

**DETAILED COMPREHENSIVE MUCK DISPOSAL PLAN**

**PROJECT : Balmatkote to Bagudass Stage 1st and 2nd Package No. JK14- 305**

Quantity of muck to be generated during execution of the project = 98750 cum.

Estimated Qty. of hard rock @ 15% =14812.5 cum

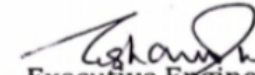
Estimated Qty. of ordinary rock @ 25% = 24687.5 cum

Estimated Qty. to be used at site including filling of embankments etc. @10% = 9875 cum

Estimated Qty. left for disposal =  $98750 - (14812.5 + 24687.5 + 9875) = 49375$  cum

Estimated Qty. on the basis of soil compaction factor (30% of 49375cum) = 14812.5cum

Volume/Capacity of dumping sites required for muck disposal =  $49375 + 14812.5 = 64187.5$  cum.

  
Executive Engineer  
Executive Engineer  
PMGSY Division  
Mithor

**Plan Related to Engineering Measures for Stabilization of Muck Dumping Sites in Forest Area.**

Typical Estimate for construction of crated wall to protect dumping sites of Surplus Muck/Excavated Material in Forest Area as per Engineering Measures.

Taking Length of Crated wall = 60 mtrs.

Trench excavation in dense soil for structures = 1 x 60 mtr. x 1.40 mtr. x 0.60 mtr.  
= 50.40 Cum. @ Rs. 363/Cum.

= Rs. 18295.00

For Two layered crated wall,

Quantity = 2 x 60 mtr. x 1.20 mtr. x 1.20 mtr. = 172.80 Cum.

Amount = 172.80 Cum @ Rs. 1477.50/Cum.

= Rs. 255312.00

(Including cost of crates and labour for handling of available stone)


Total Amount for 60.00 mtrs. Two layered crated wall for the dumping yard

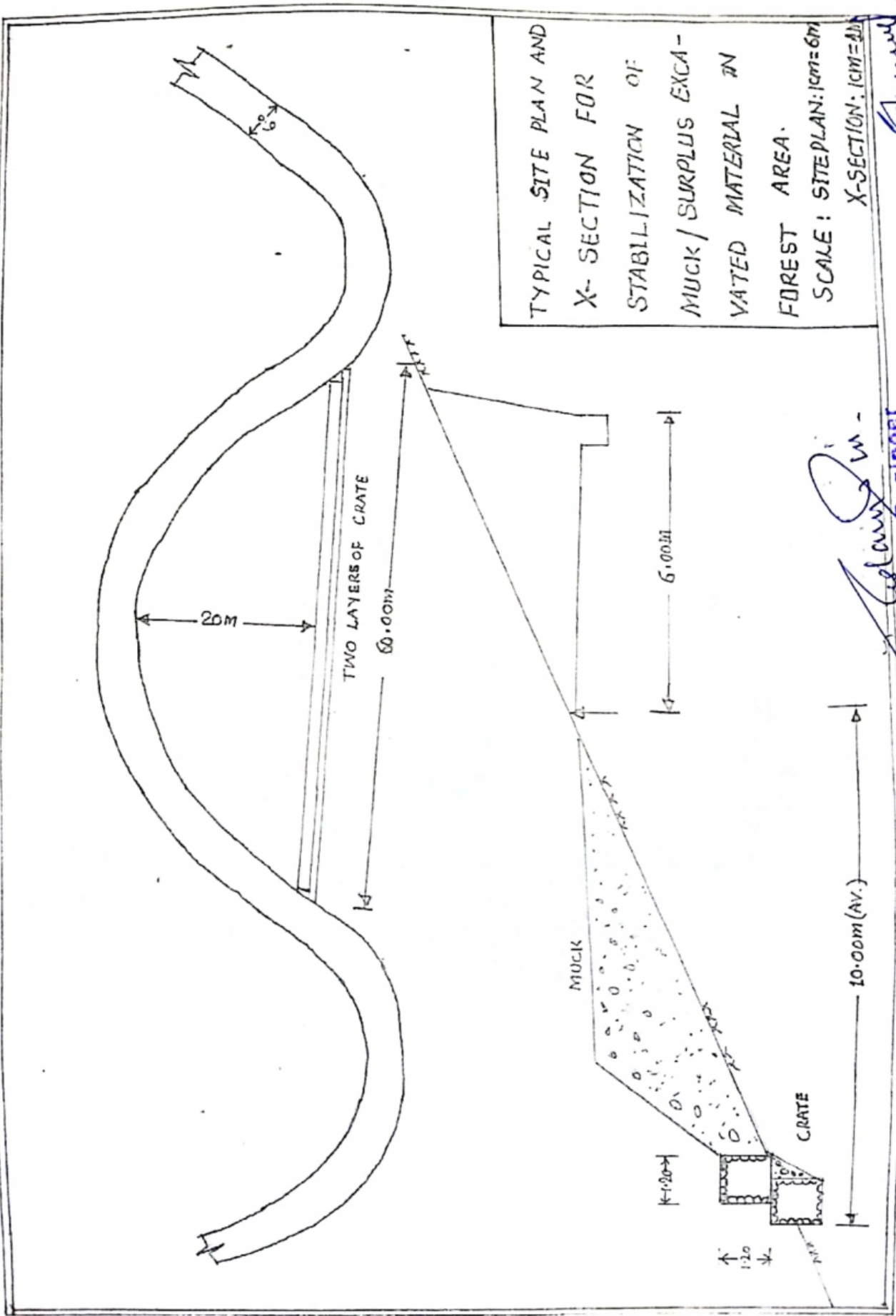
= (Rs. 18295.00 + Rs. 255312.)

= Rs. 273607.00

For 08 Nos. Dumping Yards = 08 Nos. x Rs.273607.00 = Rs. 2188856.00

=Rs. 21.89 Lacs

  
Executive Engineer  
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BMGSY Division  
Forest Division  
Mabore



TYPICAL SITE PLAN AND  
 X-SECTION FOR  
 STABILIZATION OF  
 MUCK / SURPLUS EXCA-  
 VATED MATERIAL IN  
 FOREST AREA.  
 SCALE: SITE PLAN: 1cm=6m  
 X-SECTION: 1cm=4m

*Edmund*  
 .AEE

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 Executive Engineer  
 PMGSY Division  
 Mahore