

# RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

|                   |                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------|
| Name of Work :-   | Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in Pmgsy Road to Tarabari |
| Block :-          | KISHANGANJ                                                                                                 |
| Length of Road:-  | 1.5 KM                                                                                                     |
| Damage Length:-   | 39.5 M                                                                                                     |
| Estimated cost :- | Rs 419815.00                                                                                               |

Year : 2024-25

## INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- E. E. Work divn. Kishanganj-1

Name of Block/Road :- Kishanganj / PMUSY Road to Tarabari

### A. For Road

1. Damage Location/Chainage :- Ch. 340.00 M

2. Damage Length :- 39.50 M

3. Nature of Damage (Length Wise) (i) Breach :- 39.50 M  
(ii) Crust Damage :- 39.50 M  
(iii) Only Flank Damage :-

whether traffic fully/Partially obstructed :- Traffic Fully obstructed

### 4. Details of Restoration :-

(i) Material Being Used in Restoration :- Brick bats, Earth Filling, Bamboo

(ii) Equipment/Tools Being Used in Restoration Works :- Tractor, JCB Machine

(iii) Restored Length  
In open Area :- 39.50 M  
In habitation Area :-

(iv) If Restoration work done in habitation Area give Reason :-

### B. For Bridge (Size of Bridge/Culvert)

1) Damage Location/Chainage :-

2) No. of Span Damage :-

3) Length of Span :-

4) Nature of Damage (Pier/Abutment/  
Wing Wall/Approach Road Damage) :-

### 5) Details of Restoration :-

(i) Material Being Used in Restoration :-

(ii) Equipment/Tools Being Used in Restoration Works :-

(iii) Restored Length :-

Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-

Chait  
12/11/24  
12/11/24  
AE

Signature of Inspector  
(Official Seal)



## TECHNICAL REPORT

**Name of Work:-** Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in PMGSY Road to Tarabari

**Block:-** Kishanganj

**Estimated Cost :-**419815.00

The work done estimate has been framed for the restoration (motorable) of traffic for the above road which was damage/washout during the year 2024-25 flood. This Estimate is prepared for restoration work under FDR as per the instruction of Engineer-in-Chief Rural Works Department Patna Vide Letter No. FDR-03-01/2024-89

(A) Source of materials

i) Brick Bats- Local Kiln

ii) Fine sand-Local

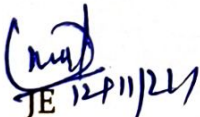
iii) Cement bags-Local market

iv) Bamboo-Local

v) Eart- Private land from 1000m lead

vi) Hume pipe- Purnea

(B) **Rate** Carraige has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carraige of materials has been added to finished rate. Basic rates are evaluated from rate of approved by State schedule rate committee. 18% GST, 1% L.cess and S.fee has been added in the estimate with final rate of the executed items



RWD(W) Sub Division  
Kishanganj



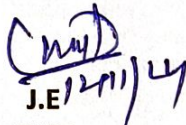
AE  
RWD(W) Sub Division  
Kishanganj



Executive Engineer  
RWD(W) Division  
Kishanganj-1

### ABSTRACT OF COST

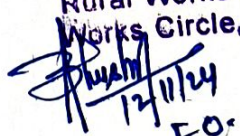
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|-----------------|------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Name of Work :- |                                          | Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in Pmgsy Road to Tarabari |
| Block :-        |                                          | Kishanganj                                                                                                 |
| Sl. No.         | Particulars                              | Amount (In Rs.)                                                                                            |
| A               | Cost of Restoration work :-              | Rs 404814.75                                                                                               |
| B               | Add Drone Videography Charge three times | Rs 15000.00                                                                                                |
|                 | Total Cost with GST, LC & S.Fee          | Rs 419815.00                                                                                               |

  
J.E.  
RWD  
Kishanganj

  
A.E.  
R.W.D  
Kishanganj

  
E.E.  
R.W.D  
Kishanganj - I

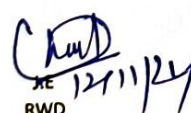
Technically approved for Rs 4,19815 (Rupees Four ~~thousand~~  
Nineteen thousand Eight hundred, Fifteen) only

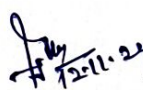
  
Superintending Engineer  
Rural Works Department  
Works Circle, Kishanganj  
  
E.O.



**Detailed Estimate**

| Name of Work :- |             |               | Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in Pmgsy Road to Tarabari                                                                                                                                                                                                                                                               |     |     |            |                   |                    |         |      |            |                  |
|-----------------|-------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------|-------------------|--------------------|---------|------|------------|------------------|
| 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                                                                                                                                                                                   |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 50  | 5.00       | -                 | -                  | 250.00  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 76  | 6.00       | -                 | -                  | 456.00  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 95  | 5.50       | -                 | -                  | 522.50  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 45  | 4.80       | -                 | -                  | 216.00  |      |            |                  |
|                 |             |               | Total:-                                                                                                                                                                                                                                                                                                                                                                  |     |     |            |                   |                    | 1444.50 | Mtr. | 69.19      | 99939.00         |
| 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.                                                                                                      |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 15  | 17.00      | -                 | -                  | 255.00  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 10  | 13.00      | -                 | -                  | 130.00  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 8   | 15.00      | -                 | -                  | 120.00  |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 1   | 12  | 19.00      | -                 | -                  | 228.00  |      |            |                  |
|                 |             |               | Total:-                                                                                                                                                                                                                                                                                                                                                                  |     |     |            |                   |                    | 733.00  | Mtr. | 35.95      | 26351.00         |
| 3               | WRD         | 5.7.9         | Providing and Laying RCC Pipe NP-3 In 1000mm Dia double row for culverts on first class bedding of with collar do-do.....                                                                                                                                                                                                                                                |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | At- ch.340 m                                                                                                                                                                                                                                                                                                                                                             | 2   | 2   | 2.50       |                   |                    | 10.00   | Mtr. |            |                  |
|                 |             |               | Total:-                                                                                                                                                                                                                                                                                                                                                                  |     |     |            |                   |                    | 10.00   | Mtr. | 7385.85    | 73859.00         |
| 4               |             |               | Construction of Embankment with Approved materials obtained from borrow pits with a lift up to 1.5m transporting to site, Spreading grading to required slope and compacting to meet requirement of table 300.1 and 300.2 with a lead of 1000m as per technical specification                                                                                            |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | Culverts Portion above GL                                                                                                                                                                                                                                                                                                                                                |     | 1   | 11         | (3.0+3.5)/2       | (1.20+1.0)/2       | 41.35   |      |            |                  |
|                 |             |               |                                                                                                                                                                                                                                                                                                                                                                          |     |     |            |                   |                    | 41.35   | cum  | 549.74     | 22731.75         |
| 5               | WRD         | 5.7.40        | <b>Brick bats</b>                                                                                                                                                                                                                                                                                                                                                        |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I                                                                                                                                                                                                                                       |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | Culverts Portion                                                                                                                                                                                                                                                                                                                                                         | 1   | 1   | 11.00      | (3.0+3.5)/2       | (0.5+0.6)/2        | 19.66   |      |            |                  |
|                 |             |               | At- ch.340 m both side                                                                                                                                                                                                                                                                                                                                                   | 1   | 2   | 16         | (0.7+0.75+1.15)/3 | 0.3                | 8.32    |      |            |                  |
|                 |             |               | At- ch.340 m both side                                                                                                                                                                                                                                                                                                                                                   | 1   | 2   | 19.5       | (0.4+0.75+1.0)/3  | 0.3                | 8.39    |      |            |                  |
|                 |             |               | Total:-                                                                                                                                                                                                                                                                                                                                                                  |     |     |            |                   |                    | 36.37   | Cum  | 2759.12    | 100349.00        |
| 6               |             | 5.7.53        | <b>Providing and filling empty cement bags</b>                                                                                                                                                                                                                                                                                                                           |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | 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. |     |     |            |                   |                    |         |      |            |                  |
|                 |             |               | In Approach                                                                                                                                                                                                                                                                                                                                                              | 1   | 2   | 16.00      | (0.7+0.75+1.15)/3 | (0.8+1.10)/2       | 26.35   |      |            |                  |
|                 |             |               |                                                                                                                                                                                                                                                                                                                                                                          | 1   | 2   | 19.50      | (0.4+0.75+1.0)/3  | (0.65+0.70+1.15)/3 | 23.29   |      |            |                  |
|                 |             |               | Total:-                                                                                                                                                                                                                                                                                                                                                                  |     |     |            |                   |                    | 49.64   | Cum  |            |                  |
|                 |             |               | @ 0.034 Cum each bag                                                                                                                                                                                                                                                                                                                                                     |     |     |            |                   |                    | 1460    | No.  | 55.88      | 81585.00         |
| <b>TOTAL</b>    |             |               |                                                                                                                                                                                                                                                                                                                                                                          |     |     |            |                   |                    |         |      |            | <b>404814.75</b> |

  
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Crane  
12/11/24  
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