

**Model Plan related to Engineering Measures for Stabilization of Muck Dumping Sites in Forest Area for construction of Bhaboor to Jigote road, Package No.:- JK04-54, Stage-I Package number:-JK04-54 Block Doda District 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 foundations of structures complete as per drawing & technical specifications in 70% Ordinary Soil, 20% Ordinary Rock & 10 % Hard Rock  
Length of crated wall = 40.00mtrs Number of dumping sites = 01

$$= 01 * 40.0 \text{ mtr} * 1.40 \text{ mtr} * 0.60 \text{ mtr}$$

$$= 33.60 \text{ cum. @ Rs. 363/cum}$$

$$= \text{Rs. } 12,197/-$$

- 2) For two layered crated wall,

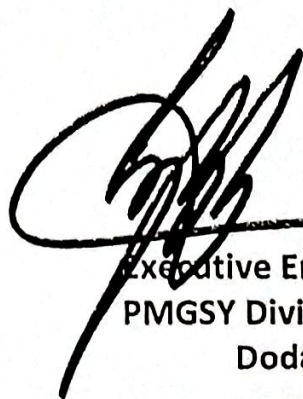
$$\text{Quantity} = 01 * 02 * 40 \text{ mtr} * 1.20 \text{ mtr} * 1.20 \text{ mtr} = 115.20 \text{ cum}$$

$$\text{@ Rs. } 2000/\text{cum (incl. cost of crates)}$$

$$= \text{Rs. } 2,30,400/-$$

$$\text{Total amount for 40.00 mtrs two layered crated wall} = \text{Rs. ( } 12,197/- + 2,30,400/-)$$

$$= \text{Rs. } 2,42,597/-$$

  
Executive Engineer  
PMGSY Division  
Doda

