



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2021

DISTRICT :- WEST CHAMPARAN
BLOCK :- BAGAHA-2

Scheme Head - MMGSY (SC) (Under Maintenance)

Estimate for Repair of Road breaches
(Damaged by Flood) for Motorability in PMGSY
Nautanwa To Bariawa

LENGTH OF ROAD (in Km)- 1.6 KM
DAMAGED LENGTH (in Km)- 0.46 KM

ESTIMATED COST -	5.082	Lacs
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SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGAHA-1

TECHNICAL REPORT

Name of Road :- PMGSY Nautanwa to Barianwa,

Name of Block:- Bagaha-2

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs 5.082 Lacs

This Estimate is prepared for Restoration of Nautanwa to Barianwa

.....road 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 E.P.W., bamboo poles, sand bags & bamboo bales 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. 5.082 please.

Submitted for Administrative Approval please.

Junior Engineer,
Bagaha-2

Assistant Engineer,
Bagaha-2

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 NAUTANWA TO BARIAWA

DISTRICT - WEST CHAMPARAN

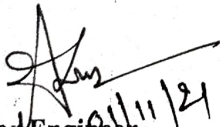
DIVISION - BAGAHA-1


BLOCK - BAGAHA-2

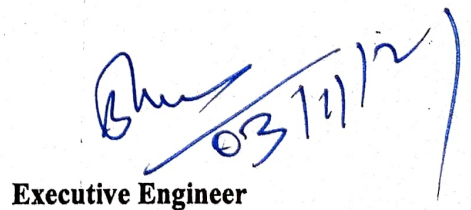
LENGTH OF ROAD (in Km)- 1.6 KM

DAMAGED LENGTH (in Km)- 0.46 KM

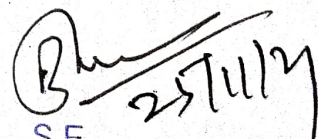
SL. No.	Item of Work	Amount
1	EARTH WORK	0.678 Lacs
2	BRICK BATS	2.321 Lacs
3	SAND BAGS	1.060 Lacs
4	BAMBOOS PILING AND RUNNER	0.190 Lacs
5	HUME PIPE	0.000 Lacs
	COST OF RESTORATION	4.249 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	0.281 Lacs
	ADD LABOUR CESS @ 1%	0.042 Lacs
	ADD GST @ 12%	0.510 Lacs
	TOTAL COST OF RESTORATION OF ROAD	5.082 Lacs


Junior Engineer


Asst. Engineer


Executive Engineer

Sanctioned
Technically approved for Rs 5.082 Lacs (Rs Five
Lacs eight thousand two hundred only
including G.S.T, L.Cess and S.F


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

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Nautanwa To Barlaawa

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			504.65	134.33	67789.6345
	Providing and and Labour for consolidation in Jhama metal by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller diver and khalasi making and maintaining diversion light barrier - do - do- danger signal etc. all complete .	cum		As Per Appendix II			113.330	2048.30	232133.84
	Providing and Labour for laying dry graded Brick Bats including light ramming etc. all complete as per approved design, specification and direction of E/I.	cum		As per Mesurment Sheet			0.000	1790.14	0.00
	Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.		As per Mesurment Sheet			5387.000	19.67	105962.29
	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		As per Mesurment Sheet			258.000	47.61	12283.38
	Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every virtical 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		As per Mesurment Sheet			250.000	26.85	6712.50
	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			0.000	6506.21	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			0.000	2713.41	0.00
TOTAL (in Re.)								424881.64	

Junior Engineer,

Rural Works Department,
Works Section, BAGAHA-2

Assistant Engineer,
Rural Works Department,
Works Sub Division, BAGAHA-2

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	504.65	Earth	Cum	1.0	504.65	34.82	17571.91	1757.19	1757.19
Brick bats	Cum	113.33	Brick bats	Cum	1.2	136.00	1549.51	210727.16	21072.72	21072.72
Sand Bags	per bag	5387.00	sand	Cum	0.034	183.16	286.55	52483.92	5248.39	5248.39
1000 MM Dia	RM	0.00	Sand at site	Cum	0.04	0.00	0.00	0.00	0.00	0.00
600 MM Dia	RM	0.00	Sand at site	Cum	0.0032	0.00	0.00	0.00	0.00	0.00
Total Amount of seigniorage fee in construction (Rs)										28073.30




Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
Bagaha-I	Mangalpur RWD Road To Patchara Gawn	Under Agreement	0.800	0.100	1.794	Motorable & Traffic Restored.
Bagaha-I	PMGSY Path Bairati to Balkahwa	Under Agreement	2.035	0.340	2.429	Motorable & Traffic Restored.
Bagaha-I	Pakwaliya Bazar To Partap Pur	Under Agreement	4.565	0.120	2.532	Motorable & Traffic Restored.
Bagaha-I	PMGSY Pachgama to Parsiha	Under Agreement	2.900	0.520	9.187	Motorable & Traffic Restored.
Bagaha-I	Sigadee Harijan Toli to Binwaliya	Under Agreement	1.780	0.105	4.048	Motorable & Traffic Restored.
Bagaha-I	Phrsahnee to Tarkattee	Under Agreement	2.035	0.480	7.946	Motorable & Traffic Restored.
Bagaha-I	Mishrauli to Majhauwa	Under Agreement	2.337	0.370	18.027	Motorable & Traffic Restored.
Bagaha-I	Harnatad to Kunai	Under Agreement	8.900	0.630	6.616	Motorable & Traffic Restored.
Bagaha-I	PMGSY Singad to Bhedachaur	Under Agreement	1.480	0.144	1.81	Motorable & Traffic Restored.
Bagaha-I	Bairatee Mukhya Path to Mainaha	Under Agreement	3.610	0.050	2.28	Motorable & Traffic Restored.
Bagaha-I	Pachphedwa to Dhurauli	Under Agreement	1.690	0.168	5.519	Motorable & Traffic Restored.
Bagaha-I	PMGSY Amwa to Katharwa	Under Agreement	0.970	0.450	12.034	Motorable & Traffic Restored.
Bagaha-I	Matiyariya to Katiya	Under Agreement	1.250	0.050	2.892	Motorable & Traffic Restored.
Bagaha-I	PMGSY Madhrnee to Madhrnee Baithwaliya Madhrnee	Under Agreement	2.390	0.210	2.404	Motorable & Traffic Restored.
Bagaha-I	PMGSY Nautrwa to Briyrwa	Under Agreement	1.600	0.460	5.082	Motorable & Traffic Restored.
Bagaha-I	T01- Chamainia to Gonauli Path	Under Agreement	5.490	0.360	5.129	Motorable & Traffic Restored.
Bagaha-I	Semrhnee To Kari	Under Agreement	1.550	0.290	5.922	Motorable & Traffic Restored.
Bagaha-I	Semra To Taruanwa	Under Agreement	14.190	2.450	20.718	Motorable & Traffic Restored.
Bagaha-I	Songadhwa To Naurangiya	Under Agreement	7.800	0.050	1.053	Motorable & Traffic Restored.
Bagaha-I	Tonwa To tribhuani	Under Agreement	6.200	0.090	4.289	Motorable & Traffic Restored.
Bagaha-I	Harnatar to Baiiriya Kala	Under Agreement	3.500	0.200	7.005	Motorable & Traffic Restored.
Bagaha-I	Construction of road from Bahuarwa Tharu Tola Khemraj Patwari's house To Narayain Garh Tharu Tola	Out of Agreement	2.500	0.120	7.605	Motorable & Traffic Restored.
Bagaha-I	Done canal to kataiya	Out of Agreement	0.600	0.105	12.742	Motorable & Traffic Restored.
Bagaha-I	Harnatar to Khajuri	Out of Agreement	3.500	0.105	2.566	Motorable & Traffic Restored.
Bagaha-I	L044-Rampurwa Balmikinagar Road T01 to Parsauni (VR24) Parsauni to Rampur valmikinagar rad at ch 2300 m	Under Agreement	74.840	0.100	7.361	Motorable & Traffic Restored.
Bagaha-I	L024-Kataha T04 to Jamira (VR4) Kanta to Jamira at ch 7872 m	Under Agreement	27.270	0.100	1.588	Motorable & Traffic Restored.

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)-23-231 /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 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। कराया गया मोटरबुल कार्य संतोषजनक है।

सादर सूचनार्थ एवम् अग्रत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

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कार्यपालक अभियन्ता
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापार्क- 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।

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 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 बाढ़ 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।

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