



बिहार सरकार
ग्रामीण कार्य विभाग
Rural Works Department, Bihar

(12.1)

HEAD-FDR

STATE :- BIHAR

DETAILED PROJECT REPORT

DISTRICT :- Madhubani

CIRCLE :- Darbhanga

BLOCK :- Madhepur

Estimate for Motorable of the Road from L050- Dwalakh To
Musahari under FDR at Block- **Jhanjharpur** in Madhubani
District, **Madhepur**

TOTAL COST FOR MOTORABLE Rs. 20,35,234 Lac.

12.38152

Submitted by:
Executive Engineer
RWD(W) Division, Jhanjharpur

Inspection Report of Flood Damage Work

Name of PIUs :- RWD Works Division, Jhanjharpur

Name of Block :- Jhanjharpur

Name of Road :- L050 - DW9/91ch to Musahar,

A. For Road

1. Damage Location Chainage :-

2. Damage Length :- 104.00m to 98.00m

3. Nature of Damage :-

4. Details of Restoration Works

- Materials being used in restoration works:- Brick bats, Geo Bags, M20 E.C.
- Equipment's/Tools being used in Restoration works:-
- Procedure taken up in Restoration works:- 138.93 cum
- Restored Length:- 104.00m to 98.00m

B. For Bridge

1. Damage Location Chainage :-

2. Damage Length :- 98.00m

3. Nature of Damage :-

4. Details of Restoration Works

- Materials being used in restoration works:- Brick bats, Geo Bags, M20 E.C. Bags
- Equipment's/Tools being used in Restoration works:-
- Procedure taken up in Restoration works:- 138.93 cum
- Restored Length:- 98.00m

C. Requirement Of New CD/ Bridges

i. Name of Road:-

ii. Location/ Chainage:-

iii. Type of CD Work/ Length required:-

Signature of JE/AE/EE

203 E3
20/4/22
RR

12/5/2022

Signature
(Name of Inspection)

Estimate for Motorability of road damaged by flood from L050- Dwalakh To Musahari (HLB) For Year 2021

d :- FDR 2245

Length :-

Item No.	Name of Item	Unit	Quantity As per Appendix - 1	Rate	Amount
	Supplying of NC & EC Bag.	each	290	1043.90	302731.00
	Supplying and laying Geo Bag.	each	2789	179.90	501741.10
3	Providing and filling brick bats in ditches/damaged embankment including cost of brick bats and labour all complete job as per specification and direction of E/L.	Cum	138.93 474.80	2004.96	2,78,549.09 951955.01

1083021.19
 ₹ 17,56,127.11
 12.9962.54
 Add 12 % GST ₹ 2,10,771.25
 10830.21
 Add 1 % L.C ₹ 17,561.27
 138.93
 Add S. Fee (474.80 x 1063.00) x 10 % ₹ 14337.58
 20,171.24
 1032.00
 Total ₹ 1238151.53
 20,35,233.87
 Say ₹ 20,35,234.00
 12 38152.00

Junior Engineer
R.W.D. Works Section,
Madhepur

Assistant Engineer
R.W.D. Work sub Div.
Madhepur

Executive Engineer
R.W.D (W) Division,
Jhanjharpur

अधिकृत अधिकारी, ई. ई. वि०, जयनगर
 कार्यवाही पत्रिका... के द्वारा दिनांक...
 के अन्तर्गत पर। 24...

Technically sanctioned for Rs. 12,38,152.00 (Twelve Lacs
 Thirty eight thousand one hundred and fifty two) only
 (Rupees... Only)

Superintending Engineer
RWD work Circle, Darbhanga

Name of Road :- L050- Dwalakh To Musahari (HLB)

PMGSY	Length :-	Block :- Madhepur
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Appendix - I

1. Supply of NC & EC bag including filling, stitching & laying of sand filled EC bag in NC.

A	$[(10 \text{ m} \times 1 \text{ m}) / (1 \text{ m} \times 1 \text{ m})] \times 5 \text{ Layer} = 50 \text{ Nos. Nylon crate}$
B	$[(21 \text{ m} + 20 \text{ m}) / 2 \times 1 / 1 \text{ m} \times 1 \text{ m}] \times 4 \text{ layer} = 84 \text{ nos.}$
C	$[(9 \text{ m} \times 1 \text{ m}) / 1 \text{ m} \times 1 \text{ m}] \times 4 \text{ layer} = 36 \text{ nos.}$
D	$[(25+23) / 2 \times 1 \text{ m} / 1 \text{ m} \times 1 \text{ m}] \times 5 \text{ layer} = 120 \text{ nos. Total} = 292 \text{ nos.}$

2. Supply of NC & EC bag including filling, stitching & laying of sand filled EC bag in NC.

A	$[(9 \text{ m} \times 7.5 \text{ m}) / 0.54] \times 2 \text{ Layer} = 250 \text{ nos.}$
B	$[(20 \text{ m} \times 16 \text{ m}) / 0.54] \times 2 \text{ Layer} = 1186 \text{ nos.}$
C	$[(116 \text{ m} \times 6 \text{ m}) / 0.54] \times 2 \text{ layer} = 245 \text{ nos.}$
D	$[(23 \text{ m} \times 13 \text{ m}) / 0.54] \times 2 \text{ layer} = 1108 \text{ nos. Total} = 2789 \text{ nos.}$

Measurement for restoration of Embankment and shoulder with Brick Bat
(Measurement in mtr.)

Chainage	Nos.	Length (in Mtr.)	Bidth (in Mtr.)	Thickness (in Mtr.)	Quantity
	21	$\frac{23.00}{18.00}$	$\frac{(2.00 + 1.00)}{2}$	1.10	118.80 cum
	2	$\frac{23.00}{16.00}$	2.00	0.80	51.20 cum
	2	11.00	3.00	0.90	59.40 cum
	1	11.00	$\frac{(1.50 + 2.00)}{2}$	$\frac{(1.50 + 0.90)}{2}$	24.75 cum
	1	13.00	2.50	0.90	29.25 cum
	2	14.00	3.00	0.90	75.60 cum
	2	$\frac{6.00}{16.00}$	$\frac{1.40}{2.50}$	0.90	96.00 cum
	1	6.00	$\frac{3.00}{1.40}$	0.90	19.80 cum
		98.00m		Total qty.	474.80 cum

12/05/2022
JE

Junior Engineer
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Madhepur

Assistant Engineer
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Madhepur

Executive Engineer
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Jhanjharpur

12/05/2022
JE

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