

# RURAL WORKS DEPARTMENT

S.No - 63

+ M.B.



## GOVERNMENT OF BIHAR

NAME OF ROAD:- RESTORATION OF ROAD FROM KHAWASHPUR TO  
SORRY TOLA

DIVISION:- R.W.D, WORKS DIVISION, FORBESGANJ

CIRCLE:- R.W.D, WORK CIRCLE, KISHANGANJ

BLOCK:- FORBESGANJ

### ESTIMATED COST

3393612.00

## Inspection Report for Flood Damage Work

1. Name of PIUs : EE RWD Forbelgaj
2. Name Of Block / Road : Forbelgaj
- A. For Road
1. Damage Location / Chainage : 26.239601, 89, 3831.
2. Damage Length : 60+25+30+68= 183 m
3. Nature Of Damage : Flood damage depth up to 3m
4. Details Of Restoration : Filling all cut properly in damage area
- i) Material Being Used In Restoration : Local sand, brickbats, EE bags, bamboo poles
- ii) Equipment / Tools Being Used In Restoration Works : Tractor, JCB, Digger, Plough
- iii) Procedure Taken Up In Restoration Works : Filling all cuts in damage area
- iv) Restored Length : 183 m
- B. For Bridge
1. Damage Location / Chainage :
2. Damage Length :
3. Nature Of Damage :
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 :
- iv) Restored Length :

N/A

Signature of JE / AE / EE

Signature  
(Name Of Inspector)

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, फारविसगंज अंतर्गत  
 ५। विभाग प्रखंड के पथ खेत/मृदा की खेती/टैला  
 जो विभागीय

जो विभागीय Online Monitoring System 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 के 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 पामा नदी/नदी उपधार एवं अतिवृष्टि से आए बाढ़ के कारण इस पथ के Road Way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है। नेपाल तराई से निकलने वाली इस नदी के तेज धार एवं अतिवृष्टि 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 गये Geo-tagged Photograph 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 अदधतन है।

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

कनीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रशाखा-

सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल-

C  
26/9  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, फारबिसगंज

## Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads  
Damaged during flood in JULY 2020 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM KHAWASHPUR TO SORRY TOLA

Block: FORBESGANJ

District: ARARIA

Divison : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

| Sl No. | Description                                                                                                                                                                                                                                               | Unit | Quantity<br>(m3) | Rate<br>(Rs) | Amount<br>(Rs) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|--------------|----------------|
| 1      | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.                                                                                                               |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           | Cum  | 1956.19          | 627.77       | 1228040.45     |
| 2      | Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.                                                                          |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           | Mtr. | 2196.00          | 75.86        | 166585.49      |
| 3      | Labour for fitting & fixing 62mm to 75mm 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 all complete job as per specification & direction of Engineer-in-Charge. |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           | Mtr. | 1506.00          | 40.06        | 60331.22       |
| 4      | Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.                                                                                                                                 |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           | Each | 25871.30         | 37.35        | 966208.13      |
| 5      | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                                                                                                                                           |      |                  |              |                |
|        |                                                                                                                                                                                                                                                           |      |                  |              |                |

|   |                                                                                  |       |        |         |            |
|---|----------------------------------------------------------------------------------|-------|--------|---------|------------|
|   |                                                                                  | Cum   | 130.28 | 1851.91 | 241258.04  |
| 6 | Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job. |       |        |         |            |
|   |                                                                                  | meter | 70.00  | 5251.25 | 367587.21  |
|   | TOTAL AMOUNT =                                                                   |       |        |         | 3030011.00 |
|   | ADD 12.00 %GST=                                                                  |       |        |         | 363601.00  |
|   | SAY TOTAL AMOUNT =                                                               |       |        |         | 3393612.00 |

*[Signature]*  
JE

*[Signature]*  
AE

*[Signature]*  
E.E.

RWD WORKS DIV.  
FORBESGANJ

RWD WORKS DIV. FORBESGANJ

RWD WORKS DIV. FORB

Ref. E.E. Letter No. 1561(3170) DL 28/4/22

Technically Sanctioned For Rs. 33,93,612.00

(Rupees Thirty three lacs twenty three

thousand six hundred twelve. Only  
*[Signature]*  
11/4/22

*[Signature]*  
28/4/22  
Superintending Engineer  
Rural Works Department  
Works Circle, Kishanganj

### Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads  
Damaged during flood in JULY 2019 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM KHAWASHPUR TO SORRY TOLA

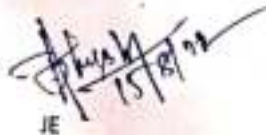
Block:FORBESGANJ

District: ARARIA

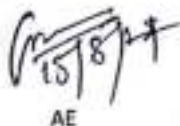
Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, Kishanganj

| Sl No.                 | Description                                                                                                                                                                                                                                               | Unit  | Quantity (m3) | Rate (Rs) | Amount (Rs) |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|-----------|-------------|
| 1                      | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.                                                                                                               |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | Cum   | 1956.19       | 627.77    | 1228040.45  |
| 2                      | Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.                                                                          |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | Mtr.  | 2196.00       | 75.86     | 166585.49   |
| 3                      | Labour for fitting & fixing 62mm to 75mm 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 all complete job as per specification & direction of Engineer-in-Charge. |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | Mtr.  | 1506.00       | 40.06     | 60331.22    |
| 4                      | Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.                                                                                                                                 |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | Each  | 25871.30      | 37.35     | 966208.13   |
| 5                      | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                                                                                                                                           |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | Cum   | 130.28        | 1851.91   | 241258.04   |
| 6                      | Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.                                                                                                                                                                          |       |               |           |             |
|                        |                                                                                                                                                                                                                                                           | meter | 70.00         | 5251.25   | 367587.21   |
| Total Amount (in Rs) = |                                                                                                                                                                                                                                                           |       |               |           | 3030010.54  |

  
JE

RWD WORKS DIV.  
FORBESGANJ

  
AE

RWD WORKS DIV. FORBESGANJ

  
E.E.

RWD WORKS DIV. FORBES

Name of Road:

## Detailed Estimate

## RESTORATION OF ROAD FROM KHAWASHIPUR TO SORRY TOLA

| Sl No. | Items of Works                                                                                                                                                                                                                                            | Nos. | L (m) | B (m)       | D (m) IN (Avg.)                      | Quantity (m <sup>3</sup> ) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|--------------------------------------|----------------------------|
| 1      | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.                                                                                                               |      |       |             |                                      |                            |
|        |                                                                                                                                                                                                                                                           | 1    | 60.00 | (8.5+5.4)/2 | (10+1.5+2.8)/2                       | 1128.00                    |
|        |                                                                                                                                                                                                                                                           | 1    | 25.00 | (8.5+5.4)/2 | (10+1.5+2.8)/2                       | 470.00                     |
|        |                                                                                                                                                                                                                                                           | 1    | 30.00 | (7.5+1.8)/2 | (1.8+1.8)/2                          | 109.85                     |
|        |                                                                                                                                                                                                                                                           | 1    | 68.00 | (7.5+1.8)/2 | (1.8+1.8)/2                          | 248.54                     |
|        |                                                                                                                                                                                                                                                           | 1    | 0.00  | 0.00        | 0.00                                 | 0.00                       |
|        |                                                                                                                                                                                                                                                           |      |       |             | TOTAL=                               | 1956.39                    |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total Qty =                          | 1956.39                    |
| 2      | Labour for cutting 62mm to 75mm dia bamboo poles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.                                                                          |      |       |             |                                      |                            |
|        |                                                                                                                                                                                                                                                           | 2    | 60.00 | 3.00        | 2.00                                 | 720.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 25.00 | 3.00        | 2.00                                 | 300.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 30.00 | 3.00        | 2.00                                 | 360.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 68.00 | 3.00        | 2.00                                 | 816.00                     |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total Qty =                          | 2196.00                    |
| 3      | Labour for filling & fixing 62mm to 75mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 30 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-Charge. |      |       |             |                                      |                            |
|        |                                                                                                                                                                                                                                                           | 2    | 60.00 | 3.00        |                                      | 360.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 25.00 | 3.00        |                                      | 150.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 30.00 | 3.00        |                                      | 180.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 68.00 | 3.00        |                                      | 408.00                     |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total Qty =                          | 1098.00                    |
| 2      | Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.                                                                                                                                 |      |       |             |                                      |                            |
|        |                                                                                                                                                                                                                                                           | 2    | 60.00 | (3.8+1.2)/2 | (3.8+3.5+2.8)/3                      | 876.00                     |
|        |                                                                                                                                                                                                                                                           | 2    | 25.00 | (3.8+1.2)/2 | (3.8+3.5+2.8)/3                      | 156.67                     |
|        |                                                                                                                                                                                                                                                           | 2    | 30.00 | (3.8+0.4)/2 | (3.8+1.8)/2                          | 61.20                      |
|        |                                                                                                                                                                                                                                                           | 2    | 68.00 | (3.8+0.4)/2 | (3.8+1.8)/2                          | 188.72                     |
|        |                                                                                                                                                                                                                                                           |      |       |             | TOTAL=                               | 732.59                     |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total No. of EC Bags =253.45(35.315) | 25871.30                   |
|        |                                                                                                                                                                                                                                                           |      |       |             | SAY NO OF BAGS=                      | 25871                      |
| 3      | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and tying of bats, all complete job.                                                                                                                                           |      |       |             |                                      |                            |
|        |                                                                                                                                                                                                                                                           | 1    | 90.00 | 3.00        | 0.15                                 | 67.50                      |
|        |                                                                                                                                                                                                                                                           | 1    | 95.00 | 4.50        | 0.15                                 | 62.78                      |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total Qty. =                         | 130.28                     |
| 4      | Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.                                                                                                                                                                          | 14   | 2.00  | 2.50        |                                      | 70.00                      |
|        |                                                                                                                                                                                                                                                           |      |       |             | Total Qty. =                         | 70.00                      |

JE 15/8/22  
AE 15/8/22

C  
15/8/22

RWS WORKS DIV. NARPAIGANJ

RWS WORKS DIV. NARPAIGANJ

RWS WORKS DIV. FORBESGANJ

# खवासपुर से सौरी रोता Culling- No-1



15/8/21  
 15/8/21



4/5/8/2021  
 5/1/8/2021



15/8/21  
 16/8/21



*Handwritten signature*  
 15/8/21  
 S.C.

*Handwritten signature*  
 15/8/21  
 S.C.



AP  
 15/8/21  
 J.E



15/8/21  
 J.B.

15/8/21  
 J.B.



*Handwritten signature*  
 15/8/21  
 J.D.

*Handwritten signature*  
 15/8/21  
 J.C.



H. H. H. H. H.  
 15/12/21  
 3.0

19/8/24  
 1.0



15/8/21  
 5-02  
 18/8/21  
 DC



Handwritten signatures and dates:  
 15/8/21  
 15/8/21

