



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR **YEAR 2021-22**

DISTRICT :- WEST CHAMPARAN
BLOCK :- Lauriya

Estimate for Repair of Road breaches
(Damaged by Flood) for Motorability in Barwa
To Nawka Tola

LENGTH OF ROAD (in Km) - 0.855 KM

ESTIMATED COST -	17.580	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGHAHA-1

TECHNICAL REPORT

Name of Road :- Barwa to Nawka Tola

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 17.580 Lacs

This Estimate is prepared for Restoration of Construction of Barwa to Nawka Tola 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/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 Bricks Bats/ Earth Work/Sand Filling/ Bamboo Pilling/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. 17.580 Lacs please.

Submitted for Administrative Approval please.

July
05-11-2021

Senior Engineer,
Lauriya

BM
05/11/21

Assistant Engineer,
Lauriya

05/11/21

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

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTORIBILITY IN BARWA TO NAWKA TOLA

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-I

BLOCK - Lauriya

LENGTH OF ROAD (in Km)- 0.855 KM

SL. No.	Item of Work	Amount
1	EARTH WORK	0.424 Lacs
2	BRICK BATS	13.565 Lacs
3	SAND BAGS	0.070 Lacs
4	BAMBOOS PILING AND RUNNER	0.036 Lacs
5	HUME PIPE	1.246 Lacs
	COST OF RESTORATION	15.341 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.245 Lacs
	ADD LABOUR CESS @ 1%	0.153 Lacs
	ADD GST @ 12%	1.841 Lacs
	TOTAL COST OF RESTORATION OF ROAD	17.580 Lacs

[Signature]
05/11/21

Junior Engineer

[Signature]
05/11/21

Asstt. Engineer

[Signature]
05/11/21

Executive Engineer

Technically ^{Sanctioned} approved Rs. 17.580 lacs (Rupees Seventeen lacs fifty eight thousand) only.

[Signature]
25/11/21

S.E.
R.W.D (W) Circle
Betuah

SEIGNIORAGE FEE CALCULATION SHEET

Item dextription	unit	Quantity of Consuming Item	Materials Required/ Unit	Unit	Quantity/ Unit	Total Quantity Requeired	Rate	Amount	Seigniorage Fee (RS)	Final Amount (RS)
Earth Work	Cum	315.33	Earth	Cum	1.0	315.33	34.82	10979.79	1097.98	1097.98
Brick bats	Cum	662.27	Brick bats	Cum	1.0	662.27	347.72	230284.52	23028.45	23028.45
Sand Bags	per bag	324.00	sand	Cum	0.034	11.02	347.72	3830.48	383.05	383.05
Total Amount of seginorage fee in construction (Rs)										24509.48

for

*BY 5/11/21
AZ*

*Plm
05/11/21*

अधीक्षण अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य अंचल, बेतिया

पत्रांक- 1325 / बेतिया, दिनांक 14/11/2021

प्रेषक:-

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 मोटरेबुल 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 मोटरेबुल 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 बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल करने 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)-23-29 / 2019-4589, दिनांक-13.11.2021।

महाराज,

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

सादर सूचनार्थ एवम् अग्रतः कार्यवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

50/1

कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापांक- 3246(अनु) / 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।

Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
Bishunpura to Brahman Tola	Under Agreement	1.010	0.120	6.308	Motorable & Traffic Restored.
PMGSY Telpur to Inarbarwa Litya	Under Agreement	2.545	0.235	9.886	Motorable & Traffic Restored.
Parsauni (Pandey Nadi) PMGSY to Parsauni Tola	Under Agreement	0.905	0.125	3.257	Motorable & Traffic Restored.
PMGSY Paroraha to Maltolwa Yadav Tola	Under Agreement	2.205	0.115	4.127	Motorable & Traffic Restored.
PWD Road to Satwariya South	Under Agreement	0.605	0.055	1.705	Motorable & Traffic Restored.
pmgsy Road to Noniwa Tola Laker	Under Agreement	1.010	0.325	12.888	Motorable & Traffic Restored.
Telpur to Islampur	Under Agreement	1.670	0.090	2.59	Motorable & Traffic Restored.
Paroraha to Lohar Tola	Under Agreement	0.755	0.044	6.411	Motorable & Traffic Restored.
NH Road to Prausa tola	Under Agreement	0.885	0.025	1.45	Motorable & Traffic Restored.
L066 Parsauni Dih PMGSY Road to Deurwa via Pandey Patti	Under Agreement	3.250	0.067	2.72	Motorable & Traffic Restored.
Sathi Mukhya Path to Bahuarwa Bhedi Hari Tola	Under Agreement	1.600	0.220	5.013	Motorable & Traffic Restored.
Siswaniya To Mahadalit Bastee	Under Agreement	1.775	0.070	5.98	Motorable & Traffic Restored.
PMGSY Lachnauta Path Vridhavan Harizan Tola (Dera Tola)	Under Agreement	1.120	0.030	2.074	Motorable & Traffic Restored.
Paroraha To Badai Tola Paroraha	Under Agreement	0.665	0.130	1.778	Motorable & Traffic Restored.
Barwa to Nawka Tola	Under Agreement	0.855	0.166	17.58	Motorable & Traffic Restored.
pmgsy Road at Ganauli to Maal Tola	Under Agreement	1.300	0.107	7.412	Motorable & Traffic Restored.
Khairatia Yoga Pati to Yadu Rai Tola Barwa	Under Agreement	1.500	0.093	8.736	Motorable & Traffic Restored.
Ram Parsauna to Malahi Tola	Under Agreement	1.000	0.180	14.318	Motorable & Traffic Restored.
Dhobani Tola to Pandey Tola	Under Agreement	2.165	0.582	12.384	Motorable & Traffic Restored.
Baswariya to Baswariya North Tola	Under Agreement	0.770	0.100	2.625	Motorable & Traffic Restored.
PWD Chanpatia - Bashantpur	Under Agreement	2.500	0.190	8.849	Motorable & Traffic Restored.
PWD Bagha - Dumara	Under Agreement	6.500	0.072	24.393	Motorable & Traffic Restored.
PWD Bagha Siswaniya - Kataiya	Out of Agreement	4.100	0.171	15.296	Motorable & Traffic Restored.
PWD Narkatiyaganj To Mathiya	Under Agreement	4.210	0.150	9.018 -	Motorable & Traffic Restored.
PWD Bettiah-Narkatiyaganj road, Gulab nagar to Daniyal	Out of Agreement	7.250	0.650	36.553	Motorable & Traffic Restored.
Bahurwa Bherihari tola to Ramparsauna tak	Out of Agreement	1.750	0.350	9.809	Motorable & Traffic Restored.
PWD Ramnagar Lauriya To Sisahahi Road	Under Agreement	3.550	0.380	14.381	Motorable & Traffic Restored.

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।


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


कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1

Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Barwa To Nawka Tola

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			315.33	134.33	42358.2789
2		Providing and Labour for laying dry graded Brick Bats by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller driver and khalasi etc. all complete as per approved design, specification and direction of E/I.	Cum		As Per Appendix II			662.27	2048.30	1356527.64
3		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.					324	21.75	7047.00
4		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					48.40	47.61	2304.32
5		Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every vertical 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					48.60	26.85	1304.31
6		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		8 Nos*2.5m			20.00	6227.55	124551.00
7		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			0.00	2601.94	0.00
TOTAL (in Re.)										1534093.15

Satish
05-11-2021
Junior Engineer

AS
05/11/21
Asistant Engineer

Bhar
05/11/21
Executive Engineer