

Full title of Project: Construction of road Khourgali to Radnote Part-I under Package no. JK14-519 Stage-I PMGSY Division Reasi.


File No. FP/JK/ROAD/47888/2020

Date of Proposal : 24-07-2020

**DETAIL OF MUCK/DEBRIES TO BE PRODUCED**

Detail of quantity to be produced and used during the construction of road in forest area.

Sr. No.	Description of Items	Quantity in Cum
1	Total quantity to be produced during the construction	207734.00
2	To be used for soling of road (6.5%) wearig of road (6.5%) and filling behind retaining walls of road (20%) Total (33%)	68552.00
3	To be used for local use for construction of road average (Total 33%)	68552.00
4	Total quantity to used (2+3)	137104.00
5	Net quantity to be dumper [1-4]	70630.00
6	Soil factor 40%	28252.00
	Grand Total (5+6)	98882.00

  
Assistant Executive Engineer  
PMGSY Sub Division  
Assistant Ex. Engineer  
Panchari Sub-Division  
Reasi

  
Executive Engineer  
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Hampur-D  
Reasi

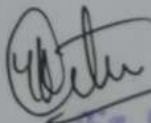
**Model plan related to engineering measures for stabilization of muck dumping sites in Forest land.**

Typical estimate for construction of crated wall to protect dumping sites of surplus Muck/Excavated Material in Forest Land as per Engineering Measures

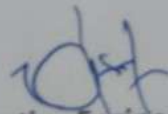
Taking length of Crated Wall =75 mtrs.	
Trench Excavation in Dense soil for structures:	= 1 x 75 mtr x 1.4 mtr x 0.60 mtr =63.00 cum @Rs. 332/cum = Rs. 20916.00
For Two layered Crated Wall	
Quantity	=2 x 75 mtr x 1.20 mtr. x 1.20 mtr. = 216.00 cum
Amount	= 216.00 cum @ Rs. 1200/cum (including cost of crates and labour for handling of available stones) =Rs. 259200.00
Total Amount for 75 mtr. Two layered Crated Wall = Rs. (20916+259200)	
(For one Dumping Point)	= Rs. 280116 (say Rs. 2.80 lacs)

∴ Total No. of Dumping Points = 15 Nos

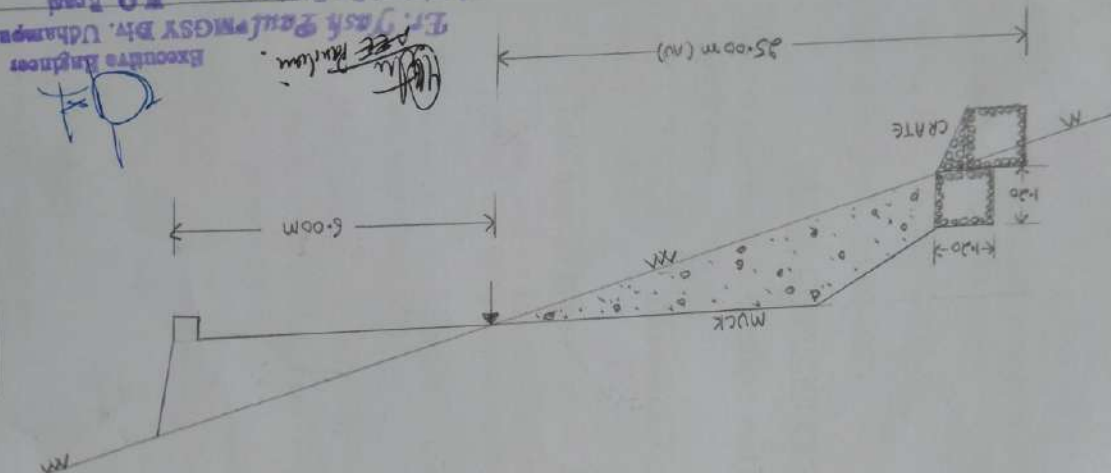
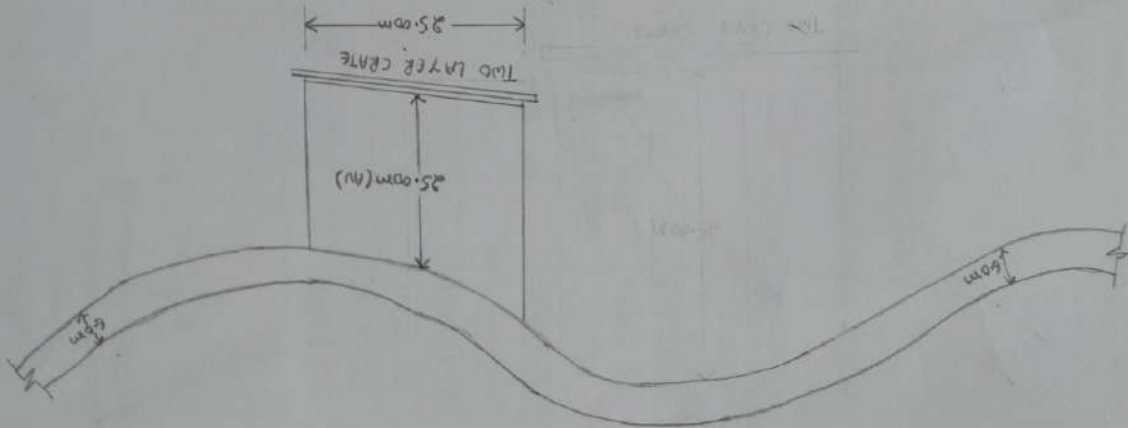
∴ Total Amount for Two layered crated wall for 15 Dumping points = 15 x 2.80 = 42.00 lacs



**P. Yash Paul**  
Assistant Executive Engineer  
PMGSY Sub Division  
Panchari Road



**Executive Engineer**  
PMGSY Division  
PMGSY Div. Udhampur-D  
Road  
H.O. Road



TYPICAL SITE PLAN AND  
X-SECTION FOR STABIL-  
IZATION OF MUCK/  
SURPLUS EXCAVATED  
MATERIAL IN  
FOREST AREA:  
SCALE: SITE PLAN: 1cm = 5m  
X-SECTION: 1cm = 1m  
NOT TO SCALE

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