



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED ESTIMATE FOR MOTORABLE OF DAMAGED ROAD DURING FLOOD' 2020

PLAN HEAD : 3054 (FDR)

YEAR 2020-21

STATE :- BIHAR

DISTRICT :- MADHUBANI

BLOCK :- RAHIKA

Bhachhi to Mahadalit Tola

DETAILED REPORT

TOTAL LENGTH OF ROAD :- 2.000 KM

TOTAL ESTIMATED COST :- ~~0.937~~ Lacs

Rs 81,49,500

SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD, WORKS DIVISION,
MADHUBANI.

Detailed Estimate for Motorable of Road, damaged during
Flood'2020

Block : Rahlka

Division : Madhubani

Circle : Darbhanga

ABSTRACT OF COST

Name of Road : Bhachhi to Mahadalit Tola

Length of Road : 2.000 Km

Estd. Length : 45.000 Mtr.

Sl. NO.	Item of Works	Unit	Quantity	Rate	Amount (Rs.)
1-	Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/I.	CUM	36.09 30.75	1867.76	67407.00 57,434.00
2-	Supply of 85 mm to 100 mm dia Bamboo 4.5 m to 5.5 m long -- do -- do -- E/I.	CUM	78.00	50.50	3939.00
3-	Labour for cutting 85 mm to 100 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	CUM	279.00	26.70	7451.00 7449.00
4-	Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150mm long nails or 38swg G.I. wire including cost of G.I wire or nails complete job as per	CUM	80.00	5.06	405.00
				Total Rs.	69227.00 79202.00
				Add GST @ 12%	8307.00 9501.00
				Add L.Cess @ 1%	692.00 792.00
	Add Seignorage Fee on Brick Bats- 30.75 36.09 m² x Rs. 1063.00 x 10 %				3269.00 3835.00
	Add Seignorage Fee on Babboo - 78 No. x Rs. 50.00 x 10 %				390.00
				Grand Total Rs.	93224.00

सहायक अभियंता, राहका वि, कानपुर-
दरभंगा (सदर) का पत्र :- 02 फरवरी 2021
दि:- 14.04.2021 के उरी कार्यालय में

Junior Engineer
Rahlka.

Assistant Engineer
Rahlka.

Say ₹ 93,700.00
Total Rs. 81,495.00
Executive Engineer
RWD Work Division,
Madhubani

Post-fee to T/A Rs 81,495.00 (Rupees Eighty one -
thousand four hundred ninety five only.)

SuperIntending Engineer
RWD, Works Circle, Darbhanga
06/05/2021

Detailed Estimate for Motorable of Road, damaged during

Name of Road : Bhachhi to Mahadalit Tola

Length of Road : 2.000 KM

Estd. Length : 45.00 Mtr.

Block : Rahika

Division : Madhubani

Circle : Darbhanga

S.N.	ITEM OF WORKS	MEASUREMENT (L x B x H/D)	QUANTITY
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- 1- Providing and laying Brick Bats including -- do -- do -- E/I.

CH: 0.650 Km $1 \times 20.00 \times \frac{1}{2} (2.00 + 1.70) \times 0.45 = 16.65 \text{ m}^3$

CH: 0.950 Km $1 \times 15.00 \times \frac{1}{2} (2.75 + 2.00) \times 0.45 = 10.69$

For Flank Protection Between 0 to 1.250 KM

$6 \times 0.90 \times 0.60 \times 0.50 = 1.62$

$11 \times 0.75 \times 0.45 \times 0.30 = 1.11$

$5 \times 0.60 \times 0.45 \times 0.50 = 0.68$

Total 36.09 m^3

30.75 m^3

- 2- Supply of 62 mm to 75 mm dia Bamboo 4.5 m to 5.5 m long -- do -- do -- E/I.

For Pile - $1 \times 124 / 2 = 62.00 \text{ No.}$

For Runner - $4 \times 20 / 5 = 16.00$

Total 78.00 No.

- 3- Labour for cutting 62 mm to 75 mm dia bamboo piles -- do -- do -- E/I.

CH: 0.650 Km $1 \times 124 \times 2.25 \times 1.00 = 279.00 \text{ M}$

- 4- Labour for fitting and fixing 62 mm to 75 mm dia bamboo runners -- do -- do -- E/I.

$4 \times 20.00 \text{ M} = 80.00 \text{ M}$

Junior Engineer
Rahika.

Assistant Engineer
Rahika.

Executive Engineer
RWD Work Division,
Madhubani.