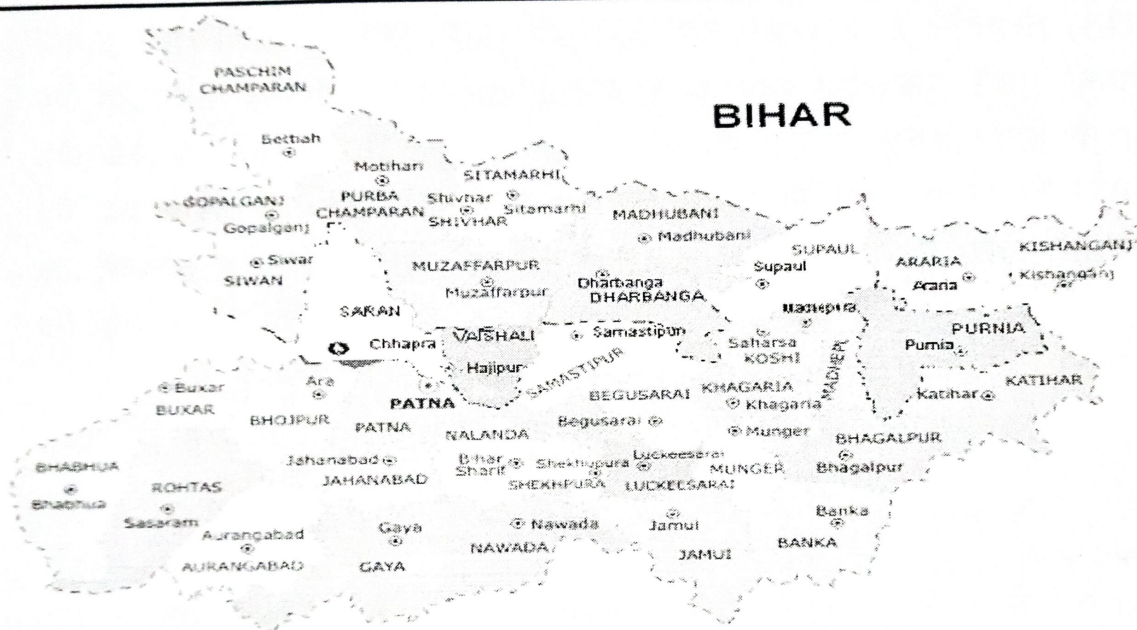




# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## FDR



### RESTORETION FOR PARSA HOSPITAL TO HASANPURA VISUNPUR

|                            |    |        |     |
|----------------------------|----|--------|-----|
| DISTRICT                   | :- | Chapra |     |
| DIVISION                   | :- | Sonpur |     |
| BLOCK                      | :- | Parsa  |     |
| TOTAL LENGTH OF ROAD       | :- | 8.155  | KM  |
| TOTAL COST OF CONSTRUCTION | :- | 13.655 | Lac |
| TOTAL COST OF PROJECT      | :- | 13.655 | Lac |



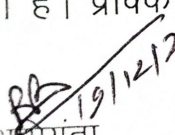
FDR (2020-2021)

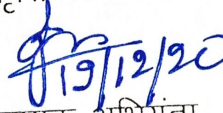
प्रतिवेदन

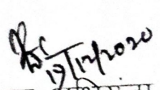
प्रमंडल का नाम:— ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर  
पथ का नाम:— परसा हॉस्पिटल से हसनपुरा बिशुनपुर  
पथ की लम्बाई:— 8.155 कि०मी०  
प्राक्कलित राशि:— 13.655 लाख  
प्रखंड:— परसा  
जिला:— सारण

प्रस्तुत प्राक्कलन सारण जिला अन्तर्गत परसा प्रखंड के परसा हॉस्पिटल से हसनपुरा बिशुनपुर तक पथ बाढ़ से क्षतिग्रस्त (FDR) पथांश का यातायात पूर्णस्थापन (Motrable) कार्य कराकर प्राक्कलन तैयार किया गया है। इस वर्ष अचानक अत्यधिक बाढ़ आने के कारण पथ में जगह जगह कटाव हो गया एवं पथ क्रस्ट बह गया जिससे आवागमन बाधित हो गया, चुनाव के मध्य नजर पथ का तत्काल मरम्मत के लिए पथांश में Brick Bats एवं मिटी भरकर कटाव से बचाव का कार्य करते हुए यातायात को पुर्नस्थापित किया गया।

पथ मरम्मत कार्य का प्राक्कलन वर्तमान अनुसूची दर पर ही तैयार किया गया है। प्राक्कलन की स्वीकृति अपेक्षित है।

  
कनीय अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल परसा

  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल परसा

  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल सोनपुर



## Inspection Report For Flood Damage Work

Date :- 02-12-20

1 Name Of PIUs :- Executive Engineer, RWD, WORKS DIVISION-SONPUR

2 Name Of Road :- Restoration For Parsa Hospital To Hasanpura Visunpur

3 Name Of Block Parsa

### **A.FOR ROAD**

1 Damage Location/Chainage :- CH-810 M TO 812 M CH-1800 M TO 1825 M  
CH-7376 M TO 7389 M

2 Damage Length m :- 41

3 Nature Of Damage :- Wash Out Of Road Crust With Embankment

#### **4 Details Of Restoration :-**

- i Material Being Used In Restoration :- EARTHWORK / BRICK BATS
- ii Equipment/Tools Being Used In Restoration Works :- Tracter, Loader, Hambar
- iii Procedure Taken Up In Restoration Works :- Filling Of Brick Bats In Wash Out Portion Of Road Crust And Supporting By Earthwork In Embankment
- iv Restored Length m :- 41

### **B.FOR ROAD**

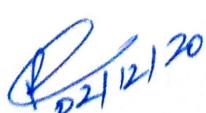
1 Damage Location/Chainage :-

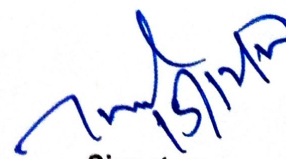
2 Damage Length :-

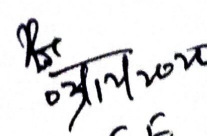
3 Nature Of Damage

#### **4 Details Of Restoration :-**

- i Material Being Used In Restoration :-
- ii Equipment/Tools Being Used In Restoration Works :-
- iii Procedure Taken Up In Restoration Works :-
- iv Restored Length :-

  
Signature Of JE/AE/EE

  
Signature  
(Name Of Inspector)

  
G.E.

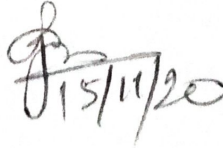
# FDR

## GENERAL ABSTRACT OF COST

Block:-- Parsa District:- Chapra  
Length of Road:-- 8.155 KM  
Name of Road:-- Restoration For Parsa Hospital To Hasanpura Visunpur

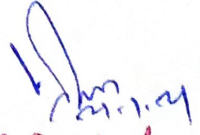
| SL. No. | Item of Work                 | Amount      |
|---------|------------------------------|-------------|
| A       | TOTAL COST OF CONSTRUCTION : | 13.655 Lacs |
|         |                              |             |
|         | TOTAL :                      | 13.655 Lacs |

  
Junior Engineer

  
Asstt. Engineer

  
Executive Engineer

T/A Approved for Rs - 13.655 Lacs Rupees Thirteen Lacs Sixty Five Thousand Five hundred only.  
SE  
RWD

  
S.E. Chapra

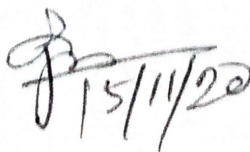


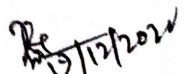
**GENERAL ABSTRACT OF COST FOR FDR OF ROAD**

**NAME OF ROAD :** Restoration For Parsa Hospital To Hasanpura Visunpur  
**DISTRICT** Chapra  
**BLOCK** Parsa  
**DIVISION** Sonpur  
**LENGTH OF ROAD (in Km)** 8.155

| Sl. No.                         | DESCRIPTION                                     | Amount | 1 % Labour Cess | 12 % GST | GROSS AMOUNT (LAKHS) |
|---------------------------------|-------------------------------------------------|--------|-----------------|----------|----------------------|
| PART-A                          | INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL |        |                 |          |                      |
| 1                               | EARTHWORK / BRICK BATS                          | 12.084 | 0.121           | 1.450    | 13.655               |
| TOTAL COST OF PROJECT IN LACS = |                                                 | 12.084 | 0.121           | 1.450    | 13.655               |

  
JE  
RWD

  
AE  
RWD

  
EE  
RWD

| Name Of Road :- |                  |                | Restoration For Parsa Hospital To Hasanpura Visunpur                                                                                                                                                                                                                                                                                                                  |      |      |        | Block :- |                                    | Parsa     | DISTRICT:- | Chapra             | LENGTH :-    | 8.155 |
|-----------------|------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------|----------|------------------------------------|-----------|------------|--------------------|--------------|-------|
| Sl.No.          | SDB<br>SL.NO     | MORD<br>Ref.No | Description                                                                                                                                                                                                                                                                                                                                                           | Unit | NOS  | LENGTH | WIDTH    | HEIGHT                             | QUANTITY  | RATE       | AMOUNT<br>(In Rs.) |              |       |
| 1               | 3.4              | 302<br>(A)     | Construction of Embankment with Material Obtained from Borrow Pits<br>Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 |      |      |        |          |                                    |           |            |                    |              |       |
|                 |                  |                | CH-750 M TO 975 M                                                                                                                                                                                                                                                                                                                                                     | Cum  | 1.00 | 225.00 | 1.250    | 0.45                               | 126.563   |            |                    |              |       |
|                 |                  |                | CH-1275 M TO 1450 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 2.00 | 175.00 | 1.125    | 0.55                               | 216.563   |            |                    |              |       |
|                 |                  |                | CH-2050 M TO 2350 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 300.00 | 1.000    | 0.65                               | 195.000   |            |                    |              |       |
|                 |                  |                | CH-3050 M TO 3200 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 2.00 | 150.00 | 1.200    | 0.55                               | 198.000   |            |                    |              |       |
|                 |                  |                | CH-4500 M TO 4850 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 350.00 | 1.100    | 0.55                               | 211.750   |            |                    |              |       |
|                 |                  |                | CH-5120 M TO 5575 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 2.00 | 455.00 | 1.200    | 0.45                               | 491.400   |            |                    |              |       |
|                 |                  |                | CH-6950 M TO 7100 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 150.00 | 1.000    | 0.65                               | 97.500    |            |                    |              |       |
|                 |                  |                | CH-7450 M TO 7750 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 2.00 | 300.00 | 1.100    | 0.45                               | 297.000   |            |                    |              |       |
|                 |                  |                | CH-8050 M TO 8150 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 100.00 | 1.350    | 0.45                               | 60.750    |            |                    |              |       |
| 2               | 8.1.3.2<br>(iii) | OLD<br>SOR     | BRICK BATS<br>Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals, chowkidar, taxes, royalty etc.all complete job as per specification and direction of E/I including carriage cost of bricks.                                          |      |      |        |          | Total =                            | 1,894.525 | 190.57     | 3,61,040.00        |              |       |
|                 |                  |                | CH-810 M TO 812 M                                                                                                                                                                                                                                                                                                                                                     | Cum  | 1.00 | 3.00   | 7.100    | 1.50                               | 31.950    |            |                    |              |       |
|                 |                  |                | CH-1800 M TO 1825 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 25.00  | 6.850    | 1.45                               | 248.313   |            |                    |              |       |
|                 |                  |                | CH-7376 M TO 7389 M                                                                                                                                                                                                                                                                                                                                                   | Cum  | 1.00 | 13.00  | 5.450    | 2.95                               | 209.008   |            |                    |              |       |
|                 |                  |                |                                                                                                                                                                                                                                                                                                                                                                       |      |      |        |          | Total =                            | 489.270   | 1,731.92   | 8,47,376.00        |              |       |
|                 |                  |                |                                                                                                                                                                                                                                                                                                                                                                       |      |      |        |          | A) SUB TOTAL OF CRUST =            |           |            |                    | 12,08,416.00 |       |
|                 |                  |                |                                                                                                                                                                                                                                                                                                                                                                       |      |      |        |          | TOTAL COST OF PAVEMENT IN RS. (A)= |           |            |                    | 12,08,416.00 |       |

15/11/20  
JE  
RWD

15/11/20  
EE  
RWD



# Analysis for Carriage by Road & Rail

Name of Road:-

Restoretion For Parsa Hospital To Hasanpura Visunpur

District:-

Chapra

Block :- Parsa

| SI No | Item with Source | Unit     | Source Up to | Carriage Cost & Lead in Km      |                          | Katcha                           | Leading & Unloading Cost | Carriage Cost by Rail Head       | Total                    | Min Total  |
|-------|------------------|----------|--------------|---------------------------------|--------------------------|----------------------------------|--------------------------|----------------------------------|--------------------------|------------|
| 1     | Brick            | 1000 Nos | Local        | $\frac{8.00}{2.00} \times 7.52$ | $\times 7.00 \text{ Km}$ | $\frac{8.00}{2.00} \times 18.19$ | $\times 1.00 \text{ Km}$ | $\frac{8.00}{2.00} \times 18.19$ | $\times 1.00 \text{ Km}$ | Rs. 730.04 |

Cost of Haulage Excluding Loading & Unloading as per SO aa

| Type of Road          | Per Ton. Km by Tipper | Per Ton. Km by Truck |
|-----------------------|-----------------------|----------------------|
| For Surface Road      | 8.40                  | 7.52                 |
| Unsurface Gravel Road | 10.10                 | 9.04                 |
| Kachha Road           | 20.30                 | 18.19                |

\* Subjected to Verification of Lead

JE 15/11/20  
RWD

JE 15/11/20  
AE  
RWD

EE  
RWD