



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## PLAN HEAD- FDR YEAR 2021

DISTRICT :- WEST CHAMPARAN  
BLOCK :- BAGAHA-2

Scheme Head - Others (Out of Maintenance)

Estimate for Repair of Road breaches  
(Damaged by Flood) for Motorability in Done  
Canal To Kataiya

LENGTH OF ROAD (In Km)- 0.5 KM  
DAMAGED LENGTH (In Km)- 0.203 KM

|                              |
|------------------------------|
| ESTIMATED COST - 12.742 Lacs |
|------------------------------|

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

## TECHNICAL REPORT

Name of Road :- Don Cannal to Kataiya.

Name of Block :- Bagaha-2

Name of Division :- Bagaha-1

Name of District :- West Champaran

Estimated Cost :- Rs 12.742 Lacs

This Estimate is prepared for Restoration of Don Cannal to Kataiya.

.....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.

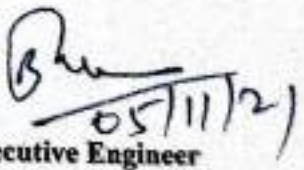
Honorable Chief Minister/Secratery, Rural Works Department, Bihar, Patna/D.M., West Champaran, Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the earliest so that public of this area may get connected and for the same Departmental instruction has also been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

The area surrounding is submerged in water and hence provision of Don Cannal to Kataiya - E/W, Bamboo piles, sand bags & brick bats 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. 12.742 Lacs. please.  
Submitted for Administrative Approval please.

  
Senior Engineer,  
Bagaha-2

  
Assistant Engineer,  
Bagaha-2

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



Scheme Head - Others (Out of Maintenance)

**GENERAL ABSTRACT OF COST**

**ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR  
MOTORIBILITY IN DONE CANAL TO KATAIYA**

DISTRICT - WEST CHAMPARAN

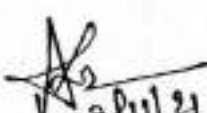
BLOCK - BAGAHA-2

DIVISION - BAGAHA-1

LENGTH OF ROAD (In Km)- 0.5 KM

DAMAGED LENGTH (In Km)- 0.203 KM

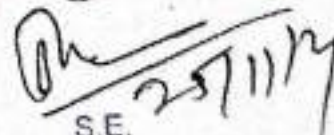
| SL.<br>No. | Item of Work                                 | Amount             |
|------------|----------------------------------------------|--------------------|
| 1          | EARTH WORK :                                 | 0.705 Lacs         |
| 2          | BRICK BATS :                                 | 7.438 Lacs         |
| 3          | SAND BAGS :                                  | 1.549 Lacs         |
| 4          | BAMBOOS PILING AND RUNNER :                  | 0.902 Lacs         |
| 5          | HUME PIPE :                                  | 0.000 Lacs         |
|            | <b>COST OF RESTORATION :</b>                 | <b>10.594 Lacs</b> |
|            | ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST : | 0.770 Lacs         |
|            | ADD LABOUR CESS @ 1% :                       | 0.106 Lacs         |
|            | ADD GST @ 12% :                              | 1.271 Lacs         |
|            | <b>TOTAL COST OF RESTORATION OF ROAD :</b>   | <b>12.742 Lacs</b> |

  
Junior Engineer

  
Asstt. Engineer  
*Sanctioned*

  
Executive Engineer

*Technically approved for Amt 12.742 Lacs (Rupees Twelve  
Lacs, Seventy four thousand two hundred) only including  
Asst. 1% cess & GST*

  
S.E.  
R.W.D. (W) Circle  
Bettiah

Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability In Done Canal To Katalya

Head - 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  |    |        |       |        | 525      | 134.33  | 70523.25   |
|                | 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 diver and khalasi making and maintaining diversion light barrier - do - do - danger signal etc. all complete              | cum  |    |        |       |        | 363.120  | 2048.30 | 743778.70  |
| 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  |    |        |       |        | 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. |    |        |       |        | 7876.000 | 19.67   | 154920.92  |
| 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   |    |        |       |        | 1190.000 | 47.61   | 56855.90   |
| 6              | Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every virtual 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   |    |        |       |        | 1250.000 | 26.85   | 33562.50   |
| 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   |    |        |       |        | 0.000    | 6506.21 | 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.) |                                                                                                                                                                                                                                                                                                              |      |    |        |       |        |          |         | 1059441.27 |

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     | 525.00                     | Earth                    | Cum  | 1.0            | 525.00                  | 34.82   | 18280.50  | 1828.05              | 1828.05           |
| Brick bats                                          | Cum     | 363.12                     | Brick bats               | Cum  | 1.2            | 435.74                  | 1549.51 | 675189.69 | 67518.97             | 67518.97          |
| Sand Bags                                           | per bag | 7876.00                    | sand                     | Cum  | 0.034          | 267.78                  | 286.55  | 76733.51  | 7673.35              | 7673.35           |
| 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 seginorage fee in construction (Rs) |         |                            |                          |      |                |                         |         |           |                      | 77020.37          |
|                                                     |         |                            |                          |      |                |                         |         |           |                      |                   |



# 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 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

अधीक्षण 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। कटायी गम्मा मोटरेबुल कार्य संतोषजनक है।  
सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।  
अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासमाजन,

Sat

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बेतिया।

ज्ञापांक- 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।

| Sl. No. | Road/Bridge Name                                                                                              | Status           | Length<br>(In KM) | Damage<br>Part Length<br>Daring<br>Foot | Estimated<br>Cost<br>(In Lakh) | Remarks                          |
|---------|---------------------------------------------------------------------------------------------------------------|------------------|-------------------|-----------------------------------------|--------------------------------|----------------------------------|
| 1       | Khanglur BWH Road To Panchsara<br>Chowk                                                                       | Under Agreement  | 0.895             | 0.105                                   | 1.734                          | Motorable & Traffic<br>Restored. |
| 2       | PMGSY Path Nalun to Dabhabra                                                                                  | Under Agreement  | 2.035             | 0.145                                   | 2.479                          | Motorable & Traffic<br>Restored. |
| 3       | Palwalda Bani To Pungu Pui                                                                                    | Under Agreement  | 4.543             | 0.135                                   | 2.532                          | Motorable & Traffic<br>Restored. |
| 4       | PMGSY Pachpura to Pancha                                                                                      | Under Agreement  | 2.900             | 0.520                                   | 9.187                          | Motorable & Traffic<br>Restored. |
| 5       | Sigader Harjan Toi to Birwadliya                                                                              | Under Agreement  | 1.785             | 0.105                                   | 4.048                          | Motorable & Traffic<br>Restored. |
| 6       | Phadane to Tarkatse                                                                                           | Under Agreement  | 2.035             | 0.480                                   | 7.946                          | Motorable & Traffic<br>Restored. |
| 7       | Mithnoli to Mithnawa                                                                                          | Under Agreement  | 2.337             | 0.370                                   | 18.027                         | Motorable & Traffic<br>Restored. |
| 8       | Harnatar to Kunai                                                                                             | Under Agreement  | 8.900             | 0.630                                   | 6.616                          | Motorable & Traffic<br>Restored. |
| 9       | PMGSY Singad to Bhadachaur                                                                                    | Under Agreement  | 1.480             | 0.144                                   | 1.81                           | Motorable & Traffic<br>Restored. |
| 10      | Bahmra Mukhya Path to Mainaha                                                                                 | Under Agreement  | 3.610             | 0.050                                   | 2.28                           | Motorable & Traffic<br>Restored. |
| 11      | Pachphodwa to Dhurnoli                                                                                        | Under Agreement  | 1.690             | 0.168                                   | 5.519                          | Motorable & Traffic<br>Restored. |
| 12      | PMGSY Amwa to Katharwa                                                                                        | Under Agreement  | 0.970             | 0.450                                   | 12.034                         | Motorable & Traffic<br>Restored. |
| 13      | Matiyariya to Katiya                                                                                          | Under Agreement  | 1.250             | 0.050                                   | 2.892                          | Motorable & Traffic<br>Restored. |
| 14      | PMGSY Madhnee to Madhnee<br>Baithwalia Madhnee                                                                | Under Agreement  | 2.390             | 0.210                                   | 2.404                          | Motorable & Traffic<br>Restored. |
| 15      | PMGSY Naurwa to Briywa                                                                                        | Under Agreement  | 1.600             | 0.460                                   | 5.082                          | Motorable & Traffic<br>Restored. |
| 16      | T01- Chamainia to Gonsuli Path                                                                                | Under Agreement  | 5.490             | 0.360                                   | 5.129                          | Motorable & Traffic<br>Restored. |
| 17      | Semhnee To Kari                                                                                               | Under Agreement  | 1.550             | 0.290                                   | 5.922                          | Motorable & Traffic<br>Restored. |
| 18      | Sonra To Tarunawa                                                                                             | Under Agreement  | 14.190            | 2.450                                   | 20.718                         | Motorable & Traffic<br>Restored. |
| 19      | Songadiwa To Naurangiya                                                                                       | Under Agreement  | 7.800             | 0.050                                   | 1.053                          | Motorable & Traffic<br>Restored. |
| 20      | Tonwa To tribhuanl                                                                                            | Under Agreement  | 6.200             | 0.090                                   | 4.289                          | Motorable & Traffic<br>Restored. |
| 21      | Harnatar to Bairiya Kala                                                                                      | Under Agreement  | 3.500             | 0.200                                   | 7.005                          | Motorable & Traffic<br>Restored. |
| 22      | Construction of road from Bahuarwa<br>Tharu Toi Khemraj Patwar's house To<br>Narayain Garh Tharu Toi          | Out of Agreement | 2.500             | 0.120                                   | 7.605                          | Motorable & Traffic<br>Restored. |
| 23      | Done canal to kataliya                                                                                        | Out of Agreement | 0.600             | 0.105                                   | 12.742                         | Motorable & Traffic<br>Restored. |
| 24      | Harnatar to Khajuri                                                                                           | Out of Agreement | 3.500             | 0.105                                   | 2.566                          | Motorable & Traffic<br>Restored. |
| 25      | L044-Rampurwa Balmikinagar Road<br>T01 to Parsauli (VR24) Parsauli to<br>Rampur valmikinagar rad at ch 2300 m | Under Agreement  | 74.840            | 0.100                                   | 7.361                          | Motorable & Traffic<br>Restored. |
| 26      | L024-Kataha T04 to Jamira (VR4)<br>Kanta to Jamira at ch 7872 m                                               | Under Agreement  | 27.270            | 0.100                                   | 1.588                          | Motorable & Traffic<br>Restored. |



## 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