



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## PLAN HEAD- FDR YEAR 2021-22

DISTRICT :- WEST CHAMPARAN  
BLOCK :- Bagaha-I

Estimate for Repair of Road breaches  
(Damaged by Flood) for Motorability in  
Khairpokhra To Ekderwa

LENGTH OF ROAD (in Km)- 4.175 KM

|                  |       |      |
|------------------|-------|------|
| ESTIMATED COST - | 4.441 | Lacs |
|------------------|-------|------|

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



## TECHNICAL REPORT

Name of Road :- Khairpokhra to Ekderwa

Name of Block:- Bagaha-1

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 4.441 Lacs

This Estimate is prepared for Restoration of Khairpokhra to Ekderwa 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. 4.441 Lacs please.

Submitted for Administrative Approval please.

95-11-2021

Senior Engineer,  
Bagaha-1

Assistant Engineer,  
Bagaha-1

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 KHAIRPOKHRA TO EKDERWA

DISTRICT - WEST CHAMPARAN  
BLOCK - Bagaha-I

DIVISION - BAGAHA-I  
LENGTH OF ROAD (in Km)- 4.175 KM

| SL.<br>No. | Item of Work                                 | Amount            |
|------------|--|-------------------|
| 1          | EARTH WORK :                                 | 0.000 Lacs        |
| 2          | BRICK BATS :                                 | 2.877 Lacs        |
| 3          | SAND BAGS :                                  | 0.963 Lacs        |
| 4          | BAMBOOS PILING AND RUNNER :                  | 0.000 Lacs        |
| 5          | HUME PIPE :                                  | 0.000 Lacs        |
|            | <b>COST OF RESTORATION :</b>                 | <b>3.840 Lacs</b> |
|            | ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST : | 0.101 Lacs        |
|            | ADD LABOUR CESS @ 1% :                       | 0.038 Lacs        |
|            | ADD GST @ 12% :                              | 0.461 Lacs        |
|            | <b>TOTAL COST OF RESTORATION OF ROAD :</b>   | <b>4.441 Lacs</b> |

05-11-2017  
Junior Engineer

05/11/17  
Asstt. Engineer

05/11/17  
Executive Engineer

Technically ~~approved~~ <sup>Sanctioned</sup> For Rs 444100 = 00 (Four lac  
fourty four thousand one hundred) only/-

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 Khairpokhra To Ekderwa

lead - 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 |       |        | 140.46 | 2048.30   | 287704.22 |
|                | Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.  | Nos. |    |                    |       |        | 4428   | 21.75     | 96309.00  |
|                | 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   |    |                    |       |        | 0.00   | 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   |    |                    |       |        | 0.00   | 26.85     | 0.00      |
|                | 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   | 6347.75   | 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   | 2650.03   | 0.00      |
| TOTAL (In Re.) |  |      |    |                    |       |        |        | 384013.22 |           |

*Signature*  
05-11-2017  
Junior Engineer,  
Rural Works Department,  
Works Section, Bagaha-I

*Signature*  
05/11/17  
Assistant Engineer,  
Rural Works Department,  
Works Sub Division, Bagaha-I

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



### SEIGNIORAGE FEE CALCULATION SHEET

| Item dexcription                                    | unit    | Quantity of Consuming Item | Materials Required/ Unit | Unit | Quantity/ Unit | Total Quantity Requeired | 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     | 140.46                     | Brick bats               | Cum  | 1.0            | 140.46                   | 347.72 | 48840.75 | 4884.08              | 4884.08           |
| Sand Bags   | per bag | 4428.00                    | sand                     | Cum  | 0.034          | 150.55                   | 347.72 | 52349.94 | 5234.99              | 5234.99           |
| Total Amount of seginorage fee in construction (Rs) |         |                            |                          |      |                |                          |        |          |                      | 10119.07          |
|   |         |                            |                          |      |                |                          |        |          |                      |                   |

*John*  
05-11-2007  
J.E.

*BM*  
05/11/07  
AZ

*John*  
05/11/07



| Division | Road/Bridge Name  | Status           | Length<br>(In KM) | Damage<br>Part Length<br>During<br>Flood | Estimated<br>Cost<br>(In Lakh) | Remarks                       |
|----------|---|------------------|-------------------|--|--------------------------------|-------------------------------|
| Bagaha-I | Bhidari To Sohagi Barwa   | Under Agreement  | 1.600             | 0.160                                    | 2.672                          | Motorable & Traffic Restored. |
| Bagaha-I | Bathwariya To Bathwariya Purab Tola   | Under Agreement  | 0.900             | 0.240                                    | 7.371                          | Motorable & Traffic Restored. |
| Bagaha-I | NH-28 B Baswariya Chowk to Baswariya Tola   | Under Agreement  | 1.265             | 0.060                                    | 4.099                          | Motorable & Traffic Restored. |
| Bagaha-I | Khairpokhra to Ekderwa  | Under Agreement  | 4.175             | 0.325                                    | 4.441                          | Motorable & Traffic Restored. |
| Bagaha-I | Siswa School to Harpur  | Under Agreement  | 2.875             | 0.130                                    | 2.991                          | Motorable & Traffic Restored. |
| Bagaha-I | Basgaon Manjahariya To Bhulahwa Reyaj Miya Tola   | Under Agreement  | 2.690             | 0.220                                    | 9.537                          | Motorable & Traffic Restored. |
| Bagaha-I | Kohargaddi to Hardi   | Under Agreement  | 1.695             | 0.300                                    | 5.086                          | Motorable & Traffic Restored. |
| Bagaha-I | NH-28 B Chandisthan Mor to Naraipur   | Under Agreement  | 4.880             | 0.380                                    | 39.876                         | Motorable & Traffic Restored. |
| Bagaha-I | Chhotki Patti Bhairongang Path to Deura (Dharmpur)                                      | Under Agreement  | 2.225             | 0.250                                    | 9.973                          | Motorable & Traffic Restored. |
| Bagaha-I | Englishiya Chandraha Path To Pipra  | Under Agreement  | 2.980             | 0.170                                    | 2.677                          | Motorable & Traffic Restored. |
| Bagaha-I | NH 28B to Chhotka Belwa   | Under Agreement  | 1.845             | 0.050                                    | 2.874                          | Motorable & Traffic Restored. |
| Bagaha-I | Malhi Tola to Tesrahiya   | Under Agreement  | 1.670             | 0.422                                    | 6.117                          | Motorable & Traffic Restored. |
| Bagaha-I | Bhathiya Deep Narayan Mishr Ke Tola to Bhathiya   | Under Agreement  | 0.795             | 0.460                                    | 13.943                         | Motorable & Traffic Restored. |
| Bagaha-I | Makari Bazar To Tiwari Tola   | Under Agreement  | 3.445             | 0.386                                    | 7.36                           | Motorable & Traffic Restored. |
| Bagaha-I | PMGSY Raybari Mahua Path To Manjariya   | Under Agreement  | 2.945             | 0.600                                    | 9.893                          | Motorable & Traffic Restored. |
| Bagaha-I | Rupwariya Bandh to Nawalpur Nuniya Tola   | Under Agreement  | 6.480             | 0.260                                    | 14.579                         | Motorable & Traffic Restored. |
| Bagaha-I | Ahirauiya To Samarkol   | Under Agreement  | 4.400             | 0.250                                    | 6.157                          | Motorable & Traffic Restored. |
| Bagaha-I | Bishunpurwa to Bisinpurwa Bandh   | Under Agreement  | 1.110             | 0.150                                    | 4.909                          | Motorable & Traffic Restored. |
| Bagaha-I | NH 28 B PATH TO VARDHA  | Under Agreement  | 2.400             | 0.150                                    | 4.627                          | Motorable & Traffic Restored. |
| Bagaha-I | Part A Manjariya Mahdalit Tola to Khajuree  | Under Agreement  | 1.145             | 0.330                                    | 16.974                         | Motorable & Traffic Restored. |
| Bagaha-I | Kapardhika To Pathkhauli  | Under Agreement  | 10.200            | 0.125                                    | 18.25                          | Motorable & Traffic Restored. |
| Bagaha-I | PWD Road to Chandraha   | Under Agreement  | 8.350             | 0.050                                    | 2.001                          | Motorable & Traffic Restored. |
| Bagaha-I | Lagunaha to Bariwa Bandh  | Under Agreement  | 3.800             | 0.480                                    | 4.444                          | Motorable & Traffic Restored. |
| Bagaha-I | Parsauni To Murla   | Out of Agreement | 6.500             | 0.950                                    | 35.585                         | Motorable & Traffic Restored. |
| Bagaha-I | Gram Dumariya ke Melhuda Path me Bhaishahi Gram To Chhotki Bhaishahi Tak Maramati Karya | Out of Agreement | 1.930             | 0.220                                    | 5.191                          | Motorable & Traffic Restored. |
| Bagaha-I | Construction of road Dore Canal To Bholapur Kharhat                                     | Out of Agreement | 4.050             | 0.212                                    | 9.443                          | Motorable & Traffic Restored. |
| Bagaha-I | Kumhia se Siktia junc wali sadak me , inkaran kar                                       | Out of Agreement | 0.117             | 0.117                                    | 8.512                          | Motorable & Traffic Restored. |



# अधीक्षण अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य अंचल, बेतिया  
पत्रांक-1225 / 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,<br>सहायक अभियन्ता,<br>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,<br>सहायक अभियन्ता,<br>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,<br>सहायक अभियन्ता,<br>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 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।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बगहा-1 द्वारा उपलब्ध कराये गये मोटरेबुल 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 मोटरेबुल कार्य प्रमाणित है)।  
सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

*Sole*

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।

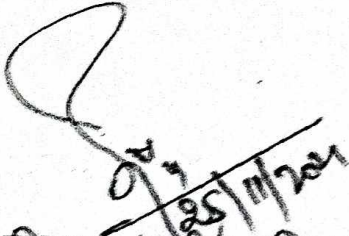
*25.11.21*

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बेतिया।

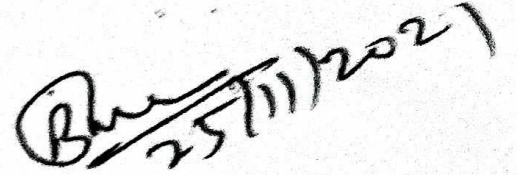


## घोषणा-पत्र

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



कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-1