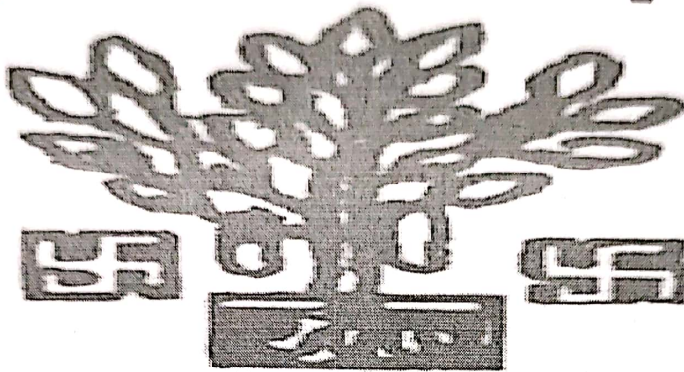


# RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- L045-Dabhari to Ghuran (Track13)

DISTRICT:- Supaul

BLOCK :- Supaul

**FDR**

Rs. 9484503

~~9857301~~

**YEAR(2023-24)**

R.W.D., WORKS CIRCLE, MADHEPURA

R.W.D., WORKS DIVISION, SUPAUL

प्रतिवेदन

पथ का नाम :- L045- Daibhari to Lhuran (Track-13)

कार्य का नाम :- FDR Work of temporary restoration of Daibhari to Lhuran  
में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 14.06.2023 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त Daibhari to Lhuran  
में बाढ़ क्षतिग्रस्त मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है  
जिसकी प्राक्कलित लागत अमानवीय लात प्राकणील दमा तेदु अमानु भुत है।  
उक्त पथ का निर्माण M.R योनान्तर्गत हुआ है एवं योजना अनुरक्षण  
अवधि में 81।  
पथ के कटे (क्षतिग्रस्त)  
भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं Brick Bats देने के  
बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य का विवरणी  
स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।

प्राक्कलन मदों का दर वर्तमान

अनुसूचित दर के अनुरूप है।

8/9/23

कनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा, सुपौल।

08.09.23

सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल, सुपौल।

08/09/23

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल, सुपौल।

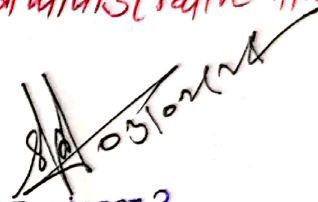
Details of T.S  
x

For Temporary Restoration Work - 94.84503 Lakh

Total Rs - 94.84503 Lakh

Inspection has been carried out by E.E, R.W.D, Birpur on 07/01/2024.

Post facto Technically sanctioned for Rs. 94.84503/- Lakh (Ninety four lacs eighty four thousand five hundred three rupees only) for temporary restoration work. Technical sanction is being accorded in expectation to Administrative Approval by department.

  
Chief Engineer-2  
Rural Works Department  
Patna  
03/01/24

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

| NAME OF ROAD :-     | L045-Dabhari to Ghuran (Track13)           |                |
|---------------------|--------------------------------------------|----------------|
| DISTRICT :-         | Supaul                                     |                |
| BLOCK :-            | Supaul                                     |                |
| Length of Road:-    | 3.23 km                                    |                |
| Length of Cutting:- | 247.00km                                   |                |
| Sl. No.             | DESCRIPTION                                | AMOUNT (LAKHS) |
| 1                   | Filling of local sand                      | 0.00           |
| 2                   | Labour for cutting 62mm to 75mm dia bamboo | 72072.00       |
| 3                   | Labour for fitting 62mm to 75mm dia bamboo | 52470.00       |
| 4                   | Supplying of EC bag, of local sand         | 1243386.74     |
| 5                   | Supply and Carriage of brick bats          | 6568402.31     |
|                     | SUB TOTAL COST =                           | 7936031        |
|                     | ADD GST @18% =                             | 1428486        |
|                     | Add Labour cess @ 1% =                     | 79360          |
|                     | Seigniorage Fees @10% =                    | 413424         |
|                     | TOTAL (RS.) =                              | 9857301        |

Total Rs. = 9484503

*[Signature]*  
8/9/23  
J.E

*[Signature]*  
08.09.23  
A.E

*[Signature]*  
08/09/23  
E.E

S.E



## Bill of Quantity

| NAME OF ROAD :- |                                                                                                                                                                                                                                                             | L045-Dabhari to Ghuran (Track13) |            |              |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------|--------------|
| DISTRICT :-     |                                                                                                                                                                                                                                                             | Supaul                           |            |              |
| BLOCK :-        |                                                                                                                                                                                                                                                             | Supaul                           |            |              |
| Sl. No.         | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                        | QUANTITY                         | 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                                                                                                                  | 0.00                             | 521.30     | 0.00         |
| 2               | Labour for cutting 62 mm 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.                                                                         | 1980.00                          | 36.40      | 72072.00     |
| 3               | Labour for fitting & 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 etc all complete job as per specification & direction of Engineer-in-charge. | 550.00                           | 95.40      | 52470.00     |
| 4               | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.                                                                                                                                        | 35114.00                         | 35.41      | 1243386.74   |

|   |                                                                                                                 |                |                     |                           |
|---|-----------------------------------------------------------------------------------------------------------------|----------------|---------------------|---------------------------|
| 5 | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. | 3106.88        | 2444.05<br>2013.218 | 6568402.31 - 6254826.74   |
|   |                                                                                                                 | A) SUB TOTAL = |                     | 7936031.05<br>7622755.419 |
|   |                                                                                                                 | TOTAL COST =   |                     | 7936031                   |

Say ₹ - 76 22 755 = 00

*[Signature]*  
8/9/23  
J.E

*[Signature]*  
08.09.23  
A.E

*[Signature]*  
08/09/23  
E.E

# ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

## Phase-II

|                     |                                                                                                                                                                                     |                                  |      |              |      |      |          |            |              |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|--------------|------|------|----------|------------|--------------|
| NAME OF ROAD :-     |                                                                                                                                                                                     | L045-Dabhari to Ghuran (Track13) |      |              |      |      |          |            |              |
| DISTRICT :-         |                                                                                                                                                                                     | Supaul                           |      |              |      |      |          |            |              |
| BLOCK :-            |                                                                                                                                                                                     | Supaul                           |      |              |      |      |          |            |              |
| Length of Cutting:- |                                                                                                                                                                                     | 257.00 mtr                       |      |              |      |      |          |            |              |
| Sl. No.             | DESCRIPTION OF ITEMS                                                                                                                                                                | Unit                             | Nos. | L(m)         | B(m) | D(m) | QUANTITY | 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                                          |                                  |      |              |      |      |          |            |              |
|                     | At ch:-500 m                                                                                                                                                                        | cum                              | 0    | 5.00         | 2.50 | 2.37 | 0.00     |            |              |
|                     | At ch:-600 m                                                                                                                                                                        | cum                              | 0    | 10.00        | 2.75 | 2.28 | 0.00     |            |              |
|                     | Deduction for H.P 1000MM dia (1.23 x 1.23 )=1.52                                                                                                                                    | cum                              | 0    | 0.79         | 1.52 | 7.50 | 0.00     |            |              |
|                     |                                                                                                                                                                                     | cum                              |      | total qty :- |      |      | 0.000    | 521.30     | 0.00         |
| 2                   | Labour for cutting 62 mm 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. |                                  |      |              |      |      |          |            |              |
|                     | At ch:-750 m                                                                                                                                                                        |                                  | 2    | 55/0.25      | 4.50 |      | 1980.00  |            |              |
|                     |                                                                                                                                                                                     | Mtr.                             |      | total qty:-  |      |      | 1980.00  | 36.40      | 72,072.00    |

| Sl. No. | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                        | Unit | Nos. | L(m)    | B(m)              | D(m)               | QUANTITY | RATE (Rs.) | AMOUNT (Rs.) |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------|-------------------|--------------------|----------|------------|--------------|
| 3       | Labour for fitting & 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 etc all complete job as per specification & direction of Engineer-in-charge. |      |      |         |                   |                    |          |            |              |
|         | At ch:-750 m                                                                                                                                                                                                                                                |      | 2    | 55.00   | 2.5/0.5           |                    | 550.00   |            |              |
|         |                                                                                                                                                                                                                                                             | Mtr. |      |         | total qty :-      |                    | 550.00   | 95.40      | 52470.00     |
| 4       | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.                                                                                                                                        |      |      |         |                   |                    |          |            |              |
|         | At ch:-750 m                                                                                                                                                                                                                                                | cum  | 2    | 55.00   | (2.25+2.15)/2     | (4.5+5.75+4.55)/3  | 1193.87  |            |              |
|         | Total No of E C Bags(3.4cum=100Bags) =                                                                                                                                                                                                                      |      |      | 1193.87 | /                 | 0.034              | 35114.00 |            |              |
|         |                                                                                                                                                                                                                                                             | Each |      |         | Say No of Bage :- |                    | 35114.00 | 35.41      | 1243386.740  |
| 5       | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                                                                                                                                             |      |      |         |                   |                    |          |            |              |
|         | At ch:-750 m                                                                                                                                                                                                                                                | cum  | 1    | 55.00   | (6.5+5.5+4.5)/3   | (5.5+6.85+5.5)/3   | 1799.88  |            |              |
|         | At ch:-1280 m                                                                                                                                                                                                                                               | cum  | 1    | 90.00   | (4.5+3.5)/2       | (0.35+0.45+0.35)/3 | 138.00   |            |              |
|         | At ch:-1380 m                                                                                                                                                                                                                                               | cum  | 1    | 10.00   | (4.5+3.5)/2       | (0.35+0.45+0.25)/3 | 14.00    |            |              |

| Sl. No. | DESCRIPTION OF ITEMS | Unit | Nos.         | L(m)  | B(m)           | D(m)                 | QUANTITY       | RATE (Rs.)           | AMOUNT (Rs.)          |
|---------|----------------------|------|--------------|-------|----------------|----------------------|----------------|----------------------|-----------------------|
|         | At ch:-1420 m        | cum  | 1            | 54.00 | $(4.75+4.5)/2$ | $(0.35+0.45+0.35)/3$ | 95.74          |                      |                       |
|         | At ch:-1750 m        | cum  | 1            | 33.00 | $(4+3.75)/2$   | $(0.35+0.45+0.35)/3$ | 49.02          |                      |                       |
|         | At ch:-1950 m        | cum  | 2            | 5.00  | $(2.5+3.5)/2$  | $(0.35+0.5+0.35)/3$  | 12.00          |                      |                       |
|         |                      | cum  | total qty :- |       |                |                      | 2108.63        | 2,114.05<br>2013.218 | 4457751.89-4245131.87 |
|         |                      |      |              |       |                |                      | A) SUB TOTAL = |                      | 5825680.63            |
|         |                      |      |              |       |                |                      | TOTAL COST =   |                      | 5825680.63            |

Total cost = ₹ 5540988.61

  
Junior Engineer

  
Asstt. Engineer

  
Executive Engineer

S.E  
Madhepura

# ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

## Phase-I

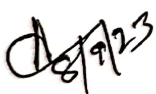
| NAME OF ROAD :-     |                                                                                                                 | L045-Dabhari to Ghuran (Track13) |      |       |                    |                   |                |                     |                      |
|---------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------|------|-------|--------------------|-------------------|----------------|---------------------|----------------------|
| DISTRICT :-         |                                                                                                                 | Supaul                           |      |       |                    |                   |                |                     |                      |
| BLOCK :-            |                                                                                                                 | Supaul                           |      |       |                    |                   |                |                     |                      |
| Length of Cutting:- |                                                                                                                 | 45.00 Mtr                        |      |       |                    |                   |                |                     |                      |
| Sl. No.             | DESCRIPTION OF ITEMS                                                                                            | Unit                             | Nos. | L(m)  | B(m)               | D(m)              | QUANTITY       | RATE (Rs.)          | AMOUNT (Rs.)         |
| 1                   | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. |                                  |      |       |                    |                   |                |                     |                      |
|                     | At chi:-750 m                                                                                                   | cum                              | 1    | 45.00 | (6.5+5.5+4.5)/3    | (3.75+4.85+3.5)/3 | 998.25         |                     |                      |
|                     |                                                                                                                 | cum                              |      |       | total qty :-       |                   | 998.25         | 2114.05<br>2013-218 | 2110350.41 2009694.8 |
|                     |                                                                                                                 |                                  |      |       |                    |                   |                |                     |                      |
|                     |                                                                                                                 |                                  |      |       |                    |                   | A) SUB.TOTAL = | 2110350.41          |                      |
|                     |                                                                                                                 |                                  |      |       |                    |                   | TOTAL COST =   | 2110350.41          |                      |
|                     |                                                                                                                 | Total cost = ₹ 2009694.87        |      |       |                    |                   |                |                     |                      |
| Junior Engineer     |                                                                                                                 | Asstt. Engineer                  |      |       | Executive Engineer |                   |                |                     |                      |

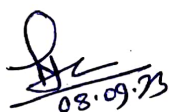
S.E  
Kishanganj

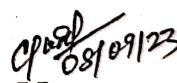


## Calculation of Seigniorage Fees

| NAME OF ROAD :-                         |                                                                                                                                                                                                                                                                                | L045-Dabhari to Ghuran (Track13) |      |            |              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------|------------|--------------|
| DISTRICT :-                             |                                                                                                                                                                                                                                                                                | Supaul                           |      |            |              |
| BLOCK :-                                |                                                                                                                                                                                                                                                                                | Supaul                           |      |            |              |
| Sl. No.                                 | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                           | QUANTITY                         | Unit | 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                                                                                                                                     | 0.00                             | cum  | 143.32     | 0.00         |
| 2                                       | Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m )with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I | 0.00                             | cum  | 143.32     | 0.00         |
| 3                                       | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.                                                                                                                                                           | 1193.88                          | cum  | 143.32     | 171106.31    |
| 4                                       | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                                                                                                                                                                | 3728.26                          | cum  | 1063.00    | 3963137.72   |
| A) SUB TOTAL =                          |                                                                                                                                                                                                                                                                                |                                  |      |            | 4134244.03   |
| Seigniorage Fees @10% of Basic Amount = |                                                                                                                                                                                                                                                                                |                                  |      |            | 413424       |

  
J.E

  
A.E

  
E.E

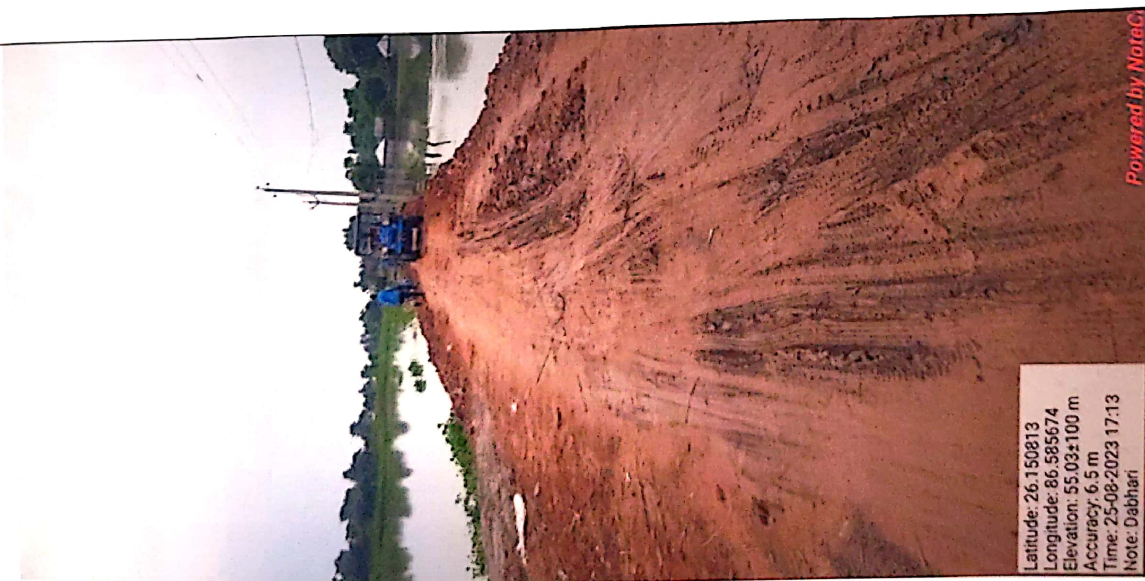
## INSPECTION REPORT FOR MOTORABLE WORK

|                                                                                           |                                        |
|-------------------------------------------------------------------------------------------|----------------------------------------|
| Name of PIUs :- <i>E.E, RWD (WORKS) Division Supaul</i>                                   |                                        |
| Name of Block/Road :- <i>1045- Dabhoi to Churam (Track 13) in Supaul Block</i>            |                                        |
| <b>A. For Road</b>                                                                        |                                        |
| 1. Damage Location/Chainage :- <i>ATCH :- 750M, 1280M, 1380M, 1420M, 1750M, 1950M</i>     |                                        |
| 2. Damage Length :- <i>247 M</i>                                                          |                                        |
| 3. Nature of Damage (Length Wise)                                                         | (i) Breach :- <i>Road crust</i>        |
|                                                                                           | (ii) Crust Damage :- <i>Road crust</i> |
|                                                                                           | (iii) Only Flank Damage :-             |
| whether traffic fully/Partially obstructed :- <i>Fully</i>                                |                                        |
| 4. Details of Restoration :-                                                              |                                        |
| (i) Material Being Used in Restoration :- <i>Local Sand, E.C Bags, Brick Bats etc.</i>    |                                        |
| (ii) Equipment/Tools Being Used in Restoration Works :- <i>J.C.B, Roller, Tractor etc</i> |                                        |
| (iii) Restored Length                                                                     | In open Area :- <i>247 M</i>           |
|                                                                                           | In habitation Area :-                  |
| (iv) If Restoration work done in habitation Area give Reason :-                           |                                        |
| <b>B. For Bridge (Size of Bridge/Culvert)</b>                                             |                                        |
| (1) Damage Location/Chainage :-                                                           |                                        |
| (2) No. of Span Damage :-                                                                 |                                        |
| (3) Length of Span :-                                                                     |                                        |
| (4) Nature of Damage (Pier/Abuttment/<br>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) :-                        |                                        |

  
 Signature of Inspector  
 (Official Seal)

*A. Kumar*  
 Executive Engineer  
 Rural Works Department  
 Work Division, Birpur

Name of Road :- L045-Dabhari to Ghuran (Track)  
District :- Supaul



08/09/23  
BE

08.09.23  
BE

08/09/23



Name of Road :- L045-Dabhari to Ghuran (Track13)

District :- Supaul

Block :- Supaul



2, 08.09.23  
AB



Name of Road :- L045-Dabhari to Ghuran (Track13)

District :- Supaul

Block :- Sunaul



8/09/23  
08.09.23  
AB

CPD  
08/09/23

