

OFFICE OF THE EXECUTIVE ENGINEER PWD (R&B) SPECIAL SUB DIVISION DODA

The Divisional Forest Officer,
Forest Division,
Doda.

No. 435-38
Dt. 12-04-2021

Subject :- Proposal for diversion of Forest land for construction of road from Barshalla to Bhalwana via Sisool under(CRF).
Ref.:- Your letter No. DFO/D 3641-42 dated 10-03-2021.

Sir,

With reference to the subject cited above kindly find enclosed here with Model plan related to Engineering measures for stabilization of Muck Dumping in forest area.

Yours Faithfully


Executive Engineer,
PWD (R&B) Spl. Sub Division,
Doda.


Copy to the:-

- 01/- Superintending Engineer PWD (R&B) Circle Doda for favour of information please.
- 02/- Asstt. Executive Engineer East Sub Division Doda for information
- 03/- LAC for reference.

Model Plan related to Engineering Measures for Stabilization of Muck Dumping Sites in Forest Area(Barshalla to Bhalwana via Sisool link road)

Typical estimate for the construction of Crated Wall to protect dumping sites of surplus Muck /Excavated Material in forest as per Engineering Measures.

Taking length of Crated wall = 5×25.00 mtr = 125.00 mtr

Trench Excavation in Dense soil

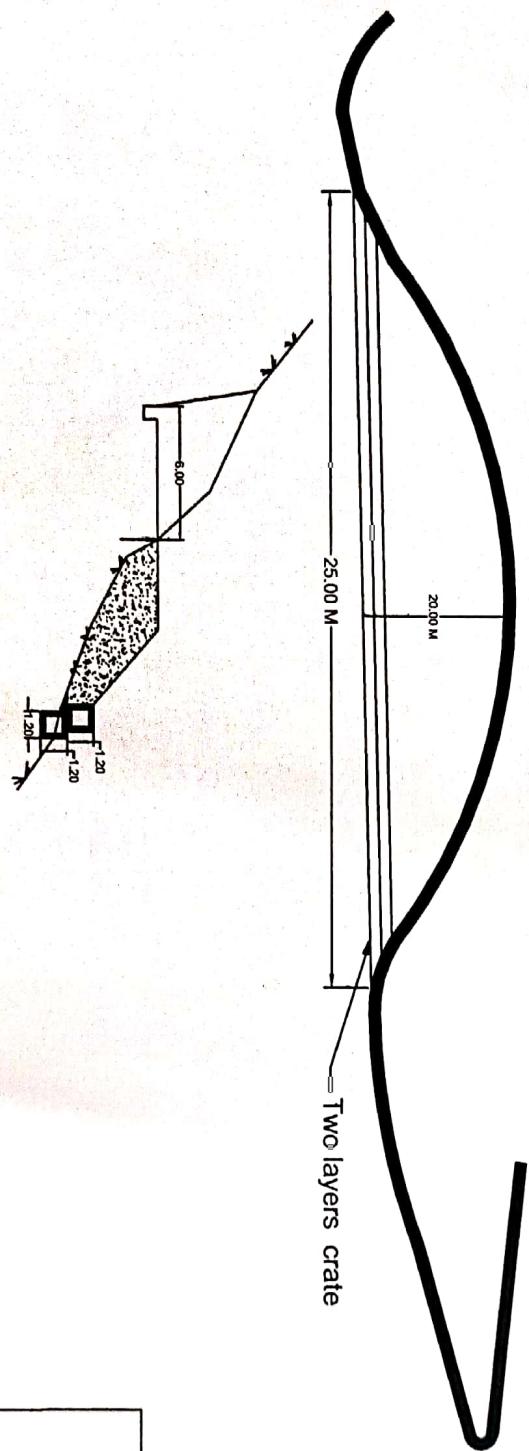
$$\begin{aligned} \text{for structure} &= 1 \times 125.00 \text{ mtr} \times 1.20 \text{ mtr} \times 0.70 \text{ mtr} \\ &= 105.00 \text{ Cum} @ \text{Rs } 120.00/\text{Cum} \\ &= \text{Rs } 12600.00 \end{aligned}$$

For two layer Crated Wall ,

$$\begin{aligned} \text{Quantity} &= 2 \times 125.00 \text{ mtr} \times 1.20 \text{ mtr} \times 1.20 \text{ mtr} = 360.00 \text{ Cum} \\ \text{Amount} &= 360.00 \text{ Cum} @ \text{Rs. } 2000.00 / \text{Cum} (\text{Including cost of} \\ &\quad \text{Crates and labour for handling of available stones}) \\ &= \text{Rs } 720000.00 \\ \text{Total Amount for } 175.00 \text{ mtrs Two Layered Crated Wall} &= \text{Rs.} (12600.00 + 720000.00) \\ &= \text{Rs } 732600.00 \\ \text{Rate per Mtr.} &= \text{Rs } 5860.80 (\text{Say } 5860/\text{Mtr}). \end{aligned}$$

Shyam
Assistant Executive Engineer
P.W.D. (R&B) Sub. Division (East)
Doda

Signature
Executive Engineer
PWD (R&B) Spl. Sub Division
Doda



Typical Site plan and X
Section for Stabilization of
Muck/Surplus Excavated
Material in Forest Area
Scale : Site Plan : 1CM = 6M
X Section : 1Cm = 1M

T. K. P.
Assistant Executive Engineer
P.W.D. (R&B) Sub. Division (East)
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