



# 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 L064-  
PWD Narkatiyaganj Lauriya To Briti Matariya

LENGTH OF ROAD (in Km)- 3.236 KM

|                  |       |      |
|------------------|-------|------|
| ESTIMATED COST - | 2.737 | Lacs |
|------------------|-------|------|

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

## TECHNICAL REPORT

Name of Road :- L064-PWD Narkatiyaganj Lauriya to Briti Matariya

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 2.737 Lacs

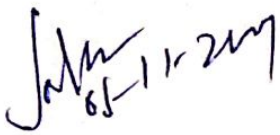
This Estimate is prepared for Restoration of Construction of L064-PWD Narkatiyaganj Lauriya to Briti Matariya under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, 23-60/2020-1937, Patna, Date- 07.07.2021. Road remains effected from flood about 01 to 02 weeks and heavy amount of water passed through it.

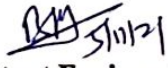
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran, Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been 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 Piling/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. 2.737 Lacs please.

Submitted for Administrative Approval please.

  
Junior 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 L064-PWD NARKATIYAGANJ LAURIYA TO BRITI  
MATIARIYA

DISTRICT - WEST CHAMPARAN  
BLOCK - Lauriya

DIVISION - BAGAHA-1  
LENGTH OF ROAD (in Km)- 3.236 KM

| SL.<br>No. | Item of Work                                 | Amount            |
|------------|----------------------------------------------|-------------------|
| 1          | EARTH WORK :                                 | 0.000 Lacs        |
| 2          | BRICK BATS :                                 | 2.367 Lacs        |
| 3          | SAND BAGS :                                  | 0.000 Lacs        |
| 4          | BAMBOOS PILING AND RUNNER :                  | 0.020 Lacs        |
| 5          | HUME PIPE :                                  | 0.000 Lacs        |
|            | <b>COST OF RESTORATION :</b>                 | <b>2.387 Lacs</b> |
|            | ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST : | 0.040 Lacs        |
|            | ADD LABOUR CESS @ 1% :                       | 0.024 Lacs        |
|            | ADD GST @ 12% :                              | 0.286 Lacs        |
|            | <b>TOTAL COST OF RESTORATION OF ROAD :</b>   | <b>2.737 Lacs</b> |

*[Signature]*  
05-11-2017  
Junior Engineer

*[Signature]*  
05/11/17  
Asstt. Engineer

*[Signature]*  
05/11/17  
Executive Engineer

Technically ~~approved~~ <sup>Sanctioned</sup> Rs. 2.737 lacs (Rupees Two lacs seventy three thousand seven hundred) only.

*[Signature]*  
25/11/17  
S.E.  
R.W.D. (W) Circle  
Bettiah

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in L064-PWD  
Narkatiyaganj Lauriya To Briti Matlariya

Head - FDR

| SI No.         | 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 |       |        | 115.55 | 2048.30 | 236681.07 |
|                |          | Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.                                                                                                                                                                                              | Nos. |    |                    |       |        | 0      | 21.75   | 0.00      |
|                |          | 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   |    |                    |       |        | 32.00  | 47.61   | 1523.52   |
|                |          | 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   |    |                    |       |        | 18.00  | 26.85   | 483.30    |
|                |          | 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   | 6243.94 | 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   | 2608.50 | 0.00      |
| TOTAL (in Re.) |          |                                                                                                                                                                                                                                                                                                              |      |    |                    |       |        |        |         | 238687.89 |

*Sauk*  
05-11-2017

Junior Engineer,  
Rural Works Department,  
Works Section, Lauriya

*5/11/21*

Assistant Engineer,  
Rural Works Department,  
Works Sub Division, Lauriya

*05/11/21*

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     | 0.00                       | Earth                    | Cum  | 1.0            | 0.00                    | 34.82  | 0.00     | 0.00                 | 0.00              |
| Brick bats                                           | Cum     | 115.55                     | Brick bats               | Cum  | 1.0            | 115.55                  | 347.72 | 40179.05 | 4017.90              | 4017.90           |
| Sand Bags                                            | per bag | 0.00                       | sand                     | Cum  | 0.034          | 0.00                    | 347.72 | 0.00     | 0.00                 | 0.00              |
| Total Amount of seigniorage fee in construction (Rs) |         |                            |                          |      |                |                         |        |          |                      | 4017.90           |

Jan 25-11-2024  
25-11-2024  
5-5-25

BY 5/11/24  
AE

Ph 05/11/24  
EE

# 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 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 बाद 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 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                       |

विश्वामाजुन

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 अघोहस्ताक्षरी 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। (केशव गंगा मोटरबुल कार्य प्रमंडल प्रमंडल है।)

सादर सूचनार्थ एवम् अग्रतः कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

*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                       |
|-------|----------|--------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|---------------------------------|--------------------------|-------------------------------|
| 04    | Bagaha-I | L023 Semra to Taruanwa (VR3) semra to Taruanwa at ch 12040 m                                                                   | Under Agreement  | 197.500        | 0.150                           | 40.601                   | Motorable & Traffic Restored. |
| 05    | Bagaha-I | Sahua tand to Ramnagar Lauriya PWD Road Via Baswariya                                                                          | Under Agreement  | 4.000          | 0.150                           | 7.684                    | Motorable & Traffic Restored. |
| 06    | Bagaha-I | Lauriya - Tirhut Canal Road                                                                                                    | Out of Agreement | 4.050          | 0.335                           | 5.902                    | Motorable & Traffic Restored. |
| 07    | Bagaha-I | PWD LAURIYA BAG - BARWA                                                                                                        | Under Agreement  | 3.785          | 0.180                           | 16.883                   | Motorable & Traffic Restored. |
| 08    | Bagaha-I | PWD LAURIYA BAG - PRORAHA                                                                                                      | Under Agreement  | 1.786          | 0.045                           | 4.412                    | Motorable & Traffic Restored. |
| 09    | Bagaha-I | PWD LAURIYA RAMNAGAR - LIPINI                                                                                                  | Under Agreement  | 2.840          | 0.022                           | 7.143                    | Motorable & Traffic Restored. |
| 10    | Bagaha-I | PWD SATHI - LAKSHANAUTA                                                                                                        | Out of Agreement | 8.092          | 0.290                           | 35.532                   | Motorable & Traffic Restored. |
| 11    | Bagaha-I | PWD Road Sathi - Naunipakar                                                                                                    | Out of Agreement | 4.300          | 0.200                           | 2.109                    | Motorable & Traffic Restored. |
| 12    | Bagaha-I | L023-T03 to Ramauli (VR3)                                                                                                      | Out of Agreement | 5.080          | 0.450                           | 39.966                   | Motorable & Traffic Restored. |
| 13    | 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. |
| 14    | Bagaha-I | L037-L025 to Manguraha (VR16)                                                                                                  | Under Agreement  | 5.216          | 0.220                           | 10.175                   | Motorable & Traffic Restored. |
| 15    | Bagaha-I | L048-L032 Basantpur Malang Baba ke Pokhara to Singhpur Harijan Toli via West Tola (VR51)                                       | Out of Agreement | 4.327          | 0.074                           | 5.802                    | Motorable & Traffic Restored. |
| 16    | Bagaha-I | Construction of Gonauli se shekh Tili Britt Tola Siswania Purvi Tola Kataiya Twohapatti K Age Katiya REO Path Tak Sadak Nirman | Out of Agreement | 5.000          | 0.035                           | 7.315                    | Motorable & Traffic Restored. |
| 17    | Bagaha-I | L057-PMGSY Kataiya Phulwariya to Harpur (VR35)                                                                                 | Out of Agreement | 2.845          | 0.027                           | 4.997                    | Motorable & Traffic Restored. |
| 18    | Bagaha-I | L059-Lauriya sathi Road Khajuriya to Gopahi koyari Tola (VR37)                                                                 | Under Agreement  | 3.001          | 0.185                           | 7.545                    | Motorable & Traffic Restored. |
| 19    | Bagaha-I | L062-PMGSY Lakshnauta Barwa kala Minya tola (VR40)                                                                             | Under Agreement  | 1.580          | 0.110                           | 9.851                    | Motorable & Traffic Restored. |
| 20    | Bagaha-I | L064-PWD Narkatiya ganj Lauriya to Briti Matiariya (VR42)                                                                      | Out of Agreement | 2.002          | 0.040                           | 2.737                    | Motorable & Traffic Restored. |
| 21    | Bagaha-I | L065-PMGSY Basantpur to Chhardewali (VR43)                                                                                     | Out of Agreement | 2.199          | 0.032                           | 13.28                    | Motorable & Traffic Restored. |
| 22    | 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. |
| 23    | Bagaha-I | Parari To Maguraha Parari                                                                                                      | Under Agreement  | 1.400          | 0.125                           | 9.554                    | Motorable & Traffic Restored. |
| 24    | Bagaha-I | Parsauna To Pokhariya Tola Parsauna                                                                                            | Under Agreement  | 0.600          | 0.145                           | 6.33                     | Motorable & Traffic Restored. |
| 25    | Bagaha-I | Bettiah Ramnagar Rd. to Sikta via Dhobni, Ramauli                                                                              | Under Agreement  | 4.100          | 0.015                           | 10.306                   | Motorable & Traffic Restored. |
| 26    | Bagaha-I | Satwariya Middle School To Satwariya North                                                                                     | Under Agreement  | 1.650          | 0.215                           | 7.223                    | Motorable & Traffic Restored. |
| 27    | Bagaha-I | Suarchap to Pipra                                                                                                              | Under Agreement  | 1.260          | 0.160                           | 7.611                    | Motorable & Traffic Restored. |

(X)

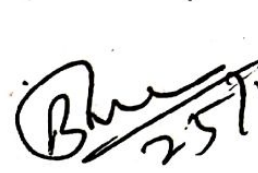
## घोषणा-पत्र

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