



# 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 PMGSY**  
**Road To Nonia Tola Lakad**

LENGTH OF ROAD (in Km)- 1.01 KM

|                  |        |      |
|------------------|--------|------|
| ESTIMATED COST - | 12.888 | Lacs |
|------------------|--------|------|

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



## **TECHNICAL REPORT**

Name of Road :- Pmgsy Road to Noniwa Tola Laker

Name of Block:- Lauriya

Name of Division:- Bagaha-1

Name of District:- West Champaran

Estimated Cost:- Rs. 12.888 Lacs

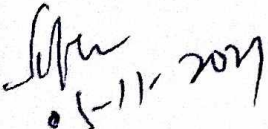
This Estimate is prepared for Restoration of Construction of Pmgsy Road to Noniwa Tola Laker under FDR as per the instruction of Secretary, Rural Works Department, Patna vide, 23 -60 /2020-1937 , Patna, Date- 07.07.2021. Road remains effected from flood about 01 to 02 weeks and heavy amount of water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

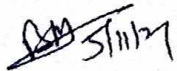
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran, Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been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

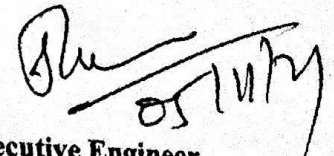
The area surrounding is submerged in water and hence provision of Bricks Bats/ Earth Work/Sand Filling/ Bamboo Piling/Hume Pipe has been made to maintain the road damage due to flood/heavy rainfall as per availability of material from available place by tractor. Presently there is no Contractor is employed 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. 12.888 Lacs please.

Submitted for Administrative Approval please.

  
Senior 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 PMGSY ROAD TO NONIA TOLA LAKAD

DISTRICT - WEST CHAMPARAN  
BLOCK - Lauriya

DIVISION - BAGAHA-1  
LENGTH OF ROAD (in Km)- 1.01 KM

| SL.<br>No. | Item of Work                               | Amount      |
|------------|--------------------------------------------|-------------|
| 1          | EARTH WORK                                 |             |
| 2          | BRICK BATS                                 | 0.182 Lacs  |
| 3          | SAND BAGS                                  | 9.497 Lacs  |
| 4          | BAMBOOS PILING AND RUNNER                  | 0.318 Lacs  |
| 5          | HUME PIPE                                  | 0.000 Lacs  |
|            | <b>COST OF RESTORATION</b>                 | 1.246 Lacs  |
|            | ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST | 11.243 Lacs |
|            | ADD LABOUR CESS @ 1%                       | 0.183 Lacs  |
|            | ADD GST @ 12%                              | 0.112 Lacs  |
|            |                                            | 1.349 Lacs  |
|            | <b>TOTAL COST OF RESTORATION OF ROAD</b>   | 12.888 Lacs |

*Safar*  
05-11-2021  
Junior Engineer

*[Signature]*  
Asstt. Engineer

*[Signature]*  
Executive Engineer

Sanctioned  
Technically approved Rs. 12.888 Lacs (Rupees Twelve Lacs eighty eight thousand eight hundred) only.

*[Signature]*  
25/11/21  
S.E.  
R.W.D. (W) Circle  
Bettiah



Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Road To Nonla Tola Lakad

ad - 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  |       |        | 135.79 | 134.33  | 18240.6707 |
|                | 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 diver and khalasi etc. all complete as per approved design, specification and direction of E/I.                               | cum  |    | As Per Appendix II |       |        | 463.64 | 2048.30 | 949673.81  |
|                | Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.                                                                                                                                                                                              | Nos. |    |                    |       |        | 1464   | 21.75   | 31842.00   |
|                | 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   |    | 8 Nos*2.5m         |       |        | 20.00  | 6227.55 | 124551.00  |
|                | 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   | 2601.94 | 0.00       |
| TOTAL (in Re.) |                                                                                                                                                                                                                                                                                                              |      |    |                    |       |        |        |         | 1124307.48 |

Sakar  
05-11-2024

Junior Engineer,  
Rural Works Department,  
Works Section, Lauriya

05/11/24

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

05/11/24

Executive Engineer,  
Rural Works Department,  
Works Division, BAGAHA-1



| 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-1 | Bishunpura to Brahman Tola                                 | Under Agreement  | 1.010             | 0.120                                    | 6.308                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PMGSY Telpur to Inarbarwa Litya                            | Under Agreement  | 2.545             | 0.235                                    | 9.886                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Parsauni (Pandey Nadi) PMGSY to<br>Parsauni Tola           | Under Agreement  | 0.905             | 0.125                                    | 3.257                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PMGSY Paroraha to Maltolwa Yadav<br>Tola                   | Under Agreement  | 2.205             | 0.115                                    | 4.127                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Road to Satwariya South                                | Under Agreement  | 0.605             | 0.055                                    | 1.705                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Pmgsy Road to Noniwa Tola Laker                            | Under Agreement  | 1.010             | 0.325                                    | 12.888                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Telpur to Islampur                                         | Under Agreement  | 1.670             | 0.090                                    | 2.59                           | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Paroraha to Lohar Tola                                     | Under Agreement  | 0.755             | 0.044                                    | 6.411                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | NH Road to Praua tola                                      | Under Agreement  | 0.885             | 0.025                                    | 1.45                           | Motorable & Traffic<br>Restored. |
| Bagaha-1 | L066 Parsauni Dih PMGSY Road to<br>Deurwa via Pandey Patti | Under Agreement  | 3.250             | 0.067                                    | 2.72                           | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Sathi Mukhya Path to Bahuarwa Bhedi<br>Hari Tola           | Under Agreement  | 1.600             | 0.220                                    | 5.013                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Siswaniya To Mahadalit Bastee                              | Under Agreement  | 1.775             | 0.070                                    | 5.98                           | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PMGSY Lachnauta Path Vridhavan<br>Harizan Tola (Dera Tola) | Under Agreement  | 1.120             | 0.030                                    | 2.074                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Paroraha To Badai Tola Paroraha                            | Under Agreement  | 0.665             | 0.130                                    | 1.778                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Barwa to Nawka Tola                                        | Under Agreement  | 0.855             | 0.166                                    | 17.58                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Pmgsy Road at Ganauli to Maal Tola                         | Under Agreement  | 1.300             | 0.107                                    | 7.412                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Khairatia Yoga Pati to Yadu Rai Tola<br>Barwa              | Under Agreement  | 1.500             | 0.093                                    | 8.736                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Ram Parsauna to Malahi Tola                                | Under Agreement  | 1.000             | 0.180                                    | 14.318                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Dhobani Tola to Pandey Tola                                | Under Agreement  | 2.165             | 0.582                                    | 12.384                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Baswariya to Baswariya North Tola                          | Under Agreement  | 0.770             | 0.100                                    | 2.625                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Chanpatia - Bashantpur                                 | Under Agreement  | 2.500             | 0.190                                    | 8.849                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Bagha - Dumara                                         | Under Agreement  | 6.500             | 0.072                                    | 24.393                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Bagha Siswania - Kataiya                               | Out of Agreement | 4.100             | 0.171                                    | 15.296                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Narkatiyaganj To Mathiya                               | Under Agreement  | 4.210             | 0.150                                    | 9.018 -                        | Motorable & Traffic<br>Restored. |
| Bagaha-1 | PWD Bettiah-Narkatiaganj road, Gulab<br>nagar to Daniyal   | Out of Agreement | 7.250             | 0.650                                    | 36.553                         | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Bahurwa Bherihari tola to Ramparsauna<br>tak               | Out of Agreement | 1.750             | 0.350                                    | 9.809                          | Motorable & Traffic<br>Restored. |
| Bagaha-1 | Laariva To Sisahahi                                        | Under Agreement  | 3.550             | 0.380                                    | 14.381                         | Motorable & Traffic<br>Restored. |



# अधीक्षण अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य अंचल, बेतिया

पत्रांक- 1325 / बेतिया दिनांक 14/11/2021

उपक-

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:-

महाशय,

वाट्स ऐप के माध्यम से प्राप्त विभागीय निदेश के आलोक में।

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,<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,

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 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।

सादर सूचनार्थ एवम् अग्रोत्तर 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।

*Ash*  
25.11.21

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बेतिया।

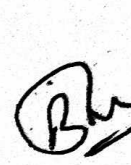


## घोषणा-पत्र

1. इस प्राक्कलन को असंबद्ध कार्यपालक अभियन्ता से जॉच 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