

DETAILED COMPREHENSIVE MUCK DISPOSAL PLAN

PROJECT : Shikari to Bhallar Stage Ist Package No. JK14- 441

Quantity of muck to be generated during execution of the project = 74182.5 cum.

Estimated Qty. of hard rock @ 15% = 11127.375 cum

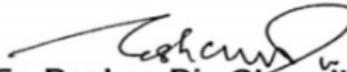
Estimated Qty. of ordinary rock @ 25% = 18545.625 cum

Estimated Qty. to be used at site including filling of embankments etc. @10% = 7418.25 cum

Estimated Qty. left for disposal = $74182.5 - (11127.375 + 18545.625 + 7418.25) = 37091.25$ cum

Estimated Qty. on the basis of soil compaction factor (35% of 37091.25 cum) = 12981.93 cum

Volume/Capacity of dumping sites required for muck disposal = $37091.25 + 12981.93 = 50073.18$ cum.


(Er. Roshan Din Chowdhary)
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 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)

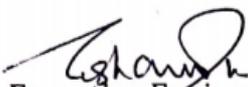
Total Amount for 60.00 mtrs. Two layered crated wall for the dumping yard

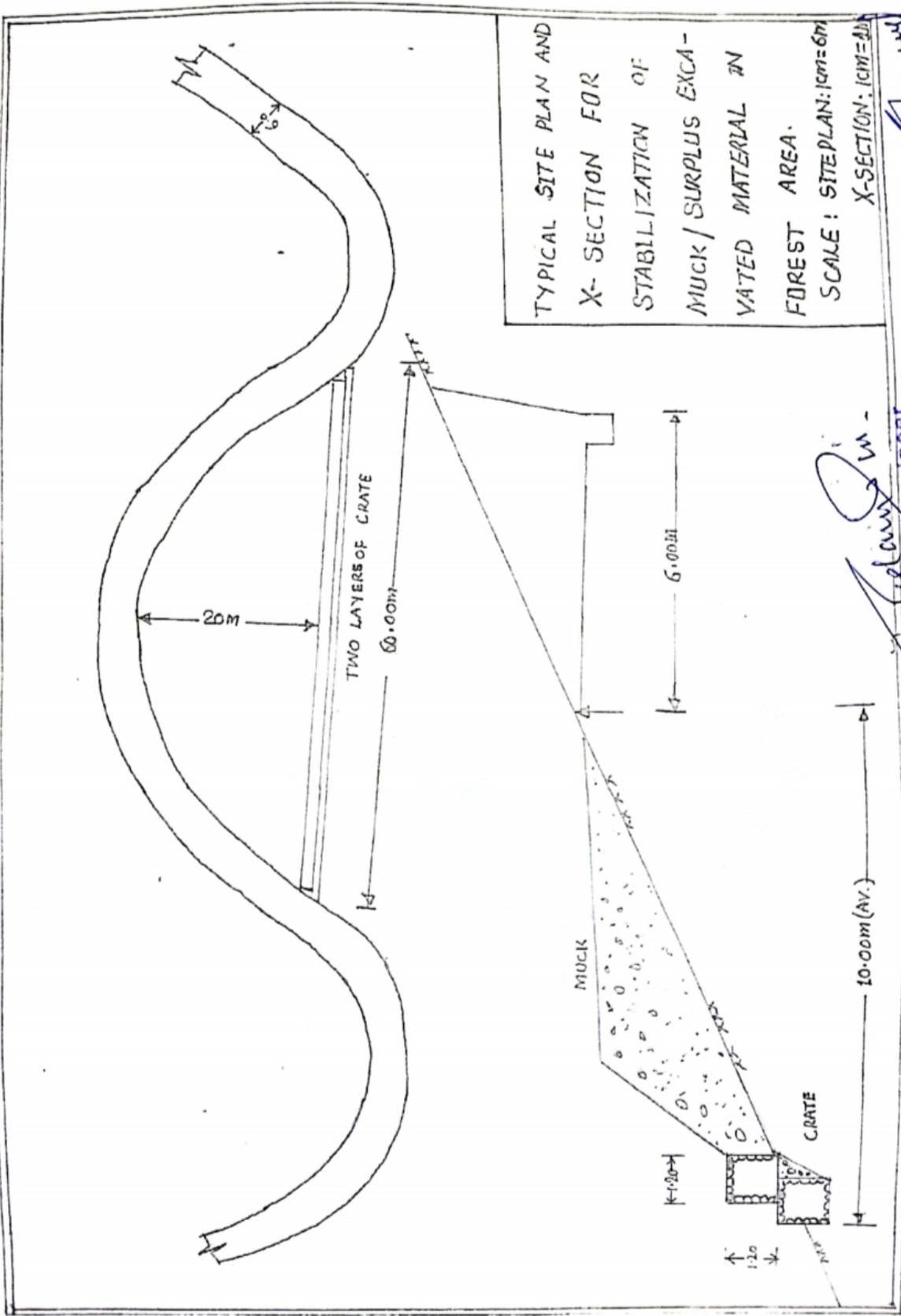
= (Rs. 18295.00 + Rs. 255312.)

= Rs. 273607.00

For 09 Nos. Dumping Yards = 09 Nos. x Rs.273607.00 = Rs. 2462463.00

=Rs. 24.63 Lacs


Executive Engineer
Executive Engineer
PMGSY Division
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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=2M

Signature
 Executive Engineer
 PMGSY Division
 Mahore

Signature
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