



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 PWD
Bettiah-Narkatiaganj road, Gulab nagar To
Daniyal

LENGTH OF ROAD (in Km)- 7.25 KM

ESTIMATED COST -	36.553	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGAHA-1

TECHNICAL REPORT

Name of Road :- PWD Bettiah-Narkatiaganj road, Gulab nagar to Daniyal

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 36.553 Lacs

This Estimate is prepared for Restoration of Construction of PWD Bettiah-Narkatiaganj road, Gulab nagar to Daniyal 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 Piling/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. 36.553 Lacs please.

Submitted for Administrative Approval please.


05-11-2021

Senior Engineer,
Lauriya


Assistant Engineer,
Lauriya


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 PWD BETTIAH-NARKATIAGANJ ROAD, GULAB NAGAR
TO DANIYAL

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-1

BLOCK - Lauriya

LENGTH OF ROAD (in Km)- 7.25 KM

SL. No.	Item of Work	Amount
1	EARTH WORK :	3.498 Lacs
2	BRICK BATS :	26.593 Lacs
3	SAND BAGS :	0.715 Lacs
4	BAMBOOS PILING AND RUNNER :	0.240 Lacs
5	HUME PIPE :	0.625 Lacs
	COST OF RESTORATION :	31.671 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	0.764 Lacs
	ADD LABOUR CESS @ 1% :	0.317 Lacs
	ADD GST @ 12% :	3.801 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	36.553 Lacs

JMK
05/11/21
Junior Engineer

BY
05/11/21
Asstt. Engineer

BY
05/11/21
Executive Engineer

Sanctioned
Technically approved Rs. 36.553 lacs (Rupees Thirty six ^{lacs} ~~thousand~~
fifty five thousand three hundred) only.

BY
05/11/21
S.E.
R.W.D (W) Circle
Bettiah

ame of Work:-

**Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Bettiah-
Narkatiaganj road, Gulab nagar To Daniyal**

ad - FDR

Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
	Material & Labour for sand filling Pitching in slope or apron including light ramming etc. all complete as per approved design, specification and direction of E/I.	cum	As Per Appendix I				788.23	443.80	349816.474
	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 diver and khalasi etc. all complete as per approved design, specification and direction of E/I.	cum	As Per Appendix II				1298.32	2048.30	2659348.86
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.					3288	21.75	71514.00
	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					324.00	47.61	15425.64
	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					318.00	26.85	8538.30
	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	4 Nos*2.5m				10.00	6249.40	62494.00
	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				0.00	2610.68	0.00
TOTAL (in Re.)									3167137.27

25-11-2021
**Junior Engineer,
Rural Works Department,
Works Section, Lauriya**

25/11/21
**Assistant Engineer,
Rural Works Department,
Works Sub Division, Lauriya**

05/11/21
**Executive Engineer,
Rural Works Department,
Works Division, BAGAHA-1**

SEIGNIORAGE FEE CALCULATION SHEET

Item dexcription	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	788.23	Earth	Cum	1.0	788.23	347.72	274083.34	27408.33	27408.33
Brick bats	Cum	1298.32	Brick bats	Cum	1.0	1298.32	347.72	451451.83	45145.18	45145.18
Sand Bags	per bag	3288.00	sand	Cum	0.034	111.79	347.72	38872.31	3887.23	3887.23
Total Amount of seigniorage fee in construction (Rs)										76440.75

BY 5/11/24
AC

25/11/24

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 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 मोदरेबुल 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-23-23 /2019-4589, दिनांक-13.11.2021।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोदरेबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी द्वारा सहित 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 मोदरेबुल कार्य संतोख उत्तम है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

50/10-

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।

Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
8 Bagaha-1	Bishunpura to Brahman Tola	Under Agreement	1.010	0.120	6.308	Motorable & Traffic Restored.
9 Bagaha-1	PMGSY Telpur to Inarbarwa Litya	Under Agreement	2.545	0.235	9.886	Motorable & Traffic Restored.
10 Bagaha-1	Parsauni (Pandey Nadi) PMGSY to Parsauni Tola	Under Agreement	0.905	0.125	3.257	Motorable & Traffic Restored.
11 Bagaha-1	PMGSY Paroraha to Maltolwa Yadav Tola	Under Agreement	2.205	0.115	4.127	Motorable & Traffic Restored.
12 Bagaha-1	PWD Road to Satwariya South	Under Agreement	0.605	0.055	1.705	Motorable & Traffic Restored.
13 Bagaha-1	Pmgys Road to Noniwa Tola Laker	Under Agreement	1.010	0.325	12.888	Motorable & Traffic Restored.
14 Bagaha-1	Telpur to Islampur	Under Agreement	1.670	0.090	2.59	Motorable & Traffic Restored.
15 Bagaha-1	Paroraha to Lohar Tola	Under Agreement	0.755	0.044	6.411	Motorable & Traffic Restored.
16 Bagaha-1	NH Road to Praua tola	Under Agreement	0.885	0.025	1.45	Motorable & Traffic Restored.
17 Bagaha-1	L066 Parsauni Dih PMGSY Road to Deurwa via Pandey Patti	Under Agreement	3.250	0.067	2.72	Motorable & Traffic Restored.
18 Bagaha-1	Sathi Mukhya Path to Bahuarwa Bhedi Hari Tola	Under Agreement	1.600	0.220	5.013	Motorable & Traffic Restored.
19 Bagaha-1	Siswaniya To Mahadalit Bastee	Under Agreement	1.775	0.070	5.98	Motorable & Traffic Restored.
20 Bagaha-1	PMGSY Lachnauta Path Vridhavan Harizan Tola (Dera Tola)	Under Agreement	1.120	0.030	2.074	Motorable & Traffic Restored.
21 Bagaha-1	Paroraha To Badai Tola Paroraha	Under Agreement	0.665	0.130	1.778	Motorable & Traffic Restored.
22 Bagaha-1	Barwa to Nawka Tola	Under Agreement	0.855	0.166	17.58	Motorable & Traffic Restored.
23 Bagaha-1	Pmgys Road at Ganauli to Maal Tola	Under Agreement	1.300	0.107	7.412	Motorable & Traffic Restored.
24 Bagaha-1	Khairatia Yoga Pati to Yadu Rai Tola Barwa	Under Agreement	1.500	0.093	8.736	Motorable & Traffic Restored.
25 Bagaha-1	Ram Parsauna to Malahi Tola	Under Agreement	1.000	0.180	14.318	Motorable & Traffic Restored.
26 Bagaha-1	Dhobani Tola to Pandey Tola	Under Agreement	2.165	0.582	12.384	Motorable & Traffic Restored.
27 Bagaha-1	Baswariya to Baswariya North Tola	Under Agreement	0.770	0.100	2.625	Motorable & Traffic Restored.
28 Bagaha-1	PWD Chanpatia - Bashantpur	Under Agreement	2.500	0.190	8.849	Motorable & Traffic Restored.
29 Bagaha-1	PWD Bagha - Dumara	Under Agreement	6.500	0.072	24.393	Motorable & Traffic Restored.
30 Bagaha-1	PWD Bagha Siswania - Kataiya	Out of Agreement	4.100	0.171	15.296	Motorable & Traffic Restored.
31 Bagaha-1	PWD Narkatiyaganj To Mathiya	Under Agreement	4.210	0.150	9.018 -	Motorable & Traffic Restored.
32 Bagaha-1	PWD Bettiah-Narkatiyaganj road, Gulab nagar to Daniyal	Out of Agreement	7.250	0.650	36.553	Motorable & Traffic Restored.
33 Bagaha-1	Baharwa Ilkhatani tol to Ramparsauna tal	Out of Agreement	1.750	0.350	9.809	Motorable & Traffic Restored.
34 Bagaha-1	PWD Ramnagar Lauriya To Siswahali 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।


25/11/2021

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


25/11/2021

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1