



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

PLAN HEAD- FDR YEAR 2021

DISTRICT :- WEST CHAMPARAN
BLOCK :- BAGAHA-2

Scheme Head - NEW MR (Under Maintenance)

Estimate for Repair of Road breaches
(Damaged by Flood) for Motorability in
Const.H.L RCC Bridge Semra To Taruanwa at
Ch 12040

LENGTH OF ROAD (in Km) - 0.1976 KM
DAMAGED LENGTH (in Km) - 0.152 KM

ESTIMATED COST - 40.601 Lacs

SUBMITTED BY:
EXECUTIVE ENGINEER,
RWD WORKS DIVISION,
BAGAHA-1

TECHNICAL REPORT

Name of Road :- H.I. R.C.C. bridge Sema to Jamuna at
Name of Block :- Bagaha-2 Ch. 12040
Name of Division :- Bagaha-1
Name of District :- West Champaran
Estimated Cost :- Rs 40.601 Lacs.

This Estimate is prepared for Restoration of H.I. R.C.C. bridge Sema to
Jamuna at Ch. 12040,
.....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 R.C.C. bridge
upland bags, bench bank 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. 40.601 Lacs please.
Submitted for Administrative Approval please.

Junior Engineer,
Bagaha-2

Assistant Engineer,
Bagaha-2

Executive Engineer
R.W.D.(W) Division, Bagaha-1

Scheme Head - NEW MR (Under Maintenance)

GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR
MOTORABILITY IN CONSTILL RCC BRIDGE SEMRA TO TARUANWA AT CH
12040

DISTRICT - WEST CHAMPARAN

DIVISION - BAGAHA-1

BLOCK - BAGAHA-2

LENGTH OF ROAD (in Km)- 0.1276 KM

DAMAGED LENGTH (in Km)- 0.152 KM

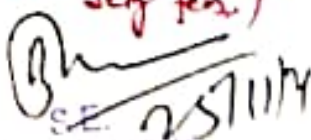
SL No.	Item of Work	Amount
1	EARTH WORK :	10.094 Lacs
2	BRICK BATS :	14.674 Lacs
3	SAND BAGS :	8.976 Lacs
4	BAMBOOS PILING AND RUNNER :	0.383 Lacs
5	HUME PIPE :	0.000 Lacs
	COST OF RESTORATION :	34.126 Lacs
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	2.038 Lacs
	ADD LABOUR CESS @ 1% :	0.341 Lacs
	ADD GST @ 12% :	4.095 Lacs
	TOTAL COST OF RESTORATION OF ROAD :	40.601 Lacs


Junior Engineer


Asst. Engineer


Executive Engineer

Technically sanctioned for Amt 40.601 Lacs (Rupees forty Lacs, Sixty Thousands, one hundred) only including GST, Cen + Secy fees)


RWD Circle
Bettiah

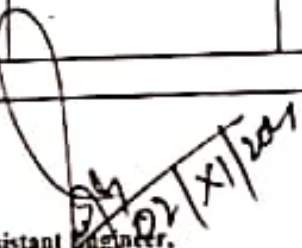
ame of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Const.H.L RCC Bridge Semra To Taruanwa at Ch 12040

d - 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					7514	134.33	1009355.62
	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 driver and khalasi making and maintaining diversion light barrier - do - do- danger signal etc. all complete	cum					716.400	2048.30	1467402.12
	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					0.000	1790.14	0.00
	Providing, Filling Sand Bag, Stutching and Placing etc. all complete as per specification and direction of E/I.	Nos					45633.000	19.67	897601.11
	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					0.000	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					1425.000	28.85	38261.25
	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					0.000	6508.21	0.00
8	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					0.000	2713.41	0.00
TOTAL (in Re.)									3412620.10


Junior Engineer,

Rural Works Department,
Works Section, BAGAH-2


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


Executive Engineer,
Rural Works Department,
Works Division, BAGAH-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	7514.00	Earth	Cum	1.0	7514.00	34.82	261637.48	26163.75	26163.75
Brick bats	Cum	716.40	Brick bats	Cum	1.2	859.68	1549.51	1332082.76	133208.28	133208.28
Sand Bags	per bag	45633.00	sand	Cum	0.034	1551.52	286.55	444588.63	44458.86	44458.86
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)										203830.89

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02/11/21

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 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।

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।

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बेतिया

पत्रांक- / बेतिया दिनांक /

प्रेषक:-

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बेतिया।

सेवा में

अधीक्षक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अंचल, बेतिया।

विषय :-

कार्य प्रमंडल, बगहा-1 में वर्ष 2021 के बाद 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।

महाराज,

उपर्युक्त विषयक एवम् प्रारंभिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अधाहस्ताक्षरी 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 मोटरेबुल कार्य संतोषजनक है।**

सादर सूचनार्थ एवम् अग्रत्तर 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।

Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
Bagaha-I	L023 Semra to Tarunwa (VR3) semra to Tarunwa at ch 12040 m	Under Agreement	197.500	0.150	40.601	Motorable & Traffic Restored.
Bagaha-I	Sahua tand to Ramnagar Lauriya PWD Road Via Baswariya	Under Agreement	4.000	0.150	7.684	Motorable & Traffic Restored.
Bagaha-I	Lauriya - Tirhut Canal Road	Out of Agreement	4.050	0.335	5.902	Motorable & Traffic Restored.
Bagaha-I	PWD LAURIYA BAG - BARWA	Under Agreement	3.785	0.180	16.883	Motorable & Traffic Restored.
Bagaha-I	PWD LAURIYA BAG - PRORAH	Under Agreement	1.786	0.045	4.412	Motorable & Traffic Restored.
Bagaha-I	PWD LAURIYA RAMNAGAR - LIPINI	Under Agreement	2.840	0.022	7.143	Motorable & Traffic Restored.
Bagaha-I	PWD SATHI - LAKSHANAUTA	Out of Agreement	8.092	0.290	35.532	Motorable & Traffic Restored.
Bagaha-I	PWD Road Sathi - Naunipakar	Out of Agreement	4.300	0.200	2.109	Motorable & Traffic Restored.
Bagaha-I	L023-T03 to Ramauli (VR3)	Out of Agreement	5.080	0.450	39.966	Motorable & Traffic Restored.
Bagaha-I	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-I	L037-L025 to Manguraha (VR16)	Under Agreement	5.216	0.220	10.175	Motorable & Traffic Restored.
Bagaha-I	L048-L032 Basantpur Malang Baba kc Pokhara to Singhpur Harijan Toli via West Tola (VR51)	Out of Agreement	4.327	0.074	5.802	Motorable & Traffic Restored.
Bagaha-I	Construction of Gonauli se shekh Tili Britt Tola Siswana Purvi Tola Kataiya Twohapatti K Age Katiya REO Path Tak Sadak Nirman	Out of Agreement	5.000	0.035	7.315	Motorable & Traffic Restored.
Bagaha-I	L057-PMGSY Kataiya Phulwariya to Harpur (VR35)	Out of Agreement	2.845	0.027	4.997	Motorable & Traffic Restored.
Bagaha-I	L059-Lauriya sathi Road Khajuriya to Gonahi koyari Tola (VR37)	Under Agreement	3.001	0.185	7.545	Motorable & Traffic Restored.
Bagaha-I	L062-PMGSY Lakshnauta Barwa kala Minya tola (VR40)	Under Agreement	1.580	0.110	9.851	Motorable & Traffic Restored.
Bagaha-I	L064-PWD Narkatiya ganj Lauriya to Briti Matariya (VR42)	Out of Agreement	2.002	0.040	2.737	Motorable & Traffic Restored.
Bagaha-I	L065-PMGSY Basantpur to Chhardewali (VR43)	Out of Agreement	2.199	0.032	13.28	Motorable & Traffic Restored.
Bagaha-I	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-I	Parari To Maguraha Parari	Under Agreement	1.400	0.125	9.554	Motorable & Traffic Restored.
Bagaha-I	Parsauna To Pokhariya Tola Parsauna	Under Agreement	0.600	0.145	6.33	Motorable & Traffic Restored.
Bagaha-I	Bettiah Ramnagar Rd. to Sikta via Dhobni, Ramauli	Under Agreement	4.100	0.015	10.306	Motorable & Traffic Restored.
Bagaha-I	Satwariya Middle School To Satwariya North	Under Agreement	1.650	0.215	7.223	Motorable & Traffic Restored.
Bagaha-I	Suarchap to Pipra	Under Agreement	1.260	0.160	7.611	Motorable & Traffic Restored.

AX.

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।


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


कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1