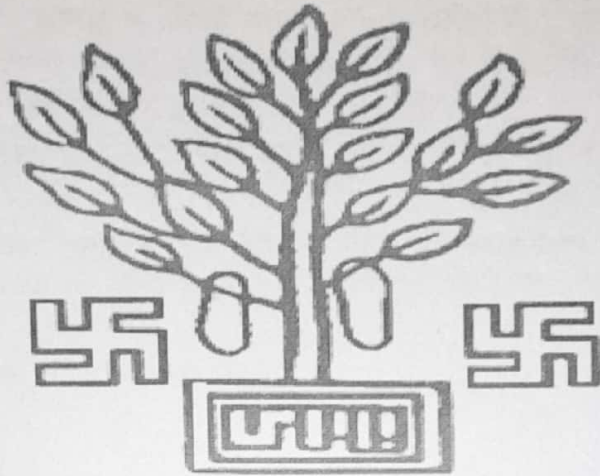


# RURAL WORKS DEPARTMENT



## GOVERNMENT OF BIHAR

NAME OF ROAD:- HOUSE OF CHANDAN DEO TO BRIKS  
YOJANA ROAD (CANAL BRIDGE)

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

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

BLOCK:- BASANTPUR

### ESTIMATED COST

1663592.00

प्रतिवेदन

पथ का नाम :- House of Chanderdeo to Bricks Yojna Road (Canal Bridge)  
कार्य का नाम :-

में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त House of Chanderdeo to Bricks Yojna Road में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत 16,63,592 है।  
उक्त पथ का निर्माण G.T.S.N.Y. योजनान्तर्गत 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।

28/10/20  
[Signature]

कनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा,

28/10/20

सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल,

28/10/20

कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल,

# Inspection Report for Flood Damage Work

Date:-.....

1.Name of PIUs:-

Sub Arjun Beraud

2.Name of Block:-

Besantpur

3.Name of Road:-

Home of Chandandeo to Birs Yojna Road (Coral Bridge).

## A. For Road

1.Damage Location/Chainage :-

950m to 1025m

2.Damage Length :-

73 m

3.Nature of Damage :-

cutting

4.Details of Restoration Works:-

(i.)Material being used in Restoration Works:-

Brick bats, E. bag, Sand Local.

(ii.)Equipments/Tools being used in Restoration works:-

(iii.)Procedure taken up in Restoration works:-

(iv.)Restored Length :-

73m

## B. For Bridge

1. Damage Location/Chainage:-

2.Damage Length :-

3.Nature of Damage :-

4.Details of Restoration Works:-

(i.)Material being used in Restoration Works:-

(ii.)Equipments/Tools being used in Restoration works:-

(iii.)Procedure taken up in Restoration works:-

(iv.)Restored Length :

28/10/20  
Signature of JE/AE/EE

28/10/20

Executive Engineer  
Rural Works  
Work Division, Birpur

30/11/2023  
Signature

(Name of Inspector)

# Abstract of Cost

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

**Name of Road:**

**Block:** BASANTPUR

HOUSE OF CHANDAN DEO TO BRIKS YOJANA ROAD (CANAL BRIDGE)  
District: SUPAUL

**Divison :** RWD, Works Division,VIRPUR

**Circle:** RWD, Work Circle, Madhepura

| 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          | 793.33        | 522.67    | 414651.53   |
| 2                  | Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.                   |              |               |           |             |
|                    |                                                                                                                                             | Per 100 Bags | 190.35        | 3113.40   | 592629.00   |
| 3                  | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                             |              |               |           |             |
|                    |                                                                                                                                             | Cum          | 265.50        | 1751.13   | 464925.02   |
| TOTAL AMOUNT =     |                                                                                                                                             |              |               |           | 1472205.54  |
| ADD 12.00 %GST=    |                                                                                                                                             |              |               |           | 176664.67   |
| ADD 1% L.CESS=     |                                                                                                                                             |              |               |           | 14722.06    |
| SAY TOTAL AMOUNT = |                                                                                                                                             |              |               |           | 1663592.27  |

1663592.00

16/8/10/2020  
JE

28/11/20  
AE

28/11/20  
EE

RWD SUB DIVISION-BASANTPUR

RWD SUB DIV.  
BASANTPUR

RWD WORKS DIV. VIRPUR

SE  
MADHEPURA

*Technically approved 16,63,592.00 (Rupees sixteen  
lacs sixty three thousand five hundred ninety two only).*

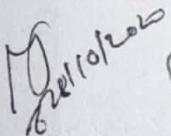
08/10/21  
Superintending Engineer  
Rural Works Department  
Works Circle Madhepura

# Detailed Estimate

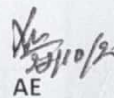
Name of Road:

**HOUSE OF CHANDAN DEO TO BRIKS YOJANA ROAD (CANAL BRIDGE)**

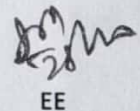
| Sl No. | Items of Works                                                                                                                              | Nos. | L<br>(m) | B<br>(m)       | D<br>(m) IN (Av.)                 | Quantity (m3) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|------|----------|----------------|-----------------------------------|---------------|
| 1      | Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge. |      |          |                |                                   |               |
|        |                                                                                                                                             | 1    | 35.00    | (9.00+8.00)/2  | (2.50+3.50+2.00)/3                | 793.33        |
|        |                                                                                                                                             |      |          |                | TOTAL=                            | 793.33        |
|        |                                                                                                                                             |      |          |                | Total Qty =                       | 793.33        |
| 3      | Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.                   |      |          |                |                                   |               |
|        |                                                                                                                                             | 1    | 35.00    | (12+10)/2      | 1.40                              | 539.00        |
|        |                                                                                                                                             |      |          |                | TOTAL=                            | 539.00        |
|        |                                                                                                                                             |      |          |                | Total No. of EC Bags =(539X35.31) | 19034.79      |
|        |                                                                                                                                             |      |          |                | NO OF BAGE/100=                   | 190           |
| 4      | Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.                             |      |          |                |                                   |               |
|        | BOTTAM LAYER                                                                                                                                | 1    | 35.00    | (10.00+9.00)/2 | 0.60                              | 199.50        |
|        | TOP LAYER                                                                                                                                   | 1    | 40.00    | 5.50           | 0.30                              | 66.00         |
|        |                                                                                                                                             |      |          |                | Total Qty. =                      | 265.50        |

   
 JE

RWD SUB DIV- BASANTPUR

   
 AE

RWD SUB DIV. BASANTPUR

   
 EE

RWD WORKS DIV. VIRPUR

# Analysis for Carriage by Road & Rail

District:- SUPAUL

Block :- BASANTPUR

| Sl No | Item with Source     | Unit        | Source Up to | Carriage Cost & Lead in Km |                               |               |                              | Loading & Unloadin | Carriage Cost by Rail Head | Total `    |
|-------|----------------------|-------------|--------------|----------------------------|-------------------------------|---------------|------------------------------|--------------------|----------------------------|------------|
|       |                      |             |              | Pucka / Surface            |                               | Katcha        |                              |                    |                            |            |
| 7     | Local Sand           | Cum         | Local        | 8.00<br>4.99               | x 7.10 x 2.00 Km = Rs 22.77   | 8.00<br>4.99  | x 17.82 x 1.00 Km = Rs 28.57 | 99.08              |                            | Rs. 150.42 |
| 8     | Brick                | 000 N/Local | Local        | 8.00<br>2.00               | x 7.10 x 7.00 Km = Rs 198.80  | 8.00<br>2.00  | x 17.17 x 1.00 Km = Rs 68.68 | 417.46             |                            | Rs. 684.94 |
| 13    | Hume Pipe (1000 mm ) | m           | Karjain      | 8.00<br>10.00              | x 7.10 x 70.00 Km = Rs 397.60 | 8.00<br>10.00 | x 17.17 x 0.00 Km = Rs 0.00  | 73.32              |                            | Rs. 470.92 |

Cost of Haulage Excluding Loading & Unloading as per SOR

\* Subjected to Verification of Lead

| Type of Road         | Per Ton. Km by Tipper | Per Ton. Km by Truck |
|----------------------|-----------------------|----------------------|
| For Surface Road     | 8.20                  | 7.10                 |
| Unsurface Gravel Roa | 9.90                  | 8.54                 |
| Kachha Road          | 19.80                 | 17.17                |

| Summary of Carriage Cost |                                          |                 |
|--------------------------|------------------------------------------|-----------------|
| Sl. No.                  | Particulars                              | Unit Amount     |
| 10                       | c) Local sand                            | Cum 150.42      |
| 11                       | d) Local Sand at Site                    | Cum 267.27      |
| 12                       | Boulder                                  | Cum 2546.70     |
| 19                       | a) Hume Pipe NP 3 ( 1000MM I             | m 470.92        |
| 20                       | b) Hume Pipe NP 3 ( 1000MM DIA ) at site | m 3215.42       |
| 21                       | Steel                                    | Ton 566.50      |
| 22                       | Brick                                    | per 1000 684.94 |
| 23                       | Brick Bats /hama metal                   | Cum 342.47      |

*Handwritten signature*

*Handwritten signature and date 25/10/20*

*Handwritten signature and initials*