris/muck(1-2)	cum	23338.08
4.	Quantity available on site with swell factor @1.45	cum	33840.22
5	Material/Muck to be used in Project		
	.a. Deduction of material required for construction of dumping place in dry Wire crate R/wall/edge wall @5% of (4)	cum	1692.01
	.b. Less for material/Muck required for leveling of the proposed road for construction @15% of (4)	cum	5076.03
	.c. Less for Material/muck required for construction of the proposed road analogy of half cutting and half filling @40% of (4)	cum	13536.09
	Total (cum)		20304.13
6.	Net Material/Muck to be dumped in dumping site (4-5)		13536.09

Propose Dumping Site

Sr.No.	RD	Length (M)	Breadth (M)	Height (M)	Quantity (cum)
1	0/060 to 0/0100	40	30	5.65	6780
2	2/710 to 2/840	40	30	5.65	6780

13560

Total Quantity for disposal of muck/ debris=**13560.00 cum**

(Er. GIAN BHARTI.)

Assistant Engineer,
B & R Sub. Division.
H. P. P. W. D. Anni.

Chairman Lal HPFS
Divisional Forest officer
Ani Forest Division at Luhri

(Er. K.L SUMAN.)

Executive Engineer,
Outer, Seraj, Division.
H.P. P.W.D.Nirmand.

Place


Dated


ABSTRACT OF COST


Name of work :- Construction of Shamsher to Chalohan road km 0/00 to 3/420 (SH:- Fencing of Dumping Site.)

Sr. No	Sub-Head and Item of Work	Quantity	Unit	Rate	Amount
1	Excavation for structures as per drawing and technical Specification clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and back filling in trenches with excavated suitable material	5.47	Cum	180.55	987.00
2	Steel work in single section in grating frames gurads railing brackets and similar works to support baebed wire <65x65x5mm	1.35	Qtl.	5890.10	7952.00
3	P/L cement concrete 1:6:12 (1 cement : 6 sand : 12 graded stone aggregate 40mm nominal size) and curing complete including cost of enering and shuttering in foundation and plinth	5.47	Cum	1942.50	10621.00
4	Supplying and fixing galvanised steel bae-bed wire (IS,278-1962 Type 10 weighing 9.38 kg per 100mm (Minimum) straining bolts including secung with and provision of galvanised mild steel wire, staples or steel pins etc as directed (posts and struts of wood concrete, steel etc and straining bolts shall be paid for separately)	840.00	Rmt.	96.55	81102.00
5	Planting ontamerized trees and shrubs seeding including pitting, transplanting and mucking on slopes 80-45 degree pit size 45cm diameter x 45 cm depth. Backfill with compost @0.017 & 975 cum/pit mixed with original soil (plant to plant and row to row distance is 2.00 meters)	1500.00	Nos.	12.90	19350.00
6	Providing ontamerized seedling (size of plant should not be less than 60cm) including transportation from the nursery to site of work	1500.00	Each	15.00	22500.00
	Total				142511.00
	Three years maintenance 15% charges				21377.00
				G.Total	163888.00

Certificate:- Certified that reclamation will be carried out on the cost of user agency by itself



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DETAIL OF MEASUREMENT**Name of work:- C/o Shamshar to Chalohan road KM 0/00 to 3/420. (SH:-Fencing of Dumping site.)**

Sr.No	Sub-head and item of work	Unit	No.	L	B	H/D	Qty.
1	Excavation for structures as per drawing and technical specification clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and back filling in trenches with excavated suitable material .	Cum	60.00	0.45	0.45	0.45	5.47
2	Steel work in single section in grating frames guards railing brackets and similar works to support barbed wire <65x65x5mm		60.00	2.25			135
		Qtl.					1.35
3	P/L cement concrete 1:6:12 (1 cement :6 sand:12 graded stone aggregate 40 mm nominal size)and curing complete including cost of entering and shuttering in foundation and plinth.	Cum	60.00	0.45	0.45	0.45	5.47
4	Supplying and fixing galvanised steel bar-bed wire (IS:278-1962) Type 1) weighing 9.38 kg per 100 mm (Minimum) straining and fixing to any tupe of standard rails, straining bolts including secung with and provision of galvanised mild steel wire, staples or steel pins etc as directed (posts and struts of wood concrete, steel etc and straining bolts shall be paid for separately)	Rmt.	3.00	280			840
5	Planting ontamerized trees and shrubs seedling including pitting, transplanting and mucking on slope 80 45 degree pit size 45 cm diametre x 45 cm depth. Backfil with compost @0.017 & 975 cum/pit mixed with original soil (plant to plant and row to row distance is 2.00 metres)	Nos.	60	25.00			1500
6	Providing ontamerized seedling (size of plant should not be less than 60 cms) including transportation from the nursery to site of work.	Each	60	25.00			1500

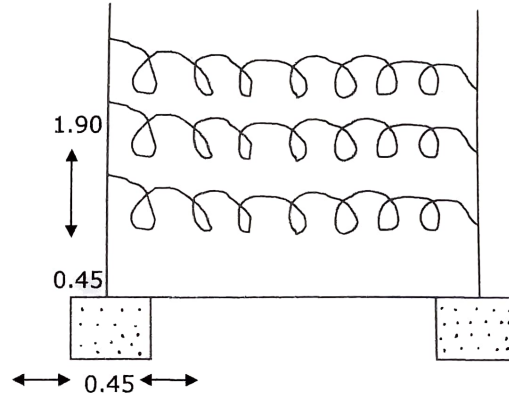
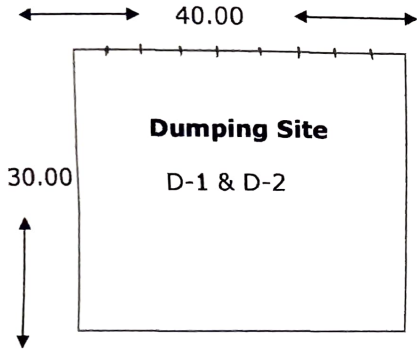

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SHAMSHAR TO CHALOHAN ROAD KM. 0/00 TO 3/420

FENCING OF DUMPING SITE



Dumping Area = $2 \times 40 \times 30 = 2400 \text{ m}^2$


Or = 0.24 hac.

PIT SIZE = $0.45 \times 0.45 \text{ mtr.}$

$\angle 65 \times 65 \times 5 \text{ mm} = 2.25 \text{ mtr.}$


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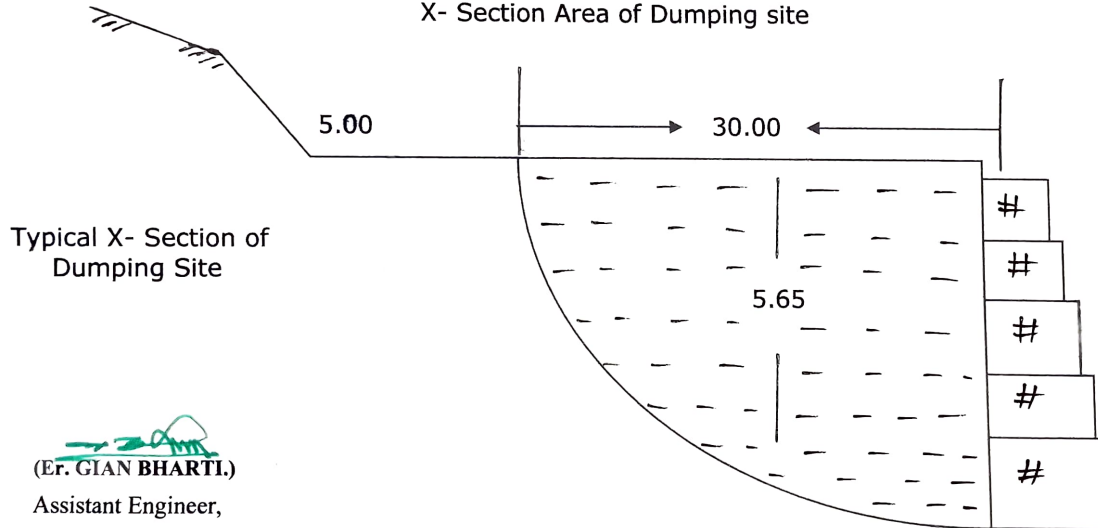
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SHAMSHAR TO CHALOHAN ROAD KM. 0/00 TO 3/420

X SECTION AREA OF DUMPING SITE


Sr.No.	RD	WIDTH	LENGTH
1	0/060 to 0/100	30.00	40.00
2	2/700 to 2/840	30.00	40.00
		60.00	80.00
Total Area=) 80.00x60.00= 2400 m2			
Area in Hectare) 0.24 Hectare			


X- Section Area of Dumping site




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