

DETAILED COMPREHENSIVE MUCK DISPOSAL PLAN

PROJECT: Ganjote to Phalni Part- II Stage Ist Package No. JK14- 572

Quantity of muck to be generated during execution of the project = 170405.900 cum.

Estimated Qty. of hard rock @ 15% = 25560.885 cum

Estimated Qty. of ordinary rock @ 25% = 42601.475 cum

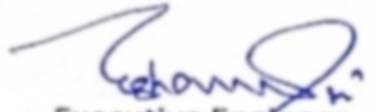
Estimated Qty. to be used at site including filling of embankments etc. @10% = 17040.590cum

Estimated Qty. left for disposal = $170405.900 - (25560.885 + 42601.475 + 17040.590) = 85202.950$
cum

Estimated Qty. on the basis of soil compaction factor (35% of 85202.950 cum) = 29821.032 cum

Volume/Capacity of dumping sites required for muck disposal = $85202.950 + 29821.032$

= 115023.982 cum.



Executive Engineer
PMGSY Division
Mahore

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 = $1 \times 60 \text{ mtr.} \times 1.40 \text{ mtr.} \times 0.60 \text{ mtr.}$

= 50.40 Cum. @ Rs. 363/Cum.

= Rs. 18295.00

For Two layered crated wall,

Quantity = $2 \times 60 \text{ mtr.} \times 1.20 \text{ mtr.} \times 1.20 \text{ mtr.} = 172.80 \text{ Cum.}$

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

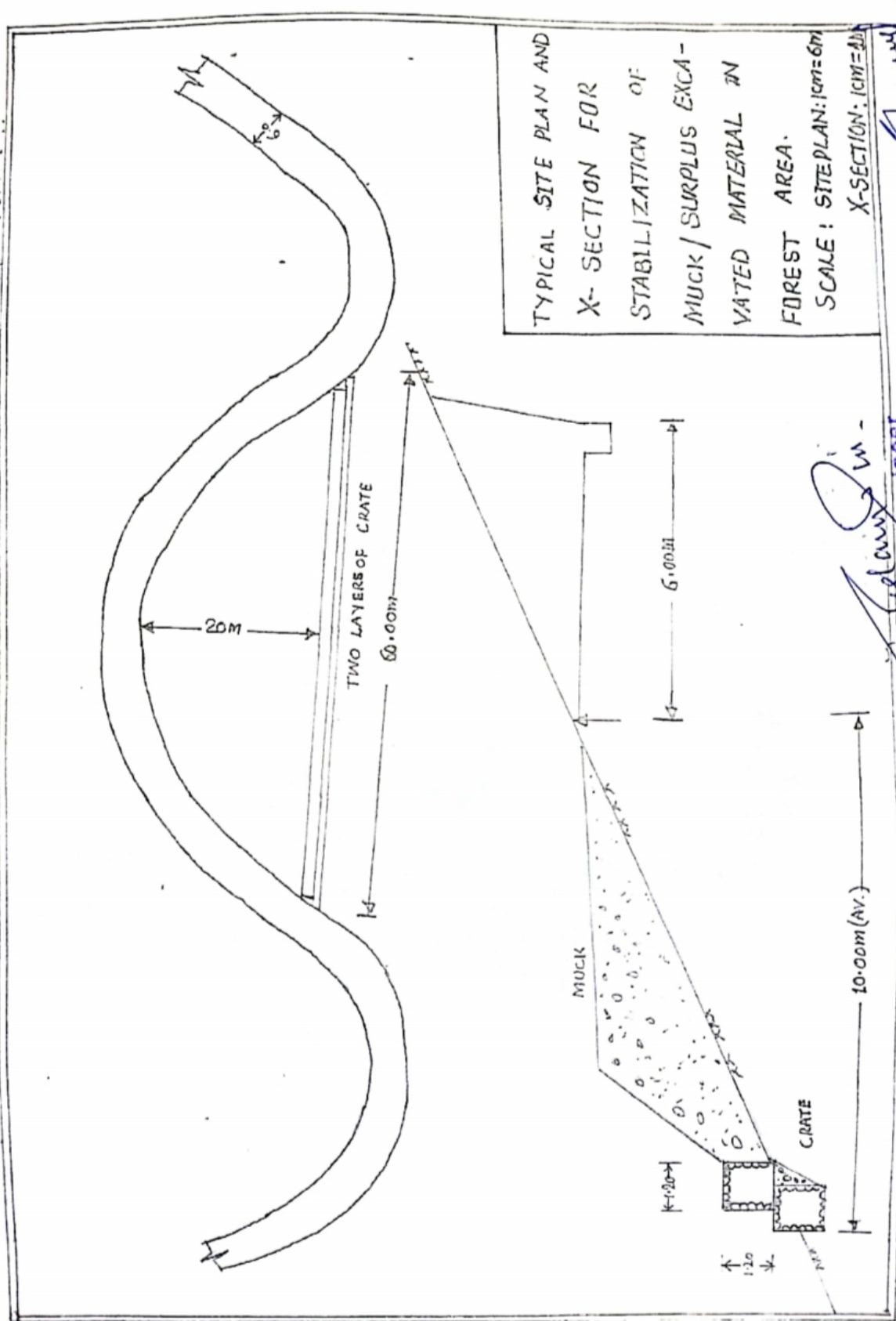
= (Rs. 18295.00 + Rs. 255312.)

= Rs. 273607.00


For 30 Nos. Dumping Yards = $30 \text{ Nos.} \times \text{Rs.} 273607.00 = \text{Rs.} 8208210.00$

= Rs. 82.08 Lacs


Executive Engineer
PMGSY Division
Mahore




 Executive Engineer
 PMGSY Division
 Mahore


 AEE