

**MODEL PLAN RELATED TO ENGINEERING MEASURES FOR STABILISATION OF
MUCK DUMPING SITES IN FOREST AREA FOR UPGRADATION OF CHANGA TO
SOTI ROAD PACKAGE NO JK04-636, BLOCK BHALLESSA DISTT DODA:**

Typical Estimate for construction of crated wall to protect Dumping Sites of Surplus Muck/
Excavated Material in forest area as per Engineering Measures.

1. Earthwork in excavation for foundation of structures complete as per drawing & technical specification in 70% ordinary soil, 20% ordinary rock, 10% Hard Rock.

Length of crated Wall=30 mtrs

No of Dumping Sites in Forest area=01 Nos

$$\begin{aligned} &= 30\text{mtr} * 1.2\text{mtr} * 1.2\text{mtr} \\ &= 43.20\text{cum} @ \text{Rs } 363/\text{cum} \\ &= \text{Rs } 15681/- \end{aligned}$$

2. For Two layered Crated Walls

Quantity = $02 * 30\text{mtrs} * 1.2\text{mtr} * 1.2\text{mtr} = 144\text{cum}$

Amount = $86.40\text{cum} @ \text{Rs. } 2000/\text{cum}$ (including cost of crates and labour)
= $\text{Rs. } 172800/-$

Total amount for two layered crates for one number of dumping sites(50 mtrs each)
located in forest area = $\text{Rs } (15681+172800)$

= $\text{Rs } 188481/-$


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