



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## **PLAN HEAD FDR YEAR 2021**

**DISTRICT :- WEST CHAMPARAN  
BLOCK :- RAMNAGAR**

**Scheme Head - PMGSY (Out of Maintenance)**

**Estimate for Repair of Road breaches (Damaged  
by Flood) for Motorability in PWD Road Hardia To  
Sherwa**

LENGTH OF ROAD (in Km)- 8 KM  
DAMAGED LENGTH (in Km)- 0.4729 KM

<b>ESTIMATED COST</b>	<b>31.878</b>	<b>Lacs</b>
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**SUBMITTED BY:  
EXECUTIVE ENGINEER,  
RWD WORKS DIVISION,  
BAGHAHA-1**

## TECHNICAL REPORT

Name of Road :- PWD Road Hardia - Sherwa

Name of Block:- Ramnagar

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 31.878 Lacs

This Estimate is prepared for Restoration of Construction PWD Road Hardia – Sherwa 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/Secrtery, 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. 31.878 Lacs please.

Submitted for Administrative Approval please.

17-11-2021  
Junior Engineer,  
Ramnagar

17/11/21  
Assistant Engineer,  
Ramnagar

17/11/21  
Executive Engineer  
R.W.D.(W) Division, Bagaha-1

**Scheme Head - PMGSY (Out of Maintenance)**

**GENERAL ABSTRACT OF COST**

**ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR  
MOTORIBILITY IN PWD ROAD HARDIA TO SHERWA**

**DISTRICT - WEST CHAMPARAN**

**DIVISION - BAGAHA-1**


**BLOCK - RAMNAGAR**

**LENGTH OF ROAD (in Km)- 8 KM**

**DAMAGED LENGTH (in Km)- 0.4729 KM**

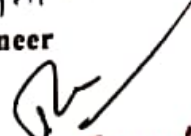
Scheme Head - PMGSY (Out of Maintenance)

SL. No.	Item of Work	Amount
1	EARTH WORK :	1.282 Lacs
2	BRICK BATS :	24.304 Lacs
3	SAND BAGS :	0.399 Lacs
4	BAMBOOS PILING AND RUNNER :	0.227 Lacs
5	HUME PIPE :	0.000 Lacs
	<b>COST OF RESTORATION :</b>	<b>26.212 Lacs</b>
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST :	2.259 Lacs
	ADD LABOUR CESS @ 1% :	0.262 Lacs
	ADD GST @ 12% :	3.145 Lacs
	<b>TOTAL COST OF RESTORATION OF ROAD :</b>	<b>31.878 Lacs</b>

  
Junior Engineer

  
Asstt. Engineer

  
Executive Engineer

  
Technically <sup>Sanctioned</sup> Approved for Rs 3187800=00 (Thirty one  
or eighty seven thousand eight hundred) only

  
S.E.


RWD (W) Circle  
Bettiah





**Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability In PWD Road Hardla To Sherwa**

**Head - FDR**

Sl No.	Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
1		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			954	134.33	128150.82
2		Providing and Labour for consolidation in 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 making and maintaining diversion light barrier - do - do- danger signal etc. all complete .	cum		As Per Appendix II			1186.550	2048.30	2430410.37
3		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
4		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.		As per Mesurment Sheet			2027.000	19.67	39871.09
5		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			346.500	47.61	16496.87
6		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		As per Mesurment Sheet			232.000	26.85	6229.20
7		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	6533.53	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 Nos*2.5m			0.000	2724.34	0.00
<b>TOTAL (In Re.)</b>										<b>2621158.34</b>

17-11-21  
  
**Junior Engineer,**  
**Rural Works Department,**  
**Works Section, RAMNAGAR**

17/11/21  
  
**Assistant Engineer,**  
**Rural Works Department,**  
**Works Sub Division, RAMNAGA**

17/11/21  
  
**Executive Engineer,**  
**Rural Works Department,**  
**Works Division, BAGHAHA-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	954.00	Earth	Cum	1.0	954.00	34.82	33218.28	3321.83	3321.83
Brick bats	Cum	1186.55	Brick bats	Cum	1.2	1423.86	1549.51	2206285.31	220628.53	220628.53
Sand Bags	per bag	2027.00	sand	Cum	0.034	68.92	286.55	19748.45	1974.85	1974.85
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)										225925.20

17/11/21  
AE

17/11/21  
J.E.

17/11/21  
J.E.

17/11/21  
FE



# 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

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 प्रमंडल, 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।

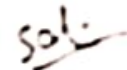
महाराज,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अवलोकन 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। (अनुमोदित कार्य प्रमंडल, बगहा-1 द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालू है।)

सादर सूचनाएं एवम् अग्रतः कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

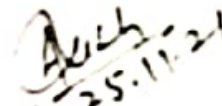


कार्यपालक अभियन्ता

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।





Sl No	Division	Road/Bridge Name	Status	Length (In KM)	Damage Part Length During Flood	Estimated Cost (In Lakh)	Remarks
154	Bagaha-I	PMGSY Lauriya-Tirhut Canal Road To Nandagarh	Under Agreement	2.100	0.225	14.218	Motorable & Traffic Restored
155	Bagaha-I	PWD Sathi To Sugarchhap	Under Agreement	5.470	0.200	5.217	Motorable & Traffic Restored.
156	Bagaha-I	PWD Ramnagar To Parsauna Dich	Under Agreement	5.400	0.140	1.568	Motorable & Traffic Restored
157	Bagaha-I	PWD Chanpatia To Raulh Tola	Under Agreement	2.930	0.170	4.668	Motorable & Traffic Restored.
158	Bagaha-I	PMGSY Kutaiya to Sohadarpur	Out of Agreement	2.000	0.270	6.944	Motorable & Traffic Restored
159	Bagaha-I	Gulab Sekhnagar road to Dharampur	Out of Agreement	1.000	0.194	9.620	Motorable & Traffic Restored.
160	Bagaha-I	PMGSY Daniyal Parsauna to Parsauna Harijan Tola	Out of Agreement	1.500	0.135	3.874	Motorable & Traffic Restored.
161	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.
162	Bagaha-I	JHARAWA - KANGUSERI	Out of Agreement	15.000	0.100	5.975	Motorable & Traffic Restored.
163	Bagaha-I	L035 - Done Canal Khatauri to Pakri Semra (VR68)	Out of Agreement	7.000	0.100	6.465	Motorable & Traffic Restored.
164	Bagaha-I	L040 - Simrauni to Betahni (VR20)	Under Agreement	12.000	0.185	53.895	Motorable & Traffic Restored.
165	Bagaha-I	PWD Road Hardia - Sherwa	Out of Agreement	8.000	0.220	31.878	Motorable & Traffic Restored.
166	Bagaha-I	T 07 - Bankatwa	Out of Agreement	7.000	0.390	13.125	Motorable & Traffic Restored.
167	Bagaha-I	L042-PWD Road to Gobardhana (VR22)	Out of Agreement	1.300	0.040	5.235	Motorable & Traffic Restored.
168	Bagaha-I	L057-PMGSY Done Canal to Phagunahta (VR98)	Out of Agreement	5.048	0.340	14.116	Motorable & Traffic Restored.
169	Bagaha-I	L062-PMGSY Baluahwa mor to Hariharpur (VR97)	Out of Agreement	1.616	0.100	1.137	Motorable & Traffic Restored.
170	Bagaha-I	L065-Dhanrapa bhawal Banwari Road (VR46)	Out of Agreement	2.900	0.199	1.163	Motorable & Traffic Restored.
171	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.
172	Bagaha-I	Gram Balua Bangla Tola to Dumari via Singhai	Under Agreement	2.870	0.198	35.379	Motorable & Traffic Restored.
173	Bagaha-I	Dhanrappa Bhawal to Banwari	Out of Agreement	13.000	0.441	23.582	Motorable & Traffic Restored.
174	Bagaha-I	KHATAURA - KUMHIYA	Out of Agreement	6.411	0.042	3.29	Motorable & Traffic Restored.
175	Bagaha-I	PWD ROAD - SEMRA	Under Agreement	3.825	0.304	12.056	Motorable & Traffic Restored.
176	Bagaha-I	PWD ROAD CANAL - BALOORA	Under Agreement	20.357	0.065	2.338	Motorable & Traffic Restored.
177	Bagaha-I	PWD ROAD RAMNAGAR - BANKATWA	Under Agreement	6.108	0.044	10.507	Motorable & Traffic Restored.
178	Bagaha-I	L061-PMGSY Bhakhari Ghora ghat to Baijiya (VR42)	Under Agreement	1.500	0.050	0.668	Motorable & Traffic Restored.
179	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।

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

  
कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-1