

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1**

पत्रांक...../ बगहा-1, दिनांक

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल बगहा-1

सेवा में,

अधीक्षक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बेतिया।

विषय :- कार्य प्रमंडल बगहा-2 में वर्ष 2021 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जांच के संबंध में।

प्रसंग :- भवदीय पत्रांक 1325/बेतिया, दिनांक 14.11.2021 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार पटना का पत्रांक-मु0अ0-4(मु0) विविध (कार्य)-23-291/2019-4589, दिनांक 13.11.2021

महाशय,

उपर्युक्त विषयक एवं प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-2 द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अद्योहस्ताक्षरी द्वारा सहायक अभियंता के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, बगहा-2 द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है, एवं यातायात चालु है।

सादर सूचनार्थ एवं अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन

सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बगहा-1

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1

ज्ञापांक 3233/बगहा-1, दिनांक 25.11.2021

प्रतिलिपि :- कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2 को सूचनार्थ सम्प्रेषित।

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2021-22

DISTRICT :- WEST CHAMPARAN

BLOCK :- BHITAH

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Kariya Basauli East tola To Kariya Basauli Bichali tola

LENGTH OF ROAD (in Km)- 0.7 KM

ESTIMATED COST - 14.131 Lacs

SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGHAHA-2

TECHNICAL REPORT

Name of Road :- *Keriyā Bgsauli east to Keriyā Bgsauli Bichali to*

Name of Block:- Bhitaha

Name of Division:- Bagaha-2

Name of District:- West Champaran

Estimated Cost:- *14.131 Lacs*

Restoration Length:- *0.110 km*

This Estimate is prepared for Restoration of ... *Keriyā Bgsauli east to Keriyā Bgsauli Bichali to*

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, ज्ञापांक:- मु0अ0 -4 (मु0) विविध (कार्य) 23 -60 /2020-1937 पटना, दिनांक 07.07.2021. Road remains effected from flood about 01 to 02 weeks and heavy amount of water passed through it.

Honorable Chief Minister/Secretary, 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 ... *Sand bags, Cement, brick bats and Hume pipe*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. *14.131 Lacs* please.

Submitted for *Administrative* Technical Approval please.

[Signature]
Junior Engineer,
Bhitaha

[Signature]
Assistant Engineer,
Bhitaha

[Signature]
Executive Engineer
R.W.D.(W) Division, Bagaha-2

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (भा0प्र0से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय-

बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने
के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता
बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग
से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले
तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण
अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से
जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता
होगी।

विश्वासभाजन
(पंकज कुमार पाल)
सचिव

पटना, दिनांक 07/7/2021

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

प्रतिलिपि:- सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें
निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र
यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

सचिव

पटना, दिनांक 07/7/2021

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

प्रतिलिपि:- सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण
करने हेतु प्रेषित।

सचिव

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR MOTORIBILITY IN KARIYA BASAULI EAST TOLA TO KARIYA BASAULI BICHALI TOLA

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-2

BLOCK - BHITAH

LENGTH OF ROAD (in Km)- 0.7 KM

SL. No.	Item of Work	Amount
1	EARTH WORK :	0.103 Lacs
2	BRICK BATS :	10.421 Lacs
3	SAND BAGS :	0.198 Lacs
4	BAMBOOS PILING AND RUNNER :	0.000 Lacs
5	HUME PIPE :	0.972 Lacs
	COST OF RESTORATION :	11.694 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	0.917 Lacs
	ADD LABOUR CESS @ 1% :	0.117 Lacs
	ADD GST @ 12% :	1.403 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	14.131 Lacs

[Signature]
Junior Engineer

[Signature]
Asstt. Engineer

[Signature]
Executive Engineer

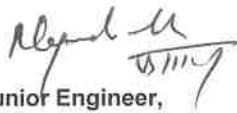
Technically sanctioned
F/A accorded for Rs 14.131 lacs (Rupees
fourteen lacs thirteen thousand & one hundred) by


[Signature]
S.E.
R.W.D. (W) Circle
Bettiah


Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Kariya Basauli East tola To Kariya Basauli Bichali tola

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			77.03	134.33	10347.44
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			486.380	2142.53	1042083.74
3		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 Mesurment Sheet			0.000	1790.14	0.00
4		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.		As per Mesurment Sheet			1005.000	19.67	19768.35
5		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			0.000	47.61	0.00
6		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			0.000	26.85	0.00
7		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		6 Nos*2.5m			15.000	6478.89	97183.35
8		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	2702.48	0.00
TOTAL (in Re.)										1169382.88


Junior Engineer,
Rural Works Department,
Works Section, BHITAH


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


Executive Engineer,
Rural Works Department,
Works Division, BAGAH

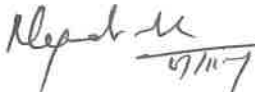
Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability
in Kariya Basauli East tola To Kariya Basauli Bichali tola

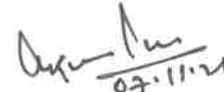
Appendix - I

Measurement for surfacing the Breach with EARTH WORK

Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1		1	15.00	4.00 Av.	1.00 Av.	60.00
2		1	17.00	4.00 Av.	0.50 Av.	34.00
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
Total						94.00
Deduction for 6Nos old 1000 mm HP at 15 m ($3.142 \times 0.36 \times 15$)						-16.97
Deduction for 0Nos old 600 mm HP at 0 m ($3.142 \times 0.22 \times 0$)						0.00
Net Quantity of Earth Work -						77.03


Junior Engineer


Asistant Engineer


Executive Engineer


Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Kariya Basauli East tola To Kariya Basauli Bichali tola

Appendix - II

Measurement for surfacing the Breach with Brick Bats

Sl. No.	Chainage	Nos	Length (M)	Av. Width (M)	Thickness (M)	Quantity (cum)
1	1st km	1	6.00	5.00 Av.	1.00 Av.	30.00
2		1	2.00	1.00 Av.	0.30 Av.	0.60
3		1	3.00	1.00 Av.	0.35 Av.	1.05
4		2	5.00	3.00 Av.	0.35 Av.	10.50
5		1	5.00	4.00 Av.	1.00 Av.	20.00
6		1	15.00	4.00 Av.	1.00 Av.	60.00
7		1	10.00	4.00 Av.	0.60 Av.	24.00
8		1	10.00	4.00 Av.	0.65 Av.	26.00
9		1	17.00	5.00 Av.	1.00 Av.	85.00
10		1	2.00	4.00 Av.	0.40 Av.	3.20
11		1	4.00	4.00 Av.	0.30 Av.	4.80
12		1	5.00	4.00 Av.	0.30 Av.	6.00
13		1	4.00	4.00 Av.	0.30 Av.	4.80
14		1	2.00	4.00 Av.	0.30 Av.	2.40
15		1	15.00	4.00 Av.	3.75 Av.	225.00
Total						503.35
Deduction for 6Nos old 1000 mm HP at 15 m ($3.142 \times 0.36 \times 15$)						-16.97
Deduction for 0Nos old 600 mm HP at 0 m ($3.142 \times 0.22 \times 0$)						0.00
Net Quantity of Brick Bats						486.38


Junior Engineer


Assistant Engineer


Executive Engineer

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	77.03	Earth	Cum	1.0	77.03	34.82	2682.18	268.22	268.22
Brick bats	Cum	486.38	Brick bats	Cum	1.2	583.66	1549.51	904380.81	90438.08	90438.08
Sand Bags	per bag	1005.00	sand	Cum	0.034	34.17	286.55	9791.41	979.14	979.14
Total Amount of seigniorage fee in construction (Rs)										91685.44

Marked
07/11/21

07/11/21

07/11/21



Latitude: 26.990426
Longitude: 84.186855
Elevation: 85.5949 m
Accuracy: 10.8 m
Time: 06-21-2021 11:31
Note: naminaha se karahiya basanuli

Powered by Mosaic



Latitude: 26.990468
Longitude: 84.186958
Elevation: 83.3512 m
Accuracy: 9.6 m
Time: 06-21-2021 11:28
Note: naminaha se karahiya basanuli

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Handwritten signature in blue ink, possibly reading "Kalyan" or similar.



Latitude: 26.993462
Longitude: 84.183266
Elevation: 85.8246 m
Accuracy: 4.1 m
Time: 09-10-2021 10:21
Note: Kariya Bansauli East Toile To karahiya Bansauli Bichag Toile



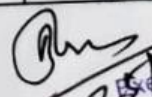
Latitude: 26.990339
Longitude: 84.186831
Elevation: 85.0412 m
Accuracy: 8.3 m
Time: 06-21-2021 10:09
Note: naminaha se karahiya

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Road Detail of FDR 2021
Rural Works Division, Bagaha-2

Sl. No.	Block	Road/Bridge Name	Road Length (In Km)	Damage Part Length During Flood	Estimated Amount (In Lac)
1	Bhitaha	Nawgawa Bridge - PP Tatbandh	6.000	0.050	4.99200
2	Bhitaha	MASZIDYATOLA - DIHIPAKARI	3.992	0.040	5.17800
3	Bhitaha	L029-Khairatola to santpatti (VR13)	2.183	0.040	6.88000
4	Bhitaha	Rehda Bazar to Chilvaniya	1.870	0.050	1.84100
5	Bhitaha	Pmgsy ROAD to Baluhi Ansari Tola	1.955	0.045	3.17700
6	Bhitaha	Pmgsy ROAD to Rupahi Sc Tola	1.975	0.080	14.04200
7	Bhitaha	Muradih P. P. Tatbandh Road to Ghusrri Tola	0.280	0.035	4.00200
8	Bhitaha	Muradih Tatbandh Road to Rehri Nawka Tola	1.180	0.065	12.31600
9	Bhitaha	Karaihiya Basauli East tola to Karaihiya Basauli Bichla tola	0.700	0.110	14.13100
10	Madhubani	L044-Daunaha to murgahwa (VR29)	3.700	0.062	2.75700
11	Madhubani	L050-Barwa to Barwa Kharsal	1.450	0.075	3.89500
12	Madhubani	L066-Dahwa Madhubani PWD Road to Sohagi Barwa Mallah toli	5.973	0.110	0.99100
13	Madhubani	Madhua PMGSY Road to Nuniyapatti Barki Tola	1.210	0.035	1.59900
14	Madhubani	Mauvgaha PMGSY Road to Ghevarahiya Anusuchit Tola	0.965	0.048	2.95900
15	Madhubani	Tamkuha Brahmsthan to Tamkuha Dubey Tola	0.400	0.025	1.00200
16	Madhubani	Madhubani To Jolha Toli	0.690	0.040	7.82600
17	Madhubani	NONIYATOLA - NAWAKATOLA	4.760	0.050	0.23900
18	Piprasi	L022-Dahawa Madhubani P W D Road to bhagarawa (VR4)	1.625	0.040	3.17000
19	Piprasi	P.W.D Road to Bhaguva	2.365	0.035	6.43300
20	Piprasi	Lachhnahi South tola to Bisphatva tola	1.850	0.118	1.51100
21	Piprasi	Pipariya to Majhariya Khas	1.665	0.060	0.29100
22	Thakrahan	BELWARIPATTI - SISWANIA THAKARAHA ROAD	4.669	0.075	3.38900
23	Thakrahan	Thakraha Tola to Thakraha High School	1.165	0.085	4.08100
24	Thakrahan	PMGSY Road to Gadiyani Tola	0.730	0.055	1.07600
25	Thakrahan	L030-Harpur Tola to Puraina (VR10)	9.551	0.100	21.02600
26	Thakrahan	Nirmal Chaudhari Tola to Tar Tola	1.765	0.100	6.02800
27	Thakrahan	Nagina Yadav Tola to Khenar Tola	1.985	0.110	5.16000
28	Thakrahan	PWD Road to Motipur West Tola	1.870	0.215	15.09200
29	Thakrahan	Dom Tola to Thakraha Bajari tola	0.660	0.100	2.00300
30	Thakrahan	THAKARAHA - NAWAKA TOLA	2.334	0.050	5.08800
31	Thakrahan	Panchayat government bhavan to Shera tola	2.700	0.150	6.50200
Total			68.217	2.253	168.67700
32	Bhitaha	Betia jila antargat bhitaha prakhand ke rehara gram me khap tola jamunia ke bich tin feriya bhapsa ke najdik nala par uch astariye (3x18.75) pul nirman.		0.150	5.12000
Grand Total			68.217	2.403	173.79700


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