

**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,

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

विषय :- कार्य प्रमंडल बगहा-2 में वर्ष 2021 के बाढ़ में क्षतिग्रस्त पथों को मोटरबुल कराने हेतु किये गये कार्यों की जाँच 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 मोटरबुल 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 Khaira tola To Santpatti

LENGTH OF ROAD (in Km)- 2.183 KM

ESTIMATED COST -	6.880	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGHA-2

TECHNICAL REPORT

Name of Road :- *Kheirs tols to Santpatti*

Name of Block:- Bhitaha

Name of Division:- Bagaha-2

Name of District:- West Champaran

Estimated Cost:- *Rs. 6.880*
7.995 lacs

Restoration Length:- *0.040 km*
0.040 km approx

This Estimate is prepared for Restoration of *Kheirs tols to Santpatti*

.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, ज्ञापक:- 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 *earth and* *borich lat*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. *6.880* *7.995 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

ज्ञापक- 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 कार्रवाई सुनिश्चित करेंगे।

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

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

पटना, दिनांक 07/7/2021

सचिव

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR MOTORIBILITY IN KHAIRA TOLA TO SANTPATTI

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-2

BLOCK - BHITAHA

LENGTH OF ROAD (in Km)- 2.183 KM

SL. No.	Item of Work	Amount
1	EARTH WORK :	0.471 Lacs
2	BRICK BATS :	5.206 Lacs
3	SAND BAGS :	0.000 Lacs
4	BAMBOOS PILING AND RUNNER :	0.000 Lacs
5	HUME PIPE :	0.000 Lacs
	COST OF RESTORATION :	5.678 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	0.464 Lacs
	ADD LABOUR CESS @ 1% :	0.057 Lacs
	ADD GST @ 12% :	0.681 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	6.880 Lacs

[Signature]
07/11/24
Junior Engineer

[Signature]
07.11.24
Asstt. Engineer

[Signature]
07.11.24
Executive Engineer

*Technically sanctioned accorded for Rs 6.880 lacs (Rupees
Six lacs eighty eight thousand only).*

[Signature]
25/11/24
S.E.
R.W.D. (W) Circle
Bettiah

Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Khaira tola To Santpatti

Head - FDR

Head - FDR										
SI 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			351.00	134.33	47149.83
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			243.000	2142.53	520634.79
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			0.000	19.67	0.00
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 virtual 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		0 Nos*2.5m			0.000	6478.89	0.00
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.)										567784.62

Nepal 07/11/21
Junior Engineer,
Rural Works Department,
Works Section, BHITAH

9/11/21
Assistant Engineer,
Rural Works Department,
Works Sub Division, BHITAH

13.11.21
Executive Engineer,
Rural Works Department,
Works Division, BAGAH-2

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	351.00	Earth	Cum	1.0	351.00	34.82	12221.82	1222.18	1222.18
Brick bats	Cum	243.00	Brick bats	Cum	1.2	291.60	1549.51	451837.12	45183.71	45183.71
Sand Bags	per bag	0.00	sand	Cum	0.034	0.00	286.55	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (Rs)										46405.89

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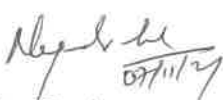
03.11.17

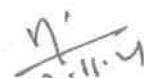
03.11.17

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability
in Khaira tola To Santpatti

Appendix - I						
Measurement for surfacing the Breach with EARTH WORK						
Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1		1	40.00	4.50 Av.	1.95 Av.	351.00
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
Total						351.00
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 Earth Work -						351.00


Junior Engineer


Asistant Engineer


Executive Engineer

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for
Motorability in Khaira tola To Santpatti

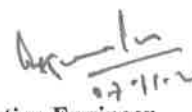
Appendix - II

Measurement for surfacing the Breach with Brick Bats

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	40.00	4.50 Av.	0.95 Av.	171.00
2	Re-damage	1	40.00	4.50 Av.	0.40 Av.	72.00
3						
4						
5						
6						
7						
8						
			Total			243.00
Deduction for 0Nos old 1000 mm HP at 0 m (3.142*0.36*0)						0.00
Deduction for 0Nos old 600 mm HP at 0 m (3.142*0.22*0)						0.00
Net Quantity of Brick Bats						243.00


Junior Engineer


Asistant Engineer


Executive Engineer



समय: 20-08-2021 14:41
नोट: khara tola to santpati



Latitude: 26.921605
Longitude: 84.112227
Elevation: 127.55±13 m
Accuracy: 1.9 m
Time: 08-29-2021 16:35
Note: khaira tola to santpati



समय: 20-08-2021 14:42
नोट: khara tola to santpati



Latitude: 26.921546
Longitude: 84.112376
Elevation: 127.56±11 m
Accuracy: 3.1 m
Time: 08-29-2021 16:36
Note: khaira tola to santpati



अक्षांश: 26.921615
देशान्तर: 84.112292
उन्नयन: 120.73±3 m
राटीकडा: 1.4 m
समय: 19-08-2021 14:54
नोट: khara tola to santpati



Latitude: 26.921883
Longitude: 84.112347
Elevation: 125.79±14 m
Accuracy: 3.2 m
Time: 08-29-2021 16:36
Note: khaira tola to santpati

मेकल
जात

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बक-६
०२-११-२१