



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
Sathi To Sugarchhap

LENGTH OF ROAD (in Km) - 5.47 KM
DAMAGED LENGTH OF THE ROAD - 0.130 Km

ESTIMATED COST -	5.237	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGAHA-1

TECHNICAL REPORT

Name of Road :- PWD Sathi-Sugarchhap

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 5.237 Lacs

This Estimate is prepared for Restoration of Construction of PWD Sathi-Sugarchhap 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.

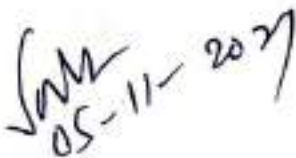
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran,

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. 5.237 Lacs please.

Submitted for Administrative Approval please.


05-11-2021
Assistant Engineer,
Lauriya


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 PWD SATHI TO SUGARCHHAP

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-I

BLOCK - Lauriya

LENGTH OF ROAD (in Km)- 5.47 KM

DAMAGED LENGTH OF THE ROAD - 0.130 Km

SL. No.	Item of Work	Amount
1	SAND FILLING :	2.044 Lacs
2	BRICK BATS :	2.272 Lacs
3	SAND BAGS :	0.136 Lacs
4	BAMBOOS PILING AND RUNNER :	0.000 Lacs
5	HUME PIPE :	0.000 Lacs
	COST OF RESTORATION :	4.452 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	0.206 Lacs
	ADD LABOUR CESS @ 1% :	0.045 Lacs
	ADD GST @ 12% :	0.534 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	5.237 Lacs

John
05/11/2021

Junior Engineer

stn/24
Asstt. Engineer

05/11/21
Executive Engineer

Technically sanctioned and approved for Rs. 5.237 Lacs (Rupees five lacs twenty three thousand seven hundred) only.

25/11/21
S.E.
R.W.D. (W) Circle
Bettiah

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in PWD Sathi To Sugarchhap

Road - 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				460.58	443.80	204405.404
	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				110.94	2048.30	227238.40
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.					624	21.75	13572.00
	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	6222.08	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	2599.76	0.00
TOTAL (in Re.)									445215.81

Sd/- 05-11-2017
 Junior Engineer,
 Rural Works Department,
 Works Section, Lauriya

Sd/- 05/11/17
 Assistant Engineer,
 Rural Works Department,
 Works Sub Division, Lauriya

Sd/- 05/11/17
 Executive Engineer,
 Rural Works Department,
 Works Division, BAGAHA-1

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	460.58	Earth	Cum	1.0	460.58	347.72	160152.88	16015.29	16015.29
Brick bats	Cum	110.94	Brick bats	Cum	1.0	110.94	347.72	38576.06	3857.61	3857.61
Sand Bags	per bag	624.00	sand	Cum	0.034	21.22	347.72	7377.23	737.72	737.72
Total Amount of seigniorage fee in construction (RS)										20610.62

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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 बाढ़ 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 बाढ़ 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 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

विश्वाशभाजन

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 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-मु0अ0-4(मु0) विविध (कार्य)-23-291 /2019-4589, दिनांक-13.11.2021।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी 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 चालु है।
सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासनाजन,

Sol

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।

Sl No	Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
155	Bagaha-I	PMGSY Laurya-Tirhut Canal Road Too Nandangarh	Under Agreement	2.100	0.225	14.218	Motorable & Traffic Restored.
156	Bagaha-I	PWD Sathi To Sugarchhap	Under Agreement	5.470	0.200	5.237	Motorable & Traffic Restored.
157	Bagaha-I	PWD Ramnagar To Parsauna Dieh	Under Agreement	5.400	0.140	1.568	Motorable & Traffic Restored.
158	Bagaha-I	PWD Champatia To Baudh Tola	Under Agreement	2.930	0.170	4.668	Motorable & Traffic Restored.
159	Bagaha-I	PMGSY Kataiya to Sohadarpur	Out of Agreement	2.000	0.270	6.944	Motorable & Traffic Restored.
160	Bagaha-I	Gulab Sekhnagar road to Dharampur	Out of Agreement	1.000	0.194	9.620	Motorable & Traffic Restored.
161	Bagaha-I	PMGSY Daniyal Parsauna to Parsauna Harijan Tola	Out of Agreement	1.500	0.135	3.874	Motorable & Traffic Restored.
162	Bagaha-I	Construction of H.L. R.C.C Bridge at Sheikh Toli in Between Narkatiaganj Assembly Constituency And Lauriya Assembly Constituency in Bagaha RWD Road To Dumra In West Champaran	Under Agreement	58.000	0.100	6.384	Motorable & Traffic Restored.
163	Bagaha-I	JHARAWA - KANGUSERI	Out of Agreement	15.000	0.100	5.975	Motorable & Traffic Restored.
164	Bagaha-I	L035 - Done Canal Khatauri to Pakri Semra (VR68)	Out of Agreement	7.000	0.100	6.465	Motorable & Traffic Restored.
165	Bagaha-I	L040 - Simrauni to Betahni (VR20)	Under Agreement	12.000	0.185	53.895	Motorable & Traffic Restored.
166	Bagaha-I	PWD Road Hardia - Sherwa	Out of Agreement	8.000	0.220	31.878	Motorable & Traffic Restored.
167	Bagaha-I	T 07 - Bankatwa	Out of Agreement	7.000	0.390	13.125	Motorable & Traffic Restored.
168	Bagaha-I	L042-PWD Road to Gobardhana (VR22)	Out of Agreement	1.300	0.040	5.235	Motorable & Traffic Restored.
169	Bagaha-I	L057-PMGSY Done Canal to Phagunahta (VR98)	Out of Agreement	5.048	0.340	14.116	Motorable & Traffic Restored.
170	Bagaha-I	L062-PMGSY Baluahwa mor to Hariharpur (VR97)	Out of Agreement	1.616	0.100	1.137	Motorable & Traffic Restored.
171	Bagaha-I	L065-Dhanrappa bhawal Banwari Road (VR46)	Out of Agreement	2.900	0.199	1.163	Motorable & Traffic Restored.
172	Bagaha-I	L069-Phulwariya tola to Purah Kuriya devi Asthan tak Sarak nirman (VR50)	Out of Agreement	1.913	0.150	5.370	Motorable & Traffic Restored.
173	Bagaha-I	Gram Bahua Bangla Tola to Dumari via Singhai	Under Agreement	2.870	0.198	35.379	Motorable & Traffic Restored.
174	Bagaha-I	Dhanrappa Bhawal to Banwari	Out of Agreement	13.000	0.441	23.582	Motorable & Traffic Restored.
175	Bagaha-I	KHATAURA - KUMHIYA	Out of Agreement	6.411	0.042	3.29	Motorable & Traffic Restored.
176	Bagaha-I	PWD ROAD - SEMRA	Under Agreement	3.825	0.304	12.056	Motorable & Traffic Restored.
177	Bagaha-I	PWD ROAD CANAL - BALOORA	Under Agreement	20.357	0.065	2.338	Motorable & Traffic Restored.
178	Bagaha-I	PWD ROAD RAMNAGAR - BANKATWA	Under Agreement	6.108	0.044	10.507	Motorable & Traffic Restored.
179	Bagaha-I	L061-PMGSY Bhakhari Ghora ghat to Bairiya (VR42)	Under Agreement	1.500	0.050	0.668	Motorable & Traffic Restored.
			Under Agreement	2.100	0.200	4.373	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 / कम्प्यूटिंग अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1


25/11/2021

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1