

# RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division , Kishanganj-1

Name of Work :- BASTAKOLA PMGSY ROAD TO BAIRBANNA

Block :- KOCHADHAMAN

Total Length:- 1.765 KM

Damage Length:- 0.038 KM

Estimated cost :- Rs 1140893.00

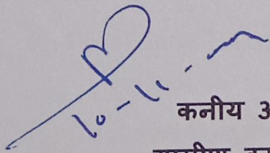
Year : 2021-22

## प्रतिवेदन

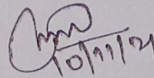
प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-1 अंतर्गत कोचाधामन प्रखंड के पथ "BASTAKOLA PMGSY ROAD TO BAIRBANNA" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाढ़ 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है। इस कार्य को कराने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक:- मु0अ0- 4 (मु0) विविध कार्य- 23-60/2020 - 1937 / पटना, दिनांक- 07.07.2021 से प्राप्त है। इस पत्र से Real time geo-tagged photograph को कार्य के दौरान अपलोड करते हुए (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है।

उक्त निर्देश के आलोक में Mahananda River नदी/नदी उपधार से आए बाढ़ के कारण इस पथ के Road way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है। MIS में अपलोडेड फोटो दिनांक 24/08/2021 का Lat/Long के साथ लिया गया है। नेपाल तराई से निकलने वाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी। Motorable कार्य में आवश्यकता अनुसार Bamboo Pilling / Pitching of E.C. Bags filled with local sand / Local sand filling / Brick bats का इस्तेमाल किया गया है। Motorable कार्य कराकर यातायात बहाल कर दिया गया है। निर्देशानुसार कराये गए कार्य का Geo-tagged photo real time के साथ MIS पर अपलोड है। MIS की छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति, दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है। प्राक्कलन में प्रयुक्त दर अद्धतन है।

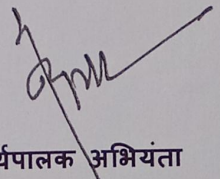
प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके।



कनीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रशाखा- कोचाधामन



सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल- कोचाधामन



कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, किशनगंज -1

## Inspection Report for Flood Damage Work

1. Name of PIUs

: Kishanganj-1

2. Name Of Block / Road

: Bastakola pmsy Road to  
Barbana

### A. For Road

1. Damage Location / Chainage

:

2. Damage Length

:

38m

3. Nature Of Damage

: Damage and washout

4. Details Of Restoration

:

i) Material Being Used In Restoration

: sand, cement bag, Bamboo, Brick bats

ii) Equipment / Tools Being Used In Restoration Works

: Tractor

iii) Procedure Taken Up In Restoration Works

: manually

iv) Restored Length

:

38m

### B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

NA

4. Details Of Restoration

:

i) Material Being Used In Restoration

:

ii) Equipment / Tools Being Used in Restoration Works

:

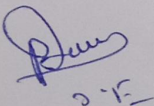
iii) Procedure Taken Up In Restoration Works

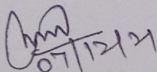
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iv) Restored Length

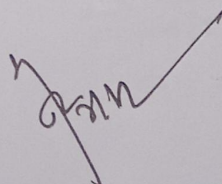
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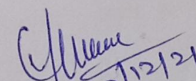
Satisfactory

  
20.12

  
01/12/21

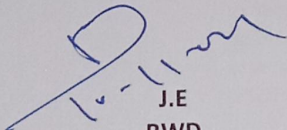
Signature of JE / AE / EE

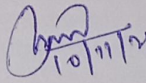


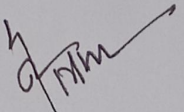
  
21/12/21  
कार्य विभाग  
ग्रामीण कार्य विभाग  
(Name Of Inspector)

### ABSTRACT OF COST

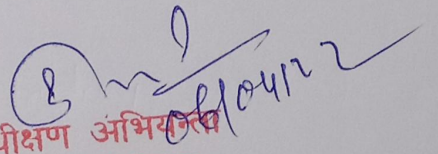
| Name of Work :-                 |                                   | BASTAKOLA PMGSY ROAD TO BAIRBANNA |
|---------------------------------|-----------------------------------|-----------------------------------|
| Block :-                        |                                   | KOCHADHAMAN                       |
| Sl. No.                         | Particulars                       | Amount (In Rs.)                   |
| A                               | Cost of Restoration work :-       | Rs 981892.00                      |
| B                               | Add 12 % GST                      | Rs 117827.00                      |
| C                               | Add 1 % L. Cess                   | Rs 9819.00                        |
| D                               | Add S.Fee @ 10 % of Material Cost | Rs 31355.00                       |
| Total Cost with GST, LC & S.Fee |                                   | Rs 1140893.00                     |

  
J.E  
RWD  
KOCHADHAMAN

  
A.E  
R.W.D  
KOCHADHAMAN

  
E.E  
R.W.D  
Kishanganj - I

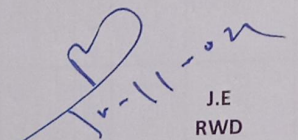
Technically Sanctioned for Rs 11,40,893.00 (Eleven Lakhs Forty Thousands Eight Hundred Ninety Three) only

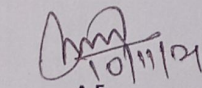
  
Pallavi  
06/04/22  
E.O

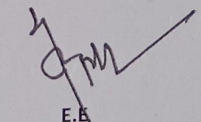
अधीक्षण अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज

# Detailed Estimate

| Name of Work :- BASTAKOLA PMGSY ROAD TO BAIRBANNA |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |            |           |            |        |      |            |                  |
|---------------------------------------------------|-------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------|-----------|------------|--------|------|------------|------------------|
| Sl. No.                                           | SDB Sl. No. | MORD Ref.No | Description                                                                                                                                                                                                                                                                                                                                                                                                                | No. | No. | Length (M) | Width (M) | Height (M) | Qty.   | Unit | Rate (Rs.) | Amount (Rs.)     |
| 1                                                 | WRD         | 5.7.7       | Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I                                                                                                                                                                                                                                     | 2   | 50  | 3.50       | -         | -          | 350.00 |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   | 50  | 3.50       | -         | -          | 350.00 |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   | 34  | 3.50       | -         | -          | 238.00 |      |            |                  |
|                                                   |             |             | Total:-                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |            |           |            | 938.00 | Mtr. | 55.40      | 51965.00         |
| 2                                                 | WRD         | 5.7.9       | Supplying, fitting and fixing 62 mm to 75 mm 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, all material and labour complete job as per specification and direction of E/I.                                                                                                                                                        | 2   | 2   | 15.00      | -         | -          | 60.00  |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   | 2   | 15.00      | -         | -          | 60.00  |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 2   | 2   | 7.50       | -         | -          | 30.00  |      |            |                  |
|                                                   |             |             | Total:-                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |            |           |            | 150.00 | Mtr. | 30.87      | 4631.00          |
| 3                                                 | WRD         | 5.7.40      | <b>Brick bats</b><br>Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I                                                                                                                                                                                                                                                                    | 1   | 2   | 15.00      | 0.90      | 1.10       | 29.70  |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   | 2   | 15.00      | 0.90      | 1.00       | 27.00  |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   | 1   | 7.50       | 7.60      | 2.50       | 142.50 |      |            |                  |
|                                                   |             |             | Total:-                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |            |           |            | 199.20 | Cum  | 2168.72    | 432009.00        |
| 4                                                 |             | 5.7.53      | <b>Providing and filling empty cement bags</b><br>Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I. | 1   | 2   | 15.00      | 1.20      | 4.50       | 162.00 |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   | 2   | 15.00      | 1.20      | 3.50       | 126.00 |      |            |                  |
|                                                   |             |             |                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   | 2   | 7.50       | 1.20      | 8.50       | 153.00 |      |            |                  |
|                                                   |             |             | Total:-                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |            |           |            | 441.00 | Cum  |            |                  |
|                                                   |             |             | @ 0.034 Cum each bag                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |            |           |            | 12971  | No.  | 38.03      | 493287.00        |
|                                                   |             |             | <b>TOTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                               |     |     |            |           |            |        |      |            | <b>981892.00</b> |

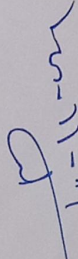
  
 J.E  
 RWD  
 KOCHADHAMAN

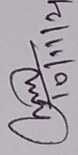
  
 A.E  
 R.W.D  
 KOCHADHAMAN

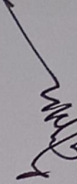
  
 E.E  
 R.W.D  
 Kishanganj - I

# **ABSTRACT OF QUANTITY & COST**

| Sl No | Item of Works                                          | Quantity         | Unit | Earth Work | Stone Materials  |                  |              | Brick Bats                   | Local Sand | Total               |
|-------|--------------------------------------------------------|------------------|------|------------|------------------|------------------|--------------|------------------------------|------------|---------------------|
|       |                                                        |                  |      |            | 26.5mm to 9.50mm | 9.50mm to 4.75mm | 4.75mm below |                              |            |                     |
| 1     | Earth Work:-                                           | 0.00             | Cum  | 0.000      | -                | -                | -            | -                            | -          |                     |
| 2     | GSB (Gr.-II):-                                         | 0.00             | Cum  | -          | 0.000            | 0.000            | 0.000        | -                            | -          |                     |
| 3     | Brick Bats:-                                           | 199.20           | Cum  | -          | -                | -                | -            | 239.040                      | -          |                     |
| 4     | Local Sand Filling:-                                   | 0.00             | Cum  | -          | -                | -                | -            | -                            | 0.000      |                     |
| 5     | Providing & Filling Empty Cement Bags:-                | 12971.00         | No.  | -          | -                | -                | -            | -                            | 441.014    |                     |
| 6     | Providing & Filling Empty Cement Bags in Nylon Crate:- | 0.00             | No.  | -          | -                | -                | -            | -                            | 0.000      |                     |
|       |                                                        | Total Quantity:- |      | 0.000      | 0.000            | 0.000            | 0.000        | 239.040                      | 441.014    |                     |
|       |                                                        | Rate:-           |      | Rs 34.78   | Rs 285.35        | Rs 285.35        | Rs 285.35    | Rs 1050.00                   | Rs 141.85  |                     |
|       |                                                        | Total Amount:-   |      | 0.00       | 0.00             | 0.00             | 0.00         | 250992.00                    | 62558.00   | <b>Rs 313550.00</b> |
|       |                                                        |                  |      |            |                  |                  |              | <b>S.Fee@10% of M.Cost:-</b> |            | <b>Rs 31355.00</b>  |

  
 JE/RWD  
 KOCHADHAMAN

  
 AE/RWD  
 KOCHADHAMAN

  
 EE/RWD  
 Kishanganji-1