



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2021-22

DISTRICT :- EAST CHAMPARAN
BLOCK :- TETARIA

Estimate for Repair of Road breaches
(Damaged by Flood) for Motorability in P.W.D
Road Madhuban Tetaria Ke Gheghwa To
Baliram Bhagat & Devi Sahni Tola

LENGTH OF ROAD (in Km)- 4.046 KM

ESTIMATED COST -	1.152 1.084	Lacs
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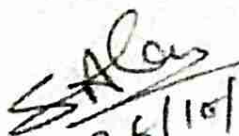
SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
PAKRIDAYAL

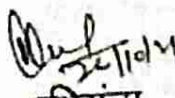
तकनीकी प्रतिवेदन

पथ का नाम:- P.W.D रोड मध्यम गतरीयार्क जेपवा से बलिराम मारा ५०० मीटर
प्रखंड का नाम :- तेहरीया
पथ की लम्बाई :- ५.०५६ किलोमीटर
शीर्ष:- F.D.R
प्राक्कलित राशि:- १.१५२ लाख
योजना शीर्ष :- M.M.G.S.Y

उपरोक्त योजना का प्राक्कलन सचिव, ग्रामीण कार्य विभाग, बिहार पटना के पत्रांक १९३७ दिनांक ०७.०७.२०२१ के द्वारा दिए गए निदेश के आलोक में एवं कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, पकड़ीदयाल के निदेशानुसार स्थल जॉचोपरान्त तैयार किया गया है। माह मई २०२१ से अक्टूबर २०२१ के बीच प्रलयकारी बाढ़ एवं अतिवृष्टि के कारण उक्त पथ में अनेक स्थानों पर कटाव हो गया था जिस कारण पथ से होकर आवागमन बाधित हो गया था। पथ से होकर तत्काल आवागमन चालू करने हेतु क्षतिग्रस्त भाग में तत्काल उपलब्ध हो सकें सामग्री यथा-ईंट टूकड़ा/स्थानीय बालू/ बॉस-बल्ला/ खाली सिमेंट बैग/ ह्यूम पाईप आदि आवश्यकतानुसार उपयोग करने का प्रावधान किया गया है। यह कार्य निदेशानुसार विभागीय रूप से करा दिया गया है।

यह प्राक्कलन अद्यतन अनुसूचित दर पर संवेदक लाभ रहित तैयार किया गया है। जनहित में इसकी स्वीकृति अपेक्षित है।


26/11/21
कनीय अभियंता
ग्रामीण कार्य विभाग,
प्रशाखा, तेहरीया


सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल,.....


23/11/21
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, पकड़ीदयाल।

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTORIBILITY IN P.W.D ROAD MADHUBAN TETARIA KE GHEGHWA TO
BALIRAM BHAGAT & DEVI SAHNI TOLA

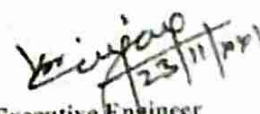
DISTRICT - EAST CHAMPARAN
BLOCK - TETARIA

DIVISION - PAKRIDAYAL
LENGTH OF ROAD (in Km)- 4.046 KM

SL. No.	Item of Work	Amount
	:	0.000 Lacs
1	EARTH WORK	0.970 Lacs
2	BRICK BATS	0.000 Lacs
3	SAND BAGS	0.000 Lacs
4	HUME PIPE	0.970 Lacs
	COST OF RESTORATION	0.055 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.010 Lacs
	ADD LABOUR CESS @ 1%	0.116 Lacs
	ADD GST @ 12%	1.152 Lacs
	TOTAL COST OF RESTORATION OF ROAD	


26/10/21
Junior Engineer


26/10/21
Asstt. Engineer


23/11/21
Executive Engineer

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in P.W.D Road
Madhuban Tetaria Ke Gheghwa To Baliram Bhagat & Devi Sahni Toja

Head - FDR

Sl No.	Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
1		EARTH WORK - Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	cum		As Per Appendix I			0	183.70	0
2		Providing and Labour for laying dry graded Brick Bats including light ramming etc. all complete as per approved design, specification and direction of E/I	cum		As Per Appendix II			55.900	4738.01 1938.87	267042.96 108384.57
3		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I	Nos					0.000	24.45	0.00
4		Providing and laying 1000 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry	RM		0 Nos*2.5m			0.000	6088.50	0.00
5		Providing and laying 600 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry	RM		0 Nos*2.5m			0.000	2545.18	0.00
TOTAL (in Rs.)									204	1084100.00

Junior Engineer,
Rural Works Department,
Works Section, TETARIA

Assistant Engineer,
Rural Works Department,
Works Sub Division, TETARIA

Executive Engineer,
Rural Works Department,
Works Division, PAKRIDAYAL

Post facto T.A.T.S is accorded for Rs. 1,08,400.00

1 crore One lacs Eight thousand

Four hundred only.

S.E. (R.W.D.)
works Circle
Mothari

SEIGNIORAGE FEE CALCULATION SHEET

Item description	unit	Quantity of Consuming Item	Materials Required/ Unit	Unit	Quantity/ Unit	Total Quantity Required	Rate	Amount	Seigniorage Fee (RS)	Final Amount (RS)
Earth Work	Cum	0.00	Earth	Cum	1.0	0.00	34.82	0.00	0.00	0.00
Brick bats	Cum	55.90	Brick bats	Cum	1.0	55.90	987.00	55173.30	5517.33	5517.33
Sand Bags	per bag	0.00	sand	Cum	0.034	0.00	141.85	0.00	0.00	0.00
1000 MM Dia	RM	0.00	Sand at site	Cum	0.04	0.00	175.80	0.00	0.00	0.00
600 MM Dia	RM	0.00	Sand at site	Cum	0.0032	0.00	175.80	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (Rs)										5517.33

Saleh
26/10/21
J.E

Adp
26/10/14

d
23/11
BB

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for
Motorability in P.W.D Road Madhuban Tetaria Ke Gheghwa

Appendix - II					
Measurement for surfacing the Breach with Brick Bats					
Sl. No.	Chainage	Length (M)	Av. Width (M)	Thickness (M)	Quantity (cum)
1	1.000 To 1.900	6.000	2.000	0.900	10.800
2		3.000	1.500	0.800	3.600
3		10.000	1.000	0.550	5.500
4		4.000	5.000	1.800	36.000
		Total			55.90
					0.00
		Deduction for 0Nos old 1000 mm HP at 0 m ($3.142 \times 0.36 \times 0$)			0.00
		Deduction for 0Nos old 600 mm HP at 0 m ($3.142 \times 0.22 \times 0$)			0.00
		Net Quantity of Brick Bats			55.90

S. A. S.
26/10/21
Junior Engineer

[Signature]
26/10/21
Assistant Engineer

[Signature]
23/11
Executive Engineer

Inspection Report For Flood Damage Work

Date :-

1. Name of PIUs- Executive Engineer, RWD. (W.D), Pakridayal.
2. Name of Block – Tetaria
3. Name of Road – P.W.D Road Madhuban Tetaria Ke Gheghwa To Baliram Bhagat & Devi Sahni Tola.

(A) For Road

1. Damage Location/Chainage :- 1.000 To 1.900
2. Damage Length :- 23.00 Meter.
3. Cause of Damage :- Due To Flood 2021/ Heavy Rain.
4. Nature of Damage :- Ditches/Breaches
5. Details of Restoration Work :-
 - (i) Material being used in restoration works :- Bricks Bat/Jhamma Metal/ Rabis/Hume Pipe
 - (ii) Equipment/Tools being used in restoration Works :- J.C.B./Tractor/Trolley/Others
 - (iii) Procedure Taken up in restoration works :- Emergent Repair.
 - (iv) Restored Length :- 23.00 Meter.


27/11/2021
AZ


Signature of Inspecting officer
(Executive Engineer)
R.W.D. (W.D) Dhaka.