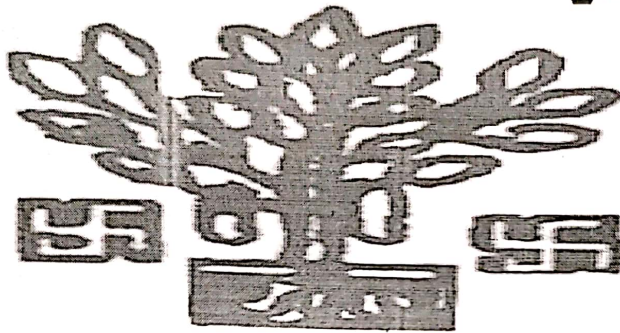


# RURAL WORKS DEPARTMENT GOVT OF BIHAR



NAME OF WORKS :- L068-T02 To Chilhaba (Trach-30) (BR-35R-163)

DISTRICT:- Supaul

BLOCK :- Kishanpur

**FDR**

~~Rs. 1585825.46~~

Rs. 1566125.64

YEAR(2023-24)

R.W.D., WORKS CIRCLE, MADHEPURA

R.W.D., WORKS DIVISION, SUPAUL

प्रतिवेदन

पथ का नाम :- L068-T02 to Chidhaba (BR35R163)  
कार्य का नाम :- FDR work of Road- L068-T02 to Chidhaba  
में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 14.06.2023 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त पथ L068-T02 to Chidhaba में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत ~~अठारह लाख~~ इकतीस हजार अनाईवा रुपय मात्र है।  
उक्त पथ का निर्माण PMGSY योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में है।  
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।

13/10/23  
हनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा, सुपौल  
बिजनपुर

13/10/2023  
सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल, बिजनपुर।

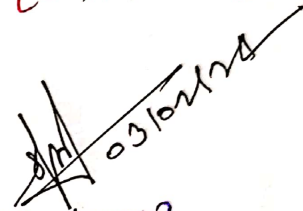
13/10/23  
कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल, सुपौल

Details of T.S

For Temporary Restoration Work - Rs. 15.66125 Lacs  
Total Rs. - 15.66125 Lacs

Inspection has been done by E.E, R.W.D, Birpur on 04/01/2024.

Post facto Technically sanctioned for Rs. 15.66125 Lacs (Fifteen Lacs sixty six thousand one hundred twenty five rupees only) for temporary restoration work. Technical sanction is being accorded in expectation to Administrative Approval by the Department.

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

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

| NAME OF ROAD :-     | L068-T02 To Chilhaba (Trach-30) (BR-35R-163) |                |
|---------------------|----------------------------------------------|----------------|
| DISTRICT :-         | Supaul                                       |                |
| BLOCK :-            | Kishanpur                                    |                |
| Length of Road:-    | 2.841 km                                     |                |
| Length of Cutting:- | 32.00Mtr                                     |                |
| Sl. No.             | DESCRIPTION                                  | AMOUNT (LAKHS) |
| 1                   | Filling of local sand                        | 313610.95      |
| 2                   | Labour for cutting 62mm to 75mm dia bamboo   | 49959.00       |
| 3                   | Labour for fitting 62mm to 75mm dia bamboo   | 29097.00       |
| 4                   | Supplying of EC bag, of local sand           | 525378.17      |
| 5                   | Supply and Carriage of brick bats            | 333315.22      |
| 6                   | Supply, laying and carriage of 1000 mm HPC   | 49595.25       |
|                     | SUB TOTAL COST =                             | 1300955.59     |
|                     | ADD GST @18% =                               | 234172.01      |
|                     | Add Labour cess @ 1%=                        | 13009.56       |
|                     | Seigniorage Fees @10%=                       | 37688.31       |
|                     | TOTAL (RS.) =                                | 1585825        |

Total(Rs.) = 1566125.64

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13/10/23

A.E  
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## Bill of Quantity

NAME OF ROAD :-

L068-T02 To Chilhaba (Trach-30) (BR-35R-163)

DISTRICT :-

Supaul

BLOCK :-

Kishanpur

| 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                                                                                                                  | 601.59   | 521.30     | 313610.95    |
| 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.                                                                         | 1372.50  | 36.40      | 49959.00     |
| 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. | 305.00   | 95.40      | 29097.00     |
| 4       | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.                                                                                                                                        | 14837.00 | 35.41      | 525378.17    |

|   |                                                                                                                 |                |         |                                      |
|---|-----------------------------------------------------------------------------------------------------------------|----------------|---------|--------------------------------------|
| 5 | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job. | 157.67         | 2114.05 | <del>333315.22</del><br>317424.082   |
| 6 | Supplaying and carriage of hume pipe 1000 mm dia , all complete job.                                            | 7.50           | 6612.70 | <del>49595.25</del><br>48931.92      |
|   |                                                                                                                 | A) SUB TOTAL = |         | <del>4300955.59</del><br>1284401.122 |
|   |                                                                                                                 | TOTAL COST =   |         | <del>4300956</del>                   |

Total cost = Rs. 1284401.00

*[Signature]*  
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J.E

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

|                     |                                                                                                                                                                                                                                                             |                                              |              |        |            |                    |          |            |              |  |  |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|--------|------------|--------------------|----------|------------|--------------|--|--|
| NAME OF ROAD :-     |                                                                                                                                                                                                                                                             | L068-T02 To Chilhaba (Trach-30) (BR-35R-163) |              |        |            |                    |          |            |              |  |  |
| DISTRICT :-         |                                                                                                                                                                                                                                                             | Supaul                                       |              |        |            |                    |          |            |              |  |  |
| BLOCK :-            |                                                                                                                                                                                                                                                             | Kishanpur                                    |              |        |            |                    |          |            |              |  |  |
| Length of Cutting:- |                                                                                                                                                                                                                                                             | 32.00                                        |              | 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:-1500 m                                                                                                                                                                                                                                               | cum                                          | 1            | 32.00  | (5.75+5)/2 | (3.95+3.85+2.85)/3 | 610.60   |            |              |  |  |
|                     | Deductionfor H.P 1000MM dia<br>(1.23 x 1.23 )=1.52                                                                                                                                                                                                          | cum                                          | 1            | 0.79   | 1.52       | 7.50               | 9.01     |            |              |  |  |
|                     |                                                                                                                                                                                                                                                             | cum                                          |              |        | 5.25       |                    | 601.594  | 521.30     | 313610.95    |  |  |
| 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:-1500 m                                                                                                                                                                                                                                               |                                              | 1            | 32/0.2 | 4.50       |                    | 720.00   |            |              |  |  |
|                     | At ch:-1500 m                                                                                                                                                                                                                                               |                                              | 1            | 29/0.2 | 4.50       |                    | 652.50   |            |              |  |  |
|                     |                                                                                                                                                                                                                                                             | Mtr.                                         | total qty:-  |        |            |                    | 1372.50  | 36.40      | 49,959.00    |  |  |
|                     |                                                                                                                                                                                                                                                             |                                              |              |        |            |                    |          |            |              |  |  |
| 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. |                                              |              |        |            |                    |          |            |              |  |  |
|                     | At ch:-1500 m                                                                                                                                                                                                                                               |                                              | 1            | 32.00  | 2.5/0.5    |                    | 160.00   |            |              |  |  |
|                     | At ch:-1500 m                                                                                                                                                                                                                                               |                                              | 1            | 29.00  | 2.5/0.5    |                    | 145.00   |            |              |  |  |
|                     |                                                                                                                                                                                                                                                             | Mtr.                                         | total qty :- |        |            |                    | 305.00   | 95.40      | 29097.00     |  |  |

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| Sr. No. | DESCRIPTION OF ITEMS                                                                                                 | Unit | Nos. | L(m)              | B(m)         | U(m)               | QUANTITY       | RATE (Rs.)          | AMOUNT (Rs.)         |
|---------|----------------------------------------------------------------------------------------------------------------------|------|------|-------------------|--------------|--------------------|----------------|---------------------|----------------------|
| 4       | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge. |      |      |                   |              |                    |                |                     |                      |
|         | At ch:-1500 m                                                                                                        | cum  | 1    | 32.00             | (2.5+2.5)/2  | (2.95+3.85+3.25)/3 | 268.00         |                     |                      |
|         | At ch:-1500 m                                                                                                        | cum  | 1    | 29.00             | (2.5+2.25)/2 | (2.95+3.85+3.5)/3  | 236.47         |                     |                      |
|         | Total No of E C Bags(3.4cum=100Bags) =                                                                               |      |      | 504.47            | /            | 0.034              | 14837.00       |                     |                      |
|         | Each                                                                                                                 |      |      | Say No of Bage :- |              |                    | 14837.00       | 35.41               | 525378.170           |
| 5       | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.      |      |      |                   |              |                    |                |                     |                      |
|         | At ch:-1500 m                                                                                                        | cum  | 1    | 32.00             | (5.75+5)/2   | (0.95+0.95+0.85)/3 | 157.67         |                     |                      |
|         |                                                                                                                      | cum  |      | total qty :-      |              |                    | 157.67         | 2144.05<br>2613.218 | 333315.22            |
| 6       | Supplaying and carriage of hume pipe 1000 mm dia , all complete job.                                                 |      |      |                   |              |                    |                |                     |                      |
|         | At ch-1500m                                                                                                          | RM   | 1    | 3                 | 2.5          |                    | 7.50           |                     |                      |
|         |                                                                                                                      | RM   |      | total qty :-      |              |                    | 7.50           | 6642.70<br>6524.256 | 49595.25<br>48931.92 |
|         |                                                                                                                      |      |      |                   |              |                    | A) SUB TOTAL = |                     | 4300955.59           |
|         |                                                                                                                      |      |      |                   |              |                    | TOTAL COST =   |                     | 4300955.59           |

Total cost = Rs. 1284401.122=00

13/10/23

Asstt. Engineer

13/10/23

Junior Engineer

13/10/23  
Executive Engineer

S.E  
Madhepura



## Calculation of Seigniorage Fees

| NAME OF ROAD :-                         |                                                                                                                                            | L068-T02 To Chilhaba (Trach-30) (BR-35R-163) |      |            |              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------|------------|--------------|
| DISTRICT :-                             |                                                                                                                                            | Supaul                                       |      |            |              |
| BLOCK :-                                |                                                                                                                                            | Kishanpur                                    |      |            |              |
| 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 | 721.91                                       | cum  | 143.32     | 103464.54    |
| 2                                       | Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.                       | 504.46                                       | cum  | 143.32     | 72298.92     |
| 3                                       | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                            | 189.20                                       | cum  | 1063.00    | 201119.60    |
| A) SUB TOTAL =                          |                                                                                                                                            |                                              |      |            | 376883.06    |
| Seigniorage Fees @10% of Basic Amount = |                                                                                                                                            |                                              |      |            | 37688        |

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J.E

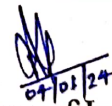
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13/10/23  
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13/10/23  
E.E

## INSPECTION REPORT FOR MOTORABLE WORK

|                                                                                                           |                                          |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------|
| Name of PIUs :- <i>Executive Engineer, Rural Works Department, Works Division, Supaul</i>                 |                                          |
| Name of Block/Road :- <i>Kishanpur/LOG-TO2 to Chikhaba (BR35R163)</i>                                     |                                          |
| <b>A. For Road</b>                                                                                        |                                          |
| 1. Damage Location/Chainage :- <i>At 1500 m C.H</i>                                                       |                                          |
| 2. Damage Length :- <i>32.00 m</i>                                                                        |                                          |
| 3. Nature of Damage (Length Wise)                                                                         | (i) Breach :- <i>Crust damage</i>        |
|                                                                                                           | (ii) Crust Damage :- <i>Crust damage</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, Brick bats, E.C bags, etc. <sup>Bamboo</sup></i> |                                          |
| (ii) Equipment/Tools Being Used in Restoration Works :- <i>J.C.B, Roller, Tractor etc.</i>                |                                          |
| (iii) Restored Length - <i>32.00 m</i>                                                                    | In open Area :- <i>Open area</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/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) :-                                        |                                          |

  
*A. Kumar*  
 04/08/24  
 A.E

  
 Signature of Inspector  
 (Official Seal)

**Executive Engineer**  
 Rural Works Department  
 Work Division, Birpur



Name of Road :- L068-T02 To Chilla (Trach-30) (BR-35R-163)  
District :- Supaul  
Block :- Kishanpur



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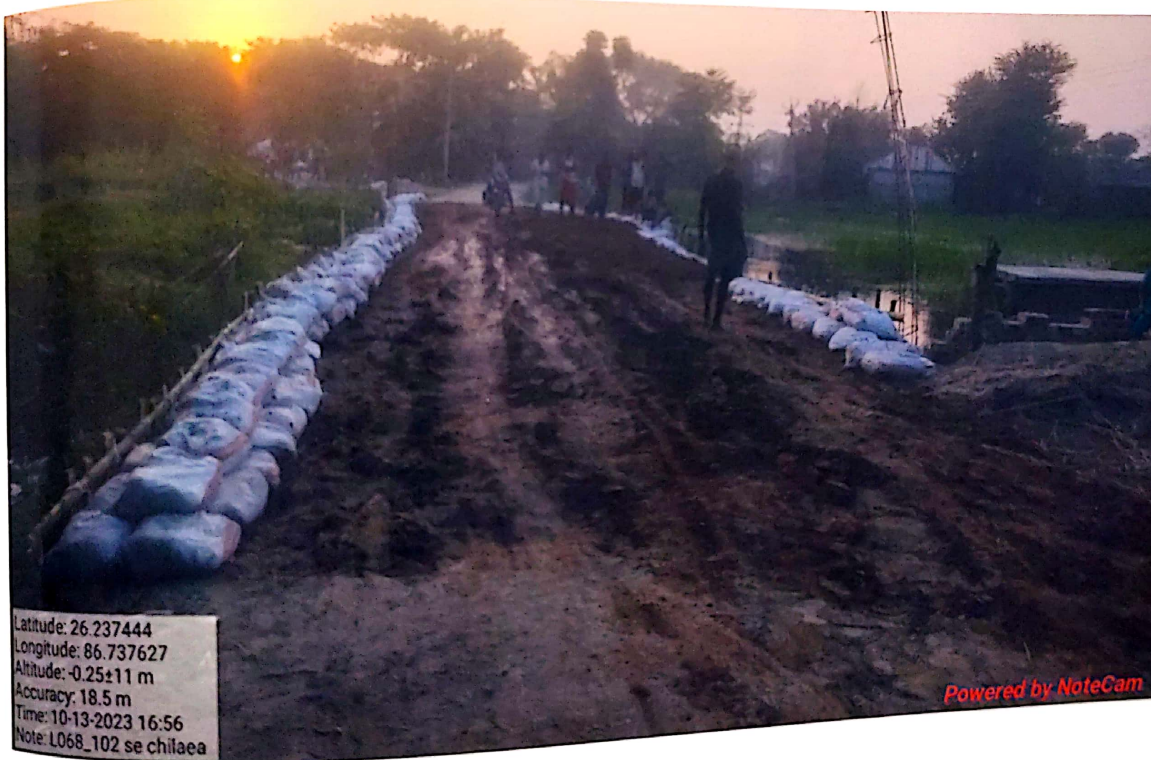


Name of Road :- L068\_102 To Chilla  
 District :- Supaul  
 Trach-30) (BR-35R-163)  
 Block :- Kishanpur



Latitude: 26.237474  
 Longitude: 86.737215  
 Elevation: 70.16±13 m  
 Accuracy: 14.0 m  
 Time: 10-13-2023 16:57  
 Note: L068\_102 se chilla

Powered by NoteCam



Latitude: 26.237444  
 Longitude: 86.737627  
 Altitude: -0.25±11 m  
 Accuracy: 18.5 m  
 Time: 10-13-2023 16:56  
 Note: L068\_102 se chilla

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 A.E

13/10/2023





Name of Road :- L068-T02 To Chilhaba (Trach-30) (BR-35R-163)

District :-Supaul

Block :-Kishanpur



Latitude: 26.237386  
Longitude: 86.737603  
Elevation: 103.68±13 m  
Accuracy: 3.0 m  
Time: 08-18-2023 08:53  
Note: L068-102 से चिल्हावा ट्रैक-30)

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Latitude: 26.237407  
Longitude: 86.737212  
Elevation: 103.78±13 m  
Accuracy: 2.2 m  
Time: 08-18-2023 08:55  
Note: L068-102 से चिल्हावा ट्रैक-30)

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13/10/2023  
A.E

13/10/23