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

The Divisional Forest Officer,
Forest Division,
Doda.

No. 425-28.
Dt. 12-04-2021

Subject :- Proposal for diversion of Forest land for construction and upgradation of Bharath to Keshwan link road up Ingwan Gali kim 1st to 13th.

Ref.:- Your letter No. DFO/D 58-59 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 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 .

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 = 7×25.00 mtr = 175.00 mtr

Trench Excavation in Dense soil
for structure

$$= 1 \times 175.00 \text{ mtr} \times 1.20 \text{ mtr} \times 0.70 \text{ mtr}$$
$$= 84.00 \text{ Cum @ Rs } 120.00/\text{Cum}$$
$$= \text{Rs } 10080.00$$

For two layer Crated Wall ,

Quantity

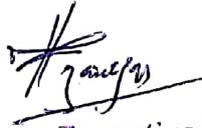$$= 2 \times 175.00 \text{ mtr} \times 1.20 \text{ mtr} \times 1.20 \text{ mtr} = 504.00 \text{ Cum}$$

Amount

$$= 504.00 \text{ Cum @ Rs. } 2000.00 /\text{Cum (Including cost of Crates and labour for handling of available stones)}$$
$$= \text{Rs } 1008000.00$$

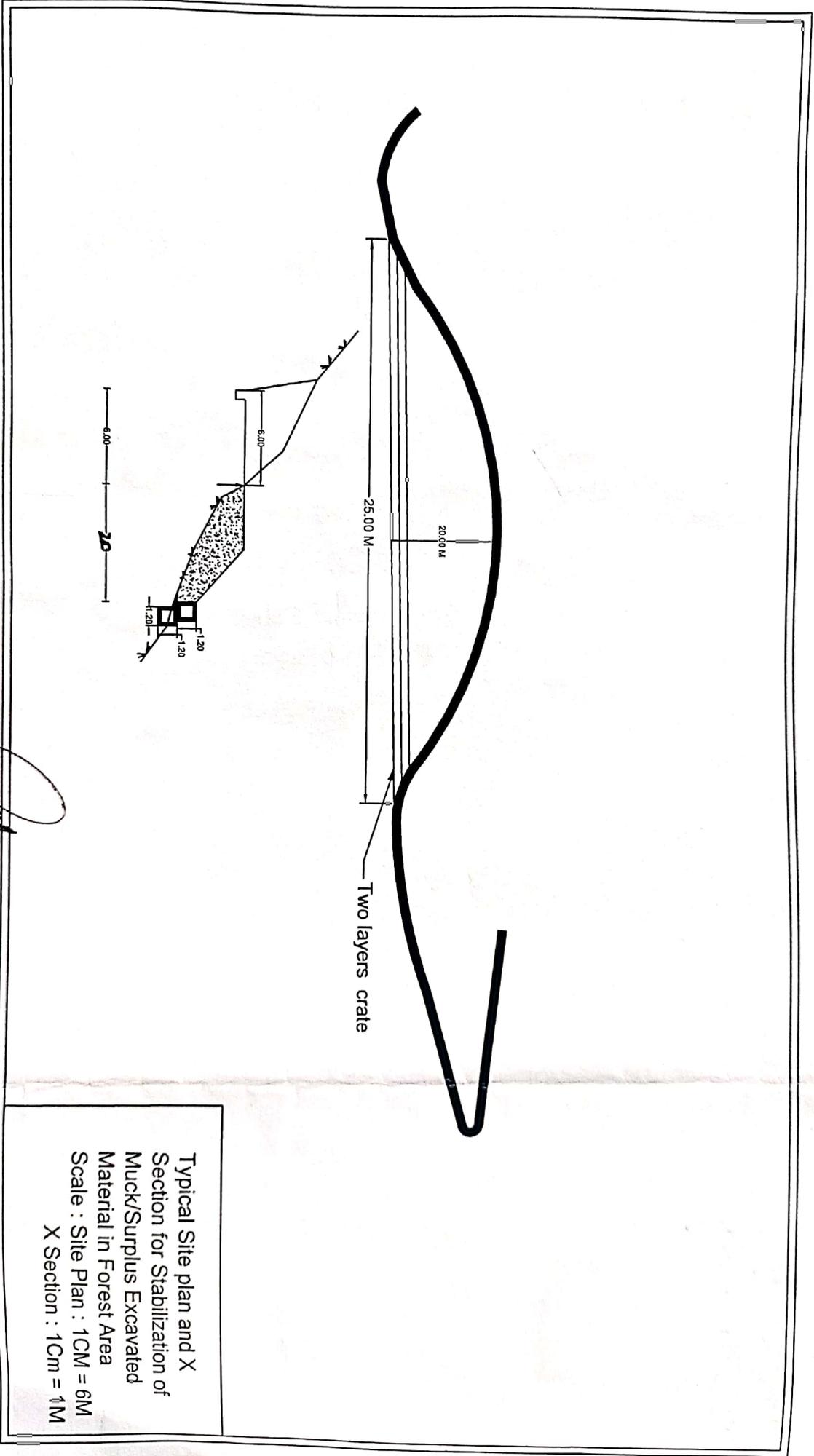Total Amount for 175.00 mtrs Two Layered Crated Wall =   Rs.(10080.00+1008000.00)

= Rs 1018080.00

Rate per Mtr.   = Rs 5817.60 (Say 5818/Mtr).

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

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

25.00 M

20.00 M

Two layers crate

6.00

6.00

20

1.20

1.20

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

Scanned with CamScanner