



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## FDR

(MMGSY (SC) UNDER MAINTENANCE)



### Kohra Mushariya Mahadalit Tola Aekdeva Mushariya

|                            |    |        |     |
|----------------------------|----|--------|-----|
| DISTRICT                   | 1- | Chapra |     |
| DIVISION                   | 1- | Sonpur |     |
| BLOCK                      | 1- | Maker  |     |
| TOTAL LENGTH OF ROAD       | 1- | 1.200  | KM  |
| TOTAL COST OF CONSTRUCTION | 1- | 8.140  | Lac |
| TOTAL COST OF PROJECT      | 1- | 8.140  | Lac |

Inspection Report for flood damage work

Date:

1. Name of PIU: RWD, Works Div. Sonapur

2. Name of Block/Road: Makey, Kotwa Mahadali to Ekdesha Mansuria

**A. For Road**

1. Damage Location/Chainage : 30 - 1155M

2. Damage Length : 80.00 M

3. Nature of Damage : Breach out of road embankment

4. Details of Restoration :

i Material being used in Restoration

: A/Bals, 4.2. A + Metal

ii Equipment/Tools being used in Restoration works:

: 4.2. A/Bals with 4.2. A/B

iii Procedure taken up in Restoration works

: 80.00 M

iv Restored Length

**B. For Bridge**

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/AF/EE

Signature

(Name of Inspector)

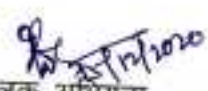
मंडल का नाम :- ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर  
कार्य का नाम :- सारण जिला अन्तर्गत मकर प्रखंड में कोहरा मसूरिया महादलित टोला से ऐकदेवा  
मसूरिया तक बाढ़ से क्षतिग्रस्त (FDR) का पूर्ण स्थापन कार्य।  
पथ की लम्बाई :- 1200 मी०  
क्षतिग्रस्त पथ की लम्बाई :- 80.00 मी०  
अवकलित राशि :- 8.140 लाख

### प्रतिवेदन

यह प्राक्कलन सारण जिला अन्तर्गत मकर प्रखंड में कोहरा मसूरिया महादलित टोला से ऐकदेवा मसूरिया तक बाढ़ से क्षतिग्रस्त (FDR) का पूर्ण स्थापन कार्य का प्राक्कलन का तैयार किया गया। पथ में 130m To 1155m (80m) में बाढ़ के पानी का अधिक करंट रहने के कारण पथ में भारी कटाव हुआ है, इसके कारण पथ से आवागमन अवरुद्ध हो गया है।  
प्रस्तावित प्राक्कलन में पथ के कटे हुए पथांश में Bricks Bats भरकर तथा उसके उपर GSB कार्य किया गया है। यह प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है जिसकी स्वीकृति अपेक्षित है।

  
नियंत्रण अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रशाखा, मकर

  
15.12.20  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल, मकर

  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, सोनपुर

# FDR

## GENERAL ABSTRACT OF COST

Maker

District:- Chapra

Length of Road:-- 1.200 KM

Road:-- Kohra Mushariya Mahadalit Tola Aekdeva Mushariya

| Item of Work               | Amount     |
|----------------------------|------------|
| TOTAL COST OF CONSTRUCTION | 8.140 Lacs |
| TOTAL                      | 8.140 Lacs |

15/12/20

Engineer

15/12/20

Asstt. Engineer

15/12/20

Executive Engineer

TA Approved for Rs - 8140 Lacs

SE  
RWD

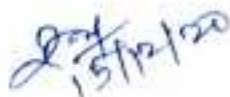
15/12/20  
S.E. Chapra

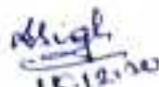


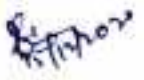
### GENERAL ABSTRACT OF COST FOR FDR OF ROAD

**NAME OF ROAD :** Kohra Mushariya Mahadalit Tola Aekdeva Mushariya  
**DISTRICT** Chapra  
**BLOCK** Maker  
**DIVISION** Sonpur  
**LENGTH OF ROAD (in Km)** 1.200

| SL No.                          | DESCRIPTION                                     | Amount | 1 % Labour<br>Ceas | 12 % GST | GROSS AMOUNT<br>(LAKHS) |
|---------------------------------|-------------------------------------------------|--------|--------------------|----------|-------------------------|
| PART-A                          | INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL |        |                    |          |                         |
| 1                               | EARTHWORK                                       | 0.507  | 0.005              | 0.061    | 0.573                   |
| 2                               | BRICK BATS                                      | 4.608  | 0.046              | 0.553    | 5.208                   |
| 3                               | GSB                                             | 1.146  | 0.011              | 0.138    | 1.295                   |
| 4                               | Grill                                           | 0.942  | 0.009              | 0.113    | 1.065                   |
| TOTAL COST OF PROJECT IN LACS = |                                                 | 7.204  | 0.072              | 0.864    | 8.140                   |

  
 JE  
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 RWD

| Bharatpur Municipal Tola Ashokra Mushariya                         |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          |         |          |         |                      | 1.204 KM |
|--------------------------------------------------------------------|---------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|----------|---------|----------|---------|----------------------|----------|
| Description                                                        |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          |         |          |         |                      |          |
| 1                                                                  | 3.4     | 302     |                                                                                                                                                                                                                                                                                                                          | Unit | NOS  | Block | Maker | DISTRICT | Maker   | LENGTH   | RATE    | AMOUNT<br>(Rs. Lac.) |          |
| Construction of Embankment with Material Obtained from Borrow Pits |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          |         |          |         |                      |          |
|                                                                    | (A)     |         | 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-30 M TO 58 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 28.00 | 6.000    | 0.46    |          | 77.280  |                      |          |
|                                                                    |         |         | CH-70 M TO 93 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 23.00 | 5.000    | 0.91    |          | 104.650 |                      |          |
|                                                                    |         |         | CH-130 M TO 138 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 8.00  | 6.500    | 0.40    |          | 20.800  |                      |          |
|                                                                    |         |         | CH-140 M TO 156 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 16.00 | 3.500    | 0.55    |          | 30.800  |                      |          |
|                                                                    |         |         | CH-1150 M TO 1155 M                                                                                                                                                                                                                                                                                                      | Cum  | 1.00 |       | 5.00  | 3.000    | 0.60    |          | 9.000   |                      |          |
|                                                                    |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          | Total = |          | 266.091 |                      |          |
| 2                                                                  | 8.1.3.2 | OLD SOR | BRICK BATS                                                                                                                                                                                                                                                                                                               |      |      |       |       |          |         | 190.57   |         | 50,709.00            |          |
|                                                                    | (iii)   |         | 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.          |      |      |       |       |          |         |          |         |                      |          |
|                                                                    |         |         | CH-30 M TO 58 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 28.00 | 4.300    | 0.46    |          | 55.384  |                      |          |
|                                                                    |         |         | CH-70 M TO 93 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 23.00 | 4.200    | 0.91    |          | 87.906  |                      |          |
|                                                                    |         |         | CH-130 M TO 138 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 8.00  | 4.300    | 1.45    |          | 49.880  |                      |          |
|                                                                    |         |         | CH-140 M TO 156 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 16.00 | 2.650    | 1.22    |          | 51.728  |                      |          |
|                                                                    |         |         | CH-1150 M TO 1155 M                                                                                                                                                                                                                                                                                                      | Cum  | 1.00 |       | 5.00  | 2.450    | 1.73    |          | 21.193  |                      |          |
|                                                                    |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          | Total = |          | 266.091 |                      |          |
| 3                                                                  | 4.10    | 401     | Granular Sub-base with Well Graded Material (Table 400.1)                                                                                                                                                                                                                                                                |      |      |       |       |          |         | 1,731.92 |         | 4,60,847.00          |          |
|                                                                    |         |         | ( By mix in place method ) For Grading II Material                                                                                                                                                                                                                                                                       |      |      |       |       |          |         |          |         |                      |          |
|                                                                    |         |         | Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. |      |      |       |       |          |         |          |         |                      |          |
|                                                                    |         |         | CH-30 M TO 58 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 28.00 | 3.750    | 0.150   |          | 15.750  |                      |          |
|                                                                    |         |         | CH-70 M TO 93 M                                                                                                                                                                                                                                                                                                          | Cum  | 1.00 |       | 23.00 | 3.750    | 0.150   |          | 12.938  |                      |          |
|                                                                    |         |         | CH-130 M TO 138 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 8.00  | 3.750    | 0.150   |          | 4.500   |                      |          |
|                                                                    |         |         | CH-140 M TO 156 M                                                                                                                                                                                                                                                                                                        | Cum  | 1.00 |       | 16.00 | 3.750    | 0.150   |          | 9.000   |                      |          |
|                                                                    |         |         | CH-1150 M TO 1155 M                                                                                                                                                                                                                                                                                                      | Cum  | 1.00 |       | 5.00  | 3.750    | 0.150   |          | 2.813   |                      |          |
|                                                                    |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          | Total = |          | 45.000  |                      |          |
|                                                                    |         |         |                                                                                                                                                                                                                                                                                                                          |      |      |       |       |          |         | 2,546.31 |         | 1,14,584.00          |          |

| 4 | 4.70 | 405 | Water Bound Macadam with Stone Screening Type "B" Gr- III                                                                                                                                                                                                                                                                                                                         | LENGTH | WIDTH | HEIGHT         | QUANTITY      | RATE                                      | AMOUNT<br>(Rs Rs.) |
|---|------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|----------------|---------------|-------------------------------------------|--------------------|
|   |      |     | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the |        |       |                |               |                                           |                    |
|   |      |     | CH-30 M TO 58 M                                                                                                                                                                                                                                                                                                                                                                   | Cum    | 1.00  | 28.00          | 3.750         | 0.075                                     | 7.875              |
|   |      |     | CH-70 M TO 93 M                                                                                                                                                                                                                                                                                                                                                                   | Cum    | 1.00  | 23.00          | 3.750         | 0.075                                     | 6.469              |
|   |      |     | CH-130 M TO 138 M                                                                                                                                                                                                                                                                                                                                                                 | Cum    | 1.00  | 8.00           | 3.750         | 0.075                                     | 2.250              |
|   |      |     | CH-140 M TO 156 M                                                                                                                                                                                                                                                                                                                                                                 | Cum    | 1.00  | 16.00          | 3.750         | 0.075                                     | 4.500              |
|   |      |     | CH-1150 M TO 1155 M                                                                                                                                                                                                                                                                                                                                                               | Cum    | 1.00  | 5.00           | 3.750         | 0.075                                     | 1.406              |
|   |      |     |                                                                                                                                                                                                                                                                                                                                                                                   |        |       | <b>Total =</b> | <b>22.500</b> | <b>4,187.22</b>                           | <b>94,212.00</b>   |
|   |      |     |                                                                                                                                                                                                                                                                                                                                                                                   |        |       |                |               | <b>A) SUB TOTAL OF CRUST =</b>            | <b>7,20,352.00</b> |
|   |      |     |                                                                                                                                                                                                                                                                                                                                                                                   |        |       |                |               | <b>TOTAL COST OF PAVEMENT IN RS. (A)=</b> | <b>7,20,352.00</b> |

  
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