

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

The Divisional Forest Officer,
Forest Division,
Doda.

No. 431-34
Dt. 12-04-2021

Subject :- Proposal for diversion of Forest land for construction of link road from Gai Dessa to Bhatta via Mangal Thatha and Dewal Kund.
Ref.:- Your letter No. DFO/D 56-57 dated 02-04-2020.

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 West Sub Division Doda for information
- 03/- LAC for reference.

Model Plan related to Engineering Measures for Stabilization of Muck Dumping Sites in Forest Area (for link road from Gai Dessa to Bhatta via Mangal Thatha and Dewal Kund)

Typical estimate for the construction of Crated Wall to protect dumping sites of surplus Muck /E:

Taking length of Crated wall = $5 \times 25.00 \text{ mtr} = 125.00 \text{ mtr}$

Trench Excavation in Dense soil

for structure

$$= 1 \times 125.00 \text{ mtr} \times 1.20 \text{ mtr} \times 0.70 \text{ mtr}$$

$$= 105.00 \text{ Cum @ Rs 120.00/Cum}$$

$$= \text{Rs } 12600.00$$

For two layer Crated Wall ,

Quantity

$$= 2 \times 125.00 \text{ mtr} \times 1.20 \text{ mtr} \times 1.20 \text{ mtr} = 360.00 \text{ Cum}$$

Amount

$$= 360.00 \text{ Cum @ Rs. 2000.00 /Cum (Including cost of Crates and labour for handling of available stones)}$$

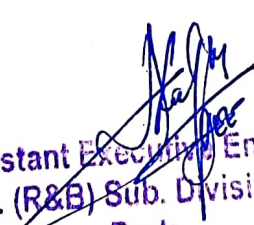
$$= \text{Rs } 720000.00$$

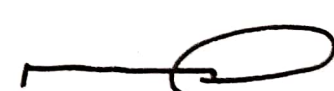
$$\text{Total Amount for 175.00 mtrs Two Layered Crated Wall} = \text{Rs. } (12600.00 + 720000.00)$$

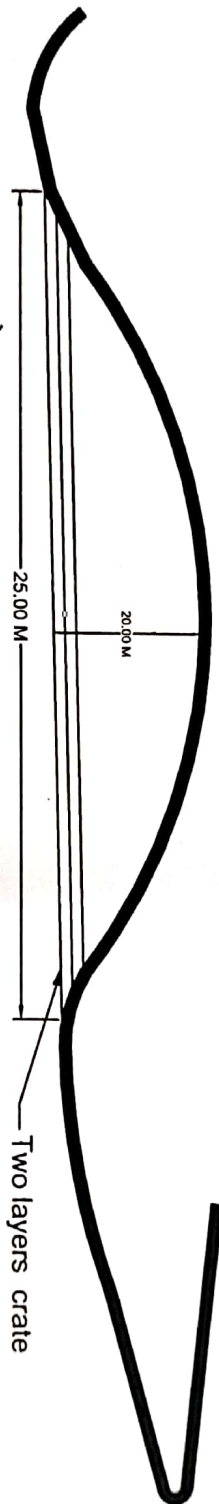
$$= \text{Rs } 732600.00$$

Rate per Mtr.

$$= \text{Rs } 5860.80 (\text{Say } 5860/\text{Mtr}).$$


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


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



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

[Signature]

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

[Signature]

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

[Signature]