



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## PLAN HEAD- FDR YEAR 2021-22

DISTRICT :- WEST CHAMPARAN  
BLOCK :- BAIRIA

Estimate for Repair of Road breaches  
(Damaged by Flood) for Moteribility in  
BETTIAH KHIRIYA GHAT To PATERWA  
GHAT

LENGTH OF ROAD (in Km)- 0.9 KM

|                  |       |      |
|------------------|-------|------|
| ESTIMATED COST - | 7.062 | Lacs |
|------------------|-------|------|

SUBMITTED BY:  
EXECUTIVE ENGINEER,  
RWD WORKS DIVISION,  
BETTIAH

## 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 / कनीय अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बेतिया।



कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बेतिया

# कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....347...../ बगहा-2, दिनांक.....22/11/2021

प्रेषक:-

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बगहा-2

सेवा में,

अधीक्षण अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, बेतिया।

विषय :-

कार्य प्रमंडल, बेतिया 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।

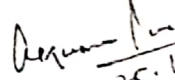
महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बेतिया 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, बेतिया द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।

सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु0- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

  
25.11.2021

सहायक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बगहा-2

कार्यपालक अभियन्ता  
ग्रा0का0वि0, का0प्र0, बगहा-2

|    |        |                                                                                                                                                                                        |        |        |
|----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|
| 12 | Bairia | Puja Sthan To Banrahi                                                                                                                                                                  | 1.7    | 5.81   |
| 13 | Bairia | Nimua Tola To Betia Tola                                                                                                                                                               | 2.15   | 2.057  |
| 14 | Bairia | Baghamberpur - Bintoli (L036)                                                                                                                                                          | 3.12   | 1.738  |
| 15 | Bairia | PALGIRWA - GADIYANI                                                                                                                                                                    | 1.91   | 3.28   |
| 16 | Bairia | L038 Manwa Pul to Bhanduliyi Tola                                                                                                                                                      | 0.984  | 1.646  |
| 17 | Bairia | Bettiah(Sant Ghat) to Pujahaw (103)                                                                                                                                                    | 12     | 23.072 |
| 18 | Bairia | Islam Chowk to Bathni Road                                                                                                                                                             | 2.5    | 14.261 |
| 19 | Bairia | Lumakaria chowk to bhutaha via motihari tar                                                                                                                                            | 3.5    | 11.811 |
| 20 | Bairia | SAAKAHIYA MAI STHAN to PHULIYA KHAND<br>SAMADHIWA                                                                                                                                      | 0.71   | 2.86   |
| 21 | Bairia | Repair of road from Betiya Sant Ghat to Pakhnaha                                                                                                                                       | 11.05  | 6.526  |
| 22 | Bairia | Repair of road from Betiya Khiriyi Ghat to Paterwa Ghat                                                                                                                                | 12.04  | 7.062  |
| 23 | Bairia | Daroga Ram Ke Ghar To Kolwa Ghat                                                                                                                                                       | 0.88   | 5.439  |
| 24 | Bairia | PUJAH BRAHAMAN TOLI to RAMADHAR SINGH TOLA                                                                                                                                             | 1.64   | 3.478  |
| 25 | Bairia | DHANGAR TOLI to CHAMAR TOLI                                                                                                                                                            | 1.81   | 1.924  |
| 26 | Bairia | Pokhari Tola Near Rambabu Shah to Dhobi Yadav Tola                                                                                                                                     | 0.86   | 1.868  |
| 27 | Bairia | L038 to Sirisiya Kothi                                                                                                                                                                 | 1.45   | 4.598  |
| 28 | Bairia | Majharia Pitch Road to Refugee Colony                                                                                                                                                  | 1.49   | 3.003  |
| 29 | Bairia | Pakhnaha Pitch Road to Kohirapatti                                                                                                                                                     | 0.92   | 3.594  |
| 30 | Bairia | L025-T01 Laukharla to Kahni Tola (TRACK25)                                                                                                                                             | 2.866  | 5.468  |
| 31 | Bairia | L067-Motipur Pitch Road To Motipur Nayaka Tola (TRACK67)                                                                                                                               | 0.546  | 3.285  |
| 32 | Bairia | L088-Loukariya Pitch Road Mugahi Tola To Murgahi Tola<br>(TRACK88)                                                                                                                     | 1.887  | 5.057  |
| 33 | Bairia | Machharghaon - Fuliyakhand                                                                                                                                                             | 3      | 4.181  |
| 34 | Bairia | PALGIRWA - GODIANI                                                                                                                                                                     | 2      | 10.166 |
| 35 | Bairia | L034-T02 TO SISWA SAREA (TRACK34)                                                                                                                                                      | 2.19   | 11.039 |
| 36 | Bairia | L051-Sahi Tola to Matia Bandobasti (TRACK51)                                                                                                                                           | 2.804  | 2.791  |
| 37 | Bairia | L091-Dubaulia Bairiya To Ahir Tola (TRACK91)                                                                                                                                           | 1.64   | 6.547  |
| 38 | Bairia | Pashim champaran jila antergant karya pramandal bettiah<br>antergat bariya prakhand ke chandrawat nadi ke snatghat par<br>chhtigrast pul ke asthan par high Level RCC Bridge ka Nirman | 30.22  | 1.461  |
| 39 | Nautan | L022 To Mallahi Tola                                                                                                                                                                   | 1.305  | 2.406  |
| 40 | Nautan | Repair of road from Nautan to Tengrahi Ghat                                                                                                                                            | 8.1    | 15.262 |
| 41 | Nautan | WORLD BANK - KHALWA                                                                                                                                                                    | 3.729  | 1.002  |
| 42 | Nautan | Jagdishpur Mukhya Marg to Machhargawan path                                                                                                                                            | 7.35   | 23.705 |
| 43 | Nautan | Jagdishpur - Machhargawn                                                                                                                                                               | 7.35   | 23.821 |
| 44 | Nautan | Koiri Tola to T01                                                                                                                                                                      | 2.58   | 4.987  |
| 45 | Nautan | T05 To Kurum Tola                                                                                                                                                                      | 1.7    | 2.206  |
| 46 | Nautan | L074-Dawariya Pitch Road to Mushar Tola Bard No.6<br>(TRACK74)                                                                                                                         | 0.527  | 0.545  |
| 47 | Nautan | K.R. Hight School to Sofwa toli                                                                                                                                                        | 1.5    | 14.377 |
| 48 | Nautan | South Telua Pokhar Chowk To Ahir Tola (Brahman Tola)                                                                                                                                   | 2.45   | 2.251  |
| 49 | Nautan | Halkorwa BT Road - Ghamaria                                                                                                                                                            | 2.75   | 3.683  |
| 50 | Nautan | Betiya jila antargat sitaram paswan ke ghar se bhaya gahri misan<br>pachaim champaran sima tak.                                                                                        | 12.025 | 15.432 |
| 51 | Nautan | Kathaiya baikunthwa road to nakti paterwa                                                                                                                                              | 0.3    | 25.401 |

*[Signature]*  
Executive Engineer  
RWD (W). Div.-Baqaha-2

## GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR  
MOTERIBILITY IN BETTIAH KHIRIYA GHAT TO PATERWA GHAT

DISTRICT - WEST CHAMPARAN

DIVISION - BETTIAH

BLOCK - BAIRIA

LENGTH OF ROAD (in Km)- 0.9 KM

| SL. No. | Item of Work                               | Amount            |
|---------|--------------------------------------------|-------------------|
| 1       | EARTH WORK                                 | 0.000 Lacs        |
| 2       | BRICK BATS                                 | 5.985 Lacs        |
| 3       | SAND BAGS                                  | 0.000 Lacs        |
| 4       | BAMBOOS PILING AND RUNNER                  | 0.000 Lacs        |
| 5       | HUME PIPE                                  | 0.000 Lacs        |
|         | <b>COST OF RESTORATION</b>                 | <b>5.985 Lacs</b> |
|         | ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST | 0.519 Lacs        |
|         | ADD LABOUR CESS @ 1%                       | 0.043 Lacs        |
|         | ADD GST @ 12%                              | 0.515 Lacs        |
|         | <b>TOTAL COST OF RESTORATION OF ROAD</b>   | <b>7.062 Lacs</b> |

  
Junior Engineer

  
Asstt. Engineer

  
Executive Engineer

*Sanctioned*  
Technically approved for Rs. 7.062 lakh [Seven lakh  
Six thousand Two Hundred) only.

  
Superintendent Engineer  
Rural Works Department  
Works Circle, Bettiah  
Govt. of Bihar

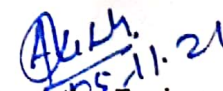
Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in BETTIAH KHIRIYA GHAT To PATERWA GHAT

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  |    | As Per Appendix I      |       |        | 0       | 134.33  | 0         |
|                | Providing 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 driver and khalasi making and maintaining diversion light barrier - do - do - danger signal etc. all complete .               | cum  |    | As Per Appendix II     |       |        | 0.000   | 0.00    | 0.00      |
|                | 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 |       |        | 279.330 | 2142.53 | 598472.90 |
|                | Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.                                                                                                                                                                                              | Nos. |    | As per Mesurment Sheet |       |        | 0.000   | 19.67   | 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   |    | As per Mesurment Sheet |       |        | 0.000   | 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   |    | As per Mesurment Sheet |       |        | 0.000   | 26.85   | 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             |       |        | 0.000   | 2571.34 | 0.00      |
| TOTAL (in Re.) |                                                                                                                                                                                                                                                                                                              |      |    |                        |       |        |         |         | 598472.90 |

  
Junior Engineer,  
Rural Works Department,  
Works Section, BAIRIA

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

  
Executive Engineer,  
Rural Works Department,  
Works Division, BETTIAH