



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 PMGSY
Tirhut Canal To Lauriya Nandangarh

LENGTH OF ROAD (in Km)- 2.1 KM

ESTIMATED COST -	14.218	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGHAHA-1

TECHNICAL REPORT

Name of Road :- PMGSY Lauriya-Tirhut Canal Road Too Nandangarh

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 14.218 Lacs

This Estimate is prepared for Restoration of Construction of PMGSY Lauriya-Tirhut Canal Road Too Nandangarh 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.

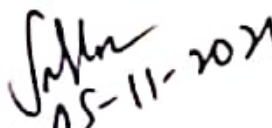
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran,

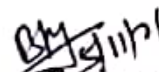
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been issued to fill the gap made by flooded immediately.

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. 14.218 Lacs please.

Submitted for Administrative Approval please.


05-11-2021
Assistant 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 PMGSY TIRHUT CANAL TO LAURIYA NANDANGARH

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-1

BLOCK - Lauriya

LENGTH OF ROAD (in Km)- 2.1 KM

SL. No.	Item of Work	Amount
1	EARTH WORK :	0.000 Lacs
2	BRICK BATS :	12.315 Lacs
3	SAND BAGS :	0.062 Lacs
4	BAMBOOS PILING AND RUNNER :	0.018 Lacs
5	HUME PIPE :	0.000 Lacs
	COST OF RESTORATION :	12.395 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	0.212 Lacs
	ADD LABOUR CESS @ 1% :	0.124 Lacs
	ADD GST @ 12% :	1.487 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	14.218 Lacs

John
6/11/2021

Junior Engineer

Q

5/11/21

Asstt. Engineer

05/11/2021

Executive Engineer

Technically ~~approved~~ Sanctioned Rs. 14.218 Lacs (Rupees Fourteen Lacs Twenty one thousand eight 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 PMGSY Tirhut Canal To Lauriya Nandargarh

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			601.21	2048.30	1231458.44
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos					286	21.75	6220.50
	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					24.00	47.61	1142.64
	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					24.00	26.85	644.40
	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	6216.62	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	2597.57	0.00
TOTAL (In Re.)									1239465.98

Sanku
05-11-2021
Junior Engineer,
Rural Works Department,
Works Section, Lauriya

SA
05/11/21
Assistant Engineer,
Rural Works Department,
Works Sub Division, Lauriya

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

SEIGNIORAGE FEE CALCULATION SHEET

Item dexterity	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	601.21	Brick bats	Cum	1.0	601.21	347.72	209052.74	20905.27	20905.27
Sand Bags	per bag	286.00	sand	Cum	0.034	9.72	347.72	3381.23	338.12	338.12
Total Amount of seigniorage fee in construction (RS)										21243.40

5/11/21

5/11/21

5/11/21

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 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।

गहाशय,

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

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 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।

महोदय,

उपर्युक्त विषयक एवम् प्रारंभिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अग्रहस्ताक्षरों 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 चालू है। (कृपया गमन मोटरेबुल कार्य प्रमाणित करें)।

सादर सूचनाएं एवम् अग्रतः कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

Sol

कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापक- 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।

Sl No	Division	Road/Bridge Name	Status	Length (in KM)	Damage Part Length During Flood	Estimated Cost (in Lakh)	Remarks
15	Bagaha-I	PMGSY Lauriya-Tirhut Canal Road To Nardangach	Under Agreement	2.100	0.225	14.218	Motorable & Traffic Restored.
16	Bagaha-I	PWD Nathi To Sugarchhap	Under Agreement	5.470	0.200	5.237	Motorable & Traffic Restored.
17	Bagaha-I	PWD Ramnagar To Parsauna Dich	Under Agreement	5.400	0.140	1.568	Motorable & Traffic Restored.
18	Bagaha-I	PWD Champatia To Boudh Tola	Under Agreement	2.930	0.170	4.668	Motorable & Traffic Restored.
19	Bagaha-I	PMGSY Kataliya to Sohadarapur	Out of Agreement	2.000	0.270	6.944	Motorable & Traffic Restored.
20	Bagaha-I	Gulab Sekhnagar road to Dharampur	Out of Agreement	1.000	0.194	9.620	Motorable & Traffic Restored.
21	Bagaha-I	PMGSY Danyal Parsauna to Parsauna Harijan Tola	Out of Agreement	1.500	0.135	3.874	Motorable & Traffic Restored.
22	Bagaha-I	Construction of ILL R.C.C Bridge at Sheikh Toll in Between Narkatiganj 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.
23	Bagaha-I	JHARAWA - KANGUSERI	Out of Agreement	15.000	0.100	5.975	Motorable & Traffic Restored.
24	Bagaha-I	L035 - Done Canal Khatauri to Pakri Semra (VR68)	Out of Agreement	7.000	0.100	6.465	Motorable & Traffic Restored.
25	Bagaha-I	L040 - Simrauni to Betahni (VR20)	Under Agreement	12.000	0.185	53.895	Motorable & Traffic Restored.
26	Bagaha-I	PWD Road Hardia - Sherwa	Out of Agreement	8.000	0.220	31.878	Motorable & Traffic Restored.
27	Bagaha-I	T 07 - Bankatwa	Out of Agreement	7.000	0.390	13.125	Motorable & Traffic Restored.
28	Bagaha-I	L042-PWD Road to Gobardhana (VR22)	Out of Agreement	1.300	0.040	5.235	Motorable & Traffic Restored.
29	Bagaha-I	L057-PMGSY Done Canal to Phagunahta (VR98)	Out of Agreement	5.048	0.340	14.116	Motorable & Traffic Restored.
30	Bagaha-I	L062-PMGSY Baluahwa mor to Hariharpur (VR97)	Out of Agreement	1.616	0.100	1.137	Motorable & Traffic Restored.
31	Bagaha-I	L065-Dhanrappa bhawal Banwari Road (VR46)	Out of Agreement	2.900	0.199	1.163	Motorable & Traffic Restored.
32	Bagaha-I	L069-Phulwariya tola to Purab Kuriya devi Asthan tak Sarak nirman (VR50)	Out of Agreement	1.913	0.150	5.370	Motorable & Traffic Restored.
33	Bagaha-I	Gram Balua Bangla Tola to Dumari via Singhai	Under Agreement	2.870	0.198	35.379	Motorable & Traffic Restored.
34	Bagaha-I	Dhanrappa Bhawal to Banwari	Out of Agreement	13.000	0.441	23.582	Motorable & Traffic Restored.
35	Bagaha-I	KHATAURA - KUMHIYA	Out of Agreement	6.411	0.042	3.29	Motorable & Traffic Restored.
36	Bagaha-I	PWD ROAD - SEMRA	Under Agreement	3.825	0.304	12.056	Motorable & Traffic Restored.
37	Bagaha-I	PWD ROAD CANAL - BALOORA	Under Agreement	20.357	0.065	2.338	Motorable & Traffic Restored.
38	Bagaha-I	PWD ROAD RAMNAGAR - BANKATWA	Under Agreement	6.108	0.044	10.507	Motorable & Traffic Restored.
39	Bagaha-I	L061-PMGSY Bhakhari Ghora ghat to Bairiya (VR42)	Under Agreement	1.500	0.050	0.668	Motorable & Traffic Restored.
40	Bagaha-I	Gardi to Banhawa tola Gardi	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 / कर्मचारी अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1



25/11/2021

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1