



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
Satwariya Middle school To Satwariya North

LENGTH OF ROAD (In Km)- 1.65 KM

ESTIMATED COST -	7.223	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGAHA-1

TECHNICAL REPORT

Name of Road :- Satwariya Middle School To Satwariya North

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 7.223 Lacs

This Estimate is prepared for Restoration of Construction of Satwariya Middle School To Satwariya North 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. 7.223 Lacs please.

Submitted for Administrative Approval please.

Sub
05-11-2021
ior Engineer,
Lauriya

BY
5/11/21
Assistant Engineer,
Lauriya

Bh
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 SATWARIYA MIDDLE SCHOOL TO SATWARIYA NORTH

DISTRICT - WEST CHAMPARAN
BLOCK - Lauriya

DIVISION - BAGHAHA-1
LENGTH OF ROAD (In Km)- 1.65 KM

SL. No.	Item of Work	Amount
1	EARTH WORK	
2	BRICK BATS	: 0.000 Lacs
3	SAND BAGS	: 6.297 Lacs
4	BAMBOOS PILING AND RUNNER	: 0.000 Lacs
5	HUME PIPE	: 0.000 Lacs
	COST OF RESTORATION	: 6.297 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	: 0.107 Lacs
	ADD LABOUR CESS @ 1%	: 0.063 Lacs
	ADD GST @ 12%	: 0.756 Lacs
	TOTAL COST OF RESTORATION OF ROAD	: 7.223 Lacs

05-12-2021
Junior Engineer

Asstt. Engineer

Executive Engineer

Technically sanctioned Rs. 7.223 lacs (Rupees seven lacs twenty two thousand three hundred) only.

SE.
RWD (W) Circle
Bettiah

Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Satwariya Middle school To Satwariya North

ad - FDR

Item No.	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			0	134.33	0
	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			307.45	2048.30	629749.84
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos					0	21.75	0.00
	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					0.00	47.61	0.00
	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					0.00	26.85	0.00
	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			0.00	6200.23	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			0.00	2591.01	0.00
TOTAL (In Re.)									629749.84

Satwariya
05-11-21
Junior Engineer,
Rural Works Department,
Works Section, Lauriya

05/11/21
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	0.00	Earth	Cum	1.0	0.00	34.82	0.00	0.00	0.00
Brick bats	Cum	307.45	Brick bats	Cum	1.0	307.45	347.72	106906.51	10690.65	10690.65
Sand Bags	per bag	0.00	sand	Cum	0.034	0.00	347.72	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (Rs)										
										10690.65

05/11/21
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05/11/21
J.E.

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।

गहाशय,

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 जवाबदेही 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

विश्वासमाजन

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 प्रमंडल, बेतिया।

विषय :-

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

प्रसंग:-

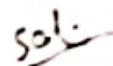
भवदीय पत्रांक-1325/बेतिया, दिनांक-14.11.2021 एवम् अभियन्ता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-मु0प्र0-4(मु0) विविध (कार्य)-23-291/2019-4589, दिनांक-13.11.2021।

महाराज,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरबुल पथों की सूची में अंकित पथों का अवगमनादारी 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 चल है। (कृपया गमन मोटरबुल कार्य प्रत्येक पथ पर करें)।
सादर सूचनाएं एवम् अग्रत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

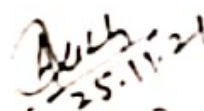
विश्वासभाजन,



कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

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

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



कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

Dist/Zone	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
Bagaha-1	L023 Semra to Tarunwa (VRJ) semra to Tarunwa at ch 12040 m	Under Agreement	197.500	0.150	40.601	Motorable & Traffic Restored.
Bagaha-1	Sahua tend to Ramnagar Lauriya PWD Road Via Barwariya	Under Agreement	4.000	0.150	7.684	Motorable & Traffic Restored.
Bagaha-1	Lauriya - Tirhut Canal Road	Out of Agreement	4.050	0.335	5.902	Motorable & Traffic Restored.
Bagaha-1	PWD LAURIYA BAG - BARWA	Under Agreement	3.785	0.180	16.883	Motorable & Traffic Restored.
Bagaha-1	PWD LAURIYA BAG - PRORAHIA	Under Agreement	1.786	0.045	4.412	Motorable & Traffic Restored.
Bagaha-1	PWD LAURIYA RAMNAGAR - LIPINI	Under Agreement	2.840	0.022	7.143	Motorable & Traffic Restored.
Bagaha-1	PWD SATHI - LAKSHANAUTA	Out of Agreement	8.092	0.290	35.532	Motorable & Traffic Restored.
Bagaha-1	PWD Road Sathi - Naunipakar	Out of Agreement	4.300	0.200	2.109	Motorable & Traffic Restored.
Bagaha-1	L023-T03 to Ramauli (VRJ)	Out of Agreement	5.080	0.450	39.966	Motorable & Traffic Restored.
Bagaha-1	L035-L032 Basantpur Primary School to Singhpur East Tola via Bherihari Tola (VR50)	Under Agreement	1.720	0.280	15.086	Motorable & Traffic Restored.
Bagaha-1	L037-L025 to Manguraha (VR16)	Under Agreement	5.216	0.220	10.175	Motorable & Traffic Restored.
Bagaha-1	L048-L032 Basantpur Malang Baha ke Pokhara to Singhpur Harijan Tola via West Tola (VR51)	Out of Agreement	4.327	0.074	5.802	Motorable & Traffic Restored.
Bagaha-1	Construction of Gonauli se shekh Tili Briti Tola Siswanis Parvi Tola Katariya Twahapati K Age Katariya REO Path Tak Sadak Nirman	Out of Agreement	5.000	0.035	7.315	Motorable & Traffic Restored.
Bagaha-1	L057-PMGSY Katariya Phulwariya to Harpur (VR35)	Out of Agreement	2.845	0.027	4.997	Motorable & Traffic Restored.
Bagaha-1	L059-Lauriya sathi Road Khajuriya to Gopahi koyari Tola (VR37)	Under Agreement	3.001	0.185	7.545	Motorable & Traffic Restored.
Bagaha-1	L062-PMGSY Lakshnauta Barwa kala Minya tola (VR40)	Under Agreement	1.580	0.110	9.851	Motorable & Traffic Restored.
Bagaha-1	L064-PWD Narkariya ganj Lauriya to Briti Matariya (VR42)	Out of Agreement	2.002	0.040	2.737	Motorable & Traffic Restored.
Bagaha-1	L065-PMGSY Basantpur to Chhardewali (VR43)	Out of Agreement	2.199	0.032	13.28	Motorable & Traffic Restored.
Bagaha-1	Construction of Gram Fulbaria se Bherihari Tola Hote Hue Marahiya me PMGSY Sadak Tak Path Nirman	Under Agreement	2.180	0.150	6.047	Motorable & Traffic Restored.
Bagaha-1	Parari To Maguraha Parari	Under Agreement	1.400	0.125	9.554	Motorable & Traffic Restored.
Bagaha-1	Parsauna To Pokhariya Tola Parsauna	Under Agreement	0.600	0.145	6.33	Motorable & Traffic Restored.
Bagaha-1	Bettiah Ramnagar Rd. to Sikta via Dhubni, Ramauli	Under Agreement	4.100	0.015	10.306	Motorable & Traffic Restored.
Bagaha-1	Satwariya Middle School To Satwariya North	Under Agreement	1.650	0.215	7.223	Motorable & Traffic Restored.
Bagaha-1	Suarchap to Pipra	Under Agreement	1.260	0.160	7.611	Motorable & Traffic Restored.

घोषणा-पत्र

1. इस प्राक्कलन को असंबद्ध कार्यपालक अभियन्ता से जॉच 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