



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## PLAN HEAD- FDR YEAR 2021

DISTRICT :- WEST CHAMPARAN  
BLOCK :- BAGAHA-2

Scheme Head - MR OLD (Outof Maintanence)

Estimate for Repair of Road breaches  
(Damaged by Flood) for Motoribility in Barwa  
Khurd To Mangalpur Semra

LENGTH OF ROAD (in Km)- 8.6 KM  
DAMAGED LENGTH (in Km)- 0.76 KM

ESTIMATED COST -	6.112	Lacs
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SUBMITTED BY:  
EXECUTIVE ENGINEER,  
RWD WORKS DIVISION,  
BAGAHA-1

## TECHNICAL REPORT

Name of Road :- Barwa Khund to Mangalpur Semra road,

Name of Block:- Bagaha-2

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs 6.112 Lacs.

This Estimate is prepared for Restoration of ..... Barwa Khund to Mangalpur Semra road, .....

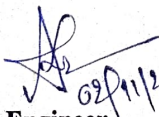
.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, 23 -60 /2020-1937 , Patna, Date- 07.07.2021. Road remains effected from flood about 01 to 02 weeks and heavy amount of water passed through it.

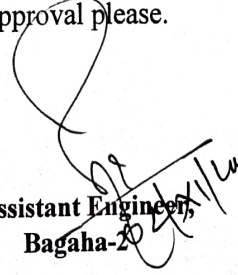
Honorable Chief Minister/Secrtery, Rural Works Department, Bihar, Patna/D.M., West Champaran, Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been issued to fill the gap made by flooded immediately.

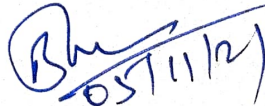
The area surrounding is submerged in water and hence provision of ..... FDR, 4/12 bags ..... bamboo, billing, brick ball ..... has been made to maintain the road damage due to flood/heavy rainfall as per availability of material from available place by tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence the work has been carried out Departmentally and due to this, provision of Contractor profit is not mentioned in the estimate.

In view of above, it is requested to approve the estimate amounting to Rs. 6.112 Lac-please.

Submitted for Administrative Approval please.

  
Assistant Engineer,  
Bagaha-2

  
Assistant Engineer,  
Bagaha-2

  
Executive Engineer  
R.W.D.(W) Division, Bagaha-1



Scheme Head - MR OLD (Out of Maintenance)

## GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR  
MOTORABILITY IN BARWA KHURD TO MANGALPUR SEMRA

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-1

BLOCK - BAGAHA-2

LENGTH OF ROAD (in Km)- 8.6 KM

DAMAGED LENGTH (in Km)- 0.27025 KM

SL. No.	Item of Work	Amount
1	EARTH WORK	0.282 Lacs
2	BRICK BATS	3.662 Lacs
3	SAND BAGS	0.540 Lacs
4	BAMBOOS PILING AND RUNNER	0.601 Lacs
5	HUME PIPE	0.000 Lacs
	<b>COST OF RESTORATION</b>	<b>5.084 Lacs</b>
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.366 Lacs
	ADD LABOUR CESS @ 1%	0.051 Lacs
	ADD GST @ 12%	0.610 Lacs
	<b>TOTAL COST OF RESTORATION OF ROAD</b>	<b>6.112 Lacs</b>

Junior Engineer

Asstt. Engineer

Executive Engineer

Sanctioned  
Technically approved for Rs 6.112 Lacs (Rs Six lacs  
eleven thousand two hundred only including  
G. S. T, L. Cess and S. F.

S.E.

R.W.D. (M) Circle  
Bettiah

of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Barwa Khurd To Mangalpur Semra

FDR

FDR									
Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount	
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			209.7	134.33	28169.001	
Providing and and Labour for consolidation in Jhama metal by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller diver and khalasi making and maintaining diversion light barrier - do - do- danger signal etc. all complete .	cum		As Per Appendix II			178.800	2048.30	366236.04	
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 Mesurment Sheet			0.000	1790.14	0.00	
Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.		As per Mesurment Sheet			2744.000	19.67	53974.48	
Providing and Labour for cutting 62 mm to 75 dia Bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I.	RM		As per Mesurment Sheet			852.000	47.61	40563.72	
Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every virtical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails etc. complete job as per specification and direction of E/I.	RM		As per Mesurment Sheet			726.000	26.85	19493.10	
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	6506.21	0.00	
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	2713.41	0.00	
TOTAL (in Re.)									508436.34

Junior Engineer,  
Rural Works Department,  
Works Section, BAGAHA-2

Assistant Engineer,  
Rural Works Department,  
Works Sub Division, BAGAHA-2

Executive Engineer,  
Rural Works Department,  
Works Division, BAGAHA-1



# 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	209.70	Earth	Cum	1.0	209.70	34.82	7301.75	730.18	730.18
Brick bats	Cum	178.80	Brick bats	Cum	1.2	214.56	1549.51	332462.87	33246.29	33246.29
Sand Bags	per bag	2744.00	sand	Cum	0.034	93.30	286.55	26733.97	2673.40	2673.40
1000 MM Dia	RM	0.00	Sand at site	Cum	0.04	0.00	0.00	0.00	0.00	0.00
600 MM Dia	RM	0.00	Sand at site	Cum	0.0032	0.00	0.00	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (RS)										
										36649.86



Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
Bagaha-1	Construction of bridge of size 2X14.50m over Harha river Bhairaganj to Katauni road of Bagha block in West Champaran Dist.	Under Agreement	30.220	0.100	7.04	Motorable & Traffic Restored.
Bagaha-1	Construction of H.L.R.C.C Bridge over Harha River at Khajuri village in Khajuri to Pakki Kachhi Road Under Bagaha Block.	Under Agreement	56.250	0.180	13.894	Motorable & Traffic Restored.
Bagaha-1	Construction of H.L. R.C.C Bridge in Karballa (Pipra Raiwari Mahuawa PMGSY Road) to Bhangadih Road Under Bagaha Block	Under Agreement	29.000	0.120	9.394	Motorable & Traffic Restored.
Bagaha-1	Mahadev vichauwa tola to prathmik vidhyalay hote hua bairiya khurd tak pitch road nirman	Out of Agreement	1.255	0.165	0.527	Motorable & Traffic Restored.
Bagaha-1	Barba Khuard to Mangalpur Semara	Out of Agreement	9.000	0.760	6.112	Motorable & Traffic Restored.
Bagaha-1	Barwakhurd to Padarkhap Road	Under Agreement	8.400	0.760	5.366	Motorable & Traffic Restored.
Bagaha-1	BAJRA - MARJADPUR	Out of Agreement	3.938	0.175	4.877	Motorable & Traffic Restored.
Bagaha-1	BALMIKINAGAR - JHARHARWA	Out of Agreement	6.191	0.820	9.566	Motorable & Traffic Restored.
Bagaha-1	CHIUTAHA - KADMAHA	Out of Agreement	5.536	0.130	3.541	Motorable & Traffic Restored.
Bagaha-1	GONALI - GORAR	Under Agreement	3.236	0.320	11.172	Motorable & Traffic Restored.
Bagaha-1	MANGALPUR - KUNAI	Out of Agreement	3.372	0.170	3.037	Motorable & Traffic Restored.
Bagaha-1	SIDHAWA - AMWA	Under Agreement	9.018	0.675	19.209	Motorable & Traffic Restored.
Bagaha-1	TARWALIA - PACHGAWAN	Out of Agreement	5.496	0.180	7.205	Motorable & Traffic Restored.
Bagaha-1	Semara to Chiutaha	Out of Agreement	3.050	2.780	31.132	Motorable & Traffic Restored.
Bagaha-1	Harna Tand to Harhar Deva via Moti Raj Road	Out of Agreement	3.200	0.120	7.247	Motorable & Traffic Restored.
Bagaha-1	Bharchhi to Taruanwa PCC Road	Under Agreement	2.000	0.060	3.047	Motorable & Traffic Restored.
Bagaha-1	Mangalpur to Semra	Out of Agreement	5.700	0.270	6.530	Motorable & Traffic Restored.
Bagaha-1	L030-Barwal T03 to Belwa Chakhani (VR10)	Under Agreement	3.900	0.180	3.447	Motorable & Traffic Restored.
Bagaha-1	Harnatar Road to Karmaha P School	Under Agreement	0.500	0.070	0.35	Motorable & Traffic Restored.
Bagaha-1	Mahuawa to Katharwa	Under Agreement	5.030	0.370	17.118	Motorable & Traffic Restored.
Bagaha-1	PWD Road Narwal to Khiriya	Under Agreement	5.700	0.565	6.381	Motorable & Traffic Restored.
Bagaha-1	Kata To Jamira	Under Agreement	8.750	0.090	2.415	Motorable & Traffic Restored.
Bagaha-1	Money Tola to Bairia	Under Agreement	1.000	0.125	7.219	Motorable & Traffic Restored.
Bagaha-1	Chakdahwa Tola to Jhandawa Tola	Under Agreement	2.000	1.900	14.673	Motorable & Traffic Restored.
Bagaha-1	BELAHWA TO AMHAT	Under Agreement	1.000	0.015	0.85	Motorable & Traffic Restored.

# अधीक्षण अभियन्ता का कार्यालय

प्रेषक:-

ग्रामीण कार्य विभाग, कार्य अंचल, बेतिया  
पत्रांक-1325 / बेतिया, दिनांक 14/11/2021 /

अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य अंचल, बेतिया।  
सेवा में,

कार्यपालक अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बेतिया / नरकटियागंज / बगहा-1 / बगहा-2  
विषय:- वर्ष 2021 के बाद में क्षतिग्रस्त पथों को मोटरबुल कराने हेतु किये गये कार्यों  
की जाँच के संबंध में।  
प्रसंग:- वाट्स ऐप के माध्यम से प्राप्त विभागीय निदेश के आलोक में।  
महाशय,

उपर्युक्त विषय के संबंध में कहना है कि वर्ष 2021 में बाद में क्षतिग्रस्त पथों को मोटरबुल कराने हेतु किये गये कार्यों की जाँच हेतु वाट्स ऐप के माध्यम से विभागीय निदेश प्राप्त हुआ है। जिसमें कार्यपालक अभियन्ता एवम् उनके अधीनस्थ पदाधिकारियों के माध्यम आवंटित प्रमंडल का जाँच करना है।

अतः विभागीय आदेश के आलोक में क्षतिग्रस्त पथों के जाँच हेतु अधोहस्ताक्षरी के द्वारा जाँच दल का गठन किया जा रहा है तथा जाँच दल दिनांक-22.11.2021 तक जाँच प्रतिवेदन अधोहस्ताक्षरी के समक्ष प्रस्तुत करेंगे। अन्यथा इसकी सारी जबाबदेही जाँचदल की होगी।

—: जाँच दल तथा उनके जाँच करने का स्थल निम्नलिखित है:-

क्रमांक	जाँच दल	जाँच स्थल	प्रतिवेदन जमा करने की अंतिम तिथि
1	कार्यपालक अभियन्ता, सहायक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया।	ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1 एवम् नरकटियागंज का जाँच कर जाँच प्रतिवेदन समर्पित करेंगे।	22.11.2021
2	कार्यपालक अभियन्ता, सहायक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1।	ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2 का जाँच कर जाँच प्रतिवेदन समर्पित करेंगे।	22.11.2021
3	कार्यपालक अभियन्ता, सहायक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2।	ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया का जाँच कर जाँच प्रतिवेदन समर्पित करेंगे।	22.11.2021

विश्वासभाजन

अधीक्षण अभियन्ता  
ग्रा0का0वि0, का0अ0, बेतिया।



# कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया

पत्रांक-..... / बेतिया दिनांक..... /

प्रेषक:-

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बेतिया।

सेवा में,

अधीक्षण अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, बेतिया।

विषय :-

कार्य प्रमंडल, बगहा-1 में वर्ष 2021 के बाद में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जाँच के संबंध में।

प्रसंग:-

भवदीय पत्रांक-1325/बेतिया, दिनांक-14.11.2021 एवम् अभियन्ता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-मु0अ0-4(मु0) विविध (कार्य)-23-291 /2019-4589, दिनांक-13.11.2021।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अद्योहस्ताक्षरी द्वारा सहायक अभियन्ता के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, बगहा-1 द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है। कराया गया मोटरेबुल कार्य संतोषजनक है।

सादर सूचनार्थ एवम् अग्रेंत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

*Sole*

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापांक- 3246(अनु0) / बेतिया, दिनांक- 25/11/2021 /

प्रतिलिपि:- कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1 को सूचनार्थ सम्प्रेषित।


*25.11.21*

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बेतिया।

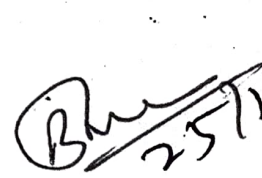


## घोषणा-पत्र

1. इस प्राक्कलन को असंबद्ध कार्यपालक अभियन्ता से जाँच करा ली गयी है।
2. अस्थायी पुनर्स्थापन के सामग्री का समायोजन स्थायी पुनर्स्थापन के प्राक्कलन में कर ली गयी है।

  
25/11/2021

सहायक अभियन्ता / कम्प्यूट अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-1

  
25/11/2021

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-1