

to 39 to Mubarakpur Khas. Road

**RURAL WORKS DEPARTMENT**



GOVERNMENT OF BIHAR

CIRCLE – R.W.D Works Circle, Chapra

DIVISION – R.W.D Works Division, Marhaura

Name of Work - Motrable of road from PMGSY path Mobarakpur se  
Bhalua gram se hote hue kojhi gram tak

Si'acur, Pokhri To Mathiya  
~~to 39 to Mubarakpur Khas~~  
Toli.

Block -

Madhousa.  
~~Amnaut~~

Estimated Cost – Rs 797580.00

2020-21

# Inspection Report For Flood Damage Work

Name of PIU -

E E RWD (W) Mathura

Name of Block/Road -

Marhaura - Mathura block of road from Mathura to

~~Mathura to Sonapatna~~ ~~Mathura to Sonapatna~~ ~~Mathura to Sonapatna~~

A. For Road

Silauri Paharpur PMWSY Path to Mathura Tak

1. Damage Location/ Chainage :- 0.010 km.

2. Damage Length :- 0.178 km.

3. Nature of Damage :- Damage due to flood.

4. Details of Restoration :-

I. Materials being used in restoration:

Bonded concrete, local sand.

II. Equipment/Tools being used in restoration works: Roller, Trolley, etc.

III. Procedure taken up in Restoration works: Laying & spreading concrete

IV. Restored Length: 0.178 km.

B. For Bridge

1. Damage Location/ Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration :-

I. Materials being used in restoration:

II. Equipment/Tools being used in restoration works:

III. Procedure taken up in Restoration works:

IV. Restored Length:

Signature of AE/JE/EE

Executive Engineer  
Rural Works Department  
Works Division, Marhaura

'S'

Signature  
03/12/2021

(Er. Akhilesh Kumar)  
(Name of Inspector)  
EE  
RWD (W) - SONEPUR

# ABSTRACT OF COST

e of Work -

Motrable of road from PMGSY path Mobarakpur se Bhalua gram se hote hue kojhi gram tak ~~Leaving Mobarakpur Road~~  
Silauri paharpur pmusy path to MathiyataK

K-Amnaur

| S.No | Particulars           | Amount (In Rs.) |
|------|-----------------------|-----------------|
| 1    | Cost of Motrable Work | 797580.00       |
|      | Total Cost            | 797580.00       |

ਪਾਕਿਸਤਾਨ ਮੈਂ ਪਾਕਿਸਤਾਨ ਸਰਕਾਰ ਦੀ ਸਹਾਇਤਾ ਨਾਲ ਕੀਤਾ ਗਿਆ ਹੈ  
ਜੋ ਲਾਗੂ ਕੀਤਾ ਗਿਆ ਹੈ

  
J.E.

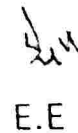
RWD

Amnaur

  
A.E.

RWD

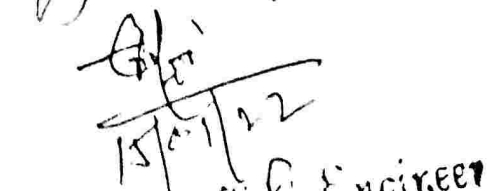
Amnaur

  
E.E.

RWD

Amnaur

T/S. for Rs. 7,97,580/- Ninety Seven thousand  
(Rupees Seven Lakh Eighty) only.

  
15/11/22  
Superintending Engineer  
Rural (Works) Deptt.  
Works Circle, Chapra

### Detailed Estimate

### Method 1: at Road Entry

~~\_\_\_\_\_~~ **PLAY**

pmussy Path to maturity

Amount

| Item                                                                                                                              | No   | Length | Width | Avg H/D | Qty  | Unit | Rate | Amount |
|-----------------------------------------------------------------------------------------------------------------------------------|------|--------|-------|---------|------|------|------|--------|
| Providing laying and spreading brick bats in road ditches, all complete as per approved design specification and direction of E/T | 1    | 2.3    | 1.9   | 0.2     | 0.88 |      |      |        |
|                                                                                                                                   | 1    | 1.5    | 1     | 0.2     | 0.40 |      |      |        |
|                                                                                                                                   | 1    | 2.2    | 1.3   | 0.2     | 0.58 |      |      |        |
|                                                                                                                                   | 1    | 2      | 2     | 0.2     | 0.80 |      |      |        |
|                                                                                                                                   | 1    | 2.8    | 1.4   | 0.25    | 0.98 |      |      |        |
|                                                                                                                                   | 1    | 2.3    | 2.2   | 0.2     | 1.02 |      |      |        |
|                                                                                                                                   | 1    | 2.8    | 1.8   | 0.25    | 1.26 |      |      |        |
|                                                                                                                                   | 1    | 1.5    | 1.5   | 0.25    | 0.57 |      |      |        |
|                                                                                                                                   | 1    | 2.00   | 1.00  | 0.20    | 0.40 |      |      |        |
|                                                                                                                                   | 1    | 2.90   | 1.50  | 0.20    | 0.87 |      |      |        |
|                                                                                                                                   | 1    | 1.00   | 1.00  | 0.25    | 0.25 |      |      |        |
|                                                                                                                                   | 1    | 2.90   | 1.40  | 0.25    | 1.02 |      |      |        |
|                                                                                                                                   | 1    | 1.80   | 1.80  | 0.20    | 0.65 |      |      |        |
|                                                                                                                                   | 1    | 1.10   | 1.10  | 0.25    | 0.31 |      |      |        |
|                                                                                                                                   | 1    | 0.90   | 0.90  | 0.20    | 0.17 |      |      |        |
|                                                                                                                                   | 1    | 2.60   | 2.60  | 0.25    | 1.69 |      |      |        |
|                                                                                                                                   | 1    | 2.40   | 1.60  | 0.25    | 0.96 |      |      |        |
|                                                                                                                                   | 1    | 2.30   | 1.60  | 0.25    | 0.92 |      |      |        |
|                                                                                                                                   | 1    | 2.00   | 2.00  | 0.20    | 0.80 |      |      |        |
|                                                                                                                                   | 1    | 1.50   | 1.40  | 0.25    | 0.53 |      |      |        |
|                                                                                                                                   | 1    | 2.40   | 1.50  | 0.20    | 0.72 |      |      |        |
|                                                                                                                                   | 1    | 1.50   | 1.20  | 0.20    | 0.36 |      |      |        |
|                                                                                                                                   | 1    | 2.80   | 1.25  | 0.25    | 0.88 |      |      |        |
|                                                                                                                                   | 1    | 3.10   | 1.25  | 0.25    | 0.97 |      |      |        |
|                                                                                                                                   | 1    | 1.10   | 1.00  | 0.20    | 0.22 |      |      |        |
|                                                                                                                                   | 1    | 3.75   | 0.80  | 0.25    | 0.75 |      |      |        |
|                                                                                                                                   | 1    | 2.60   | 1.10  | 0.25    | 0.72 |      |      |        |
|                                                                                                                                   | 1    | 2.60   | 1.40  | 0.25    | 0.91 |      |      |        |
|                                                                                                                                   | 1    | 2.60   | 1.40  | 0.25    | 0.91 |      |      |        |
|                                                                                                                                   | 1    | 2.10   | 1.15  | 0.20    | 0.49 |      |      |        |
| 1                                                                                                                                 | 1.80 | 1.00   | 0.25  | 0.45    |      |      |      |        |

|   |       |      |      |      |  |  |  |
|---|-------|------|------|------|--|--|--|
| 1 | 1.00  | 1.00 | 0.15 | 0.15 |  |  |  |
| 1 | 2.10  | 1.00 | 0.20 | 0.42 |  |  |  |
| 1 | 2.25  | 1.60 | 0.25 | 0.90 |  |  |  |
| 1 | 1.80  | 1.10 | 0.25 | 0.50 |  |  |  |
| 1 | 2.80  | 1.45 | 0.25 | 1.02 |  |  |  |
| 1 | 2.80  | 1.60 | 0.25 | 1.12 |  |  |  |
| 1 | 1.80  | 1.00 | 0.25 | 0.45 |  |  |  |
| 1 | 2.40  | 3.75 | 0.20 | 1.80 |  |  |  |
| 1 | 1.30  | 1.20 | 0.25 | 0.39 |  |  |  |
| 1 | 15.10 | 1.20 | 0.35 | 6.35 |  |  |  |
| 1 | 3.10  | 1.25 | 0.25 | 0.97 |  |  |  |
| 1 | 2.50  | 1.60 | 0.25 | 1.00 |  |  |  |
| 2 | 2.10  | 1.00 | 0.20 | 0.84 |  |  |  |
| 2 | 3.00  | 1.00 | 0.25 | 1.50 |  |  |  |
| 1 | 20.00 | 1.70 | 0.25 | 8.50 |  |  |  |
| 1 | 1.30  | 1.30 | 0.25 | 0.43 |  |  |  |
| 1 | 2.60  | 1.80 | 0.25 | 1.17 |  |  |  |
| 2 | 1.16  | 1.00 | 0.25 | 0.58 |  |  |  |
| 1 | 3.90  | 2.35 | 0.25 | 2.30 |  |  |  |
| 2 | 3.10  | 1.80 | 0.25 | 2.79 |  |  |  |
| 1 | 15.10 | 1.25 | 0.25 | 4.72 |  |  |  |
| 1 | 1.25  | 1.10 | 0.25 | 0.35 |  |  |  |
| 1 | 15.25 | 1.60 | 0.25 | 6.10 |  |  |  |
| 2 | 1.90  | 2.10 | 0.25 | 2.00 |  |  |  |
| 1 | 3.10  | 1.60 | 0.25 | 1.24 |  |  |  |
| 1 | 3.10  | 3.00 | 0.25 | 2.33 |  |  |  |
| 1 | 5.15  | 1.80 | 0.20 | 1.86 |  |  |  |
| 1 | 6.15  | 1.90 | 0.20 | 2.34 |  |  |  |
| 1 | 3.10  | 1.00 | 0.25 | 0.78 |  |  |  |
| . | 2.00  | 1.00 | 0.25 | 0.50 |  |  |  |

|                                                                                                            |       |      |      |        |      |         |              |
|------------------------------------------------------------------------------------------------------------|-------|------|------|--------|------|---------|--------------|
| 1                                                                                                          | 2.00  | 1.20 | 0.25 | 0.60   |      |         |              |
| 4                                                                                                          | 1.80  | 1.40 | 0.25 | 2.52   |      |         |              |
| 2                                                                                                          | 3.20  | 1.40 | 0.25 | 2.24   |      |         |              |
| 1                                                                                                          | 10.00 | 1.50 | 0.25 | 3.75   |      |         |              |
| 1                                                                                                          | 3.10  | 1.40 | 0.25 | 1.09   |      |         |              |
| 2                                                                                                          | 1.80  | 1.60 | 0.25 | 1.44   |      |         |              |
| 2                                                                                                          | 15.25 | 1.80 | 0.30 | 16.47  |      |         |              |
| 1                                                                                                          | 1.25  | 1.10 | 0.30 | 0.42   |      |         |              |
| 4                                                                                                          | 1.80  | 1.20 | 0.25 | 2.16   |      |         |              |
| 2                                                                                                          | 2.10  | 1.80 | 0.25 | 1.89   |      |         |              |
| 2                                                                                                          | 2.10  | 1.40 | 0.30 | 1.77   |      |         |              |
| 2                                                                                                          | 1.00  | 1.00 | 0.25 | 0.50   |      |         |              |
| 1                                                                                                          | 1.30  | 1.30 | 0.25 | 0.43   |      |         |              |
| 1                                                                                                          | 1.90  | 2.35 | 0.25 | 1.12   |      |         |              |
| 1                                                                                                          | 12.00 | 3.75 | 0.30 | 13.50  |      |         |              |
| 1                                                                                                          | 1.25  | 1.00 | 0.30 | 0.38   |      |         |              |
| 2                                                                                                          | 2.80  | 1.90 | 0.30 | 3.20   |      |         |              |
| 1                                                                                                          | 4.15  | 1.80 | 0.30 | 2.25   |      |         |              |
| 4                                                                                                          | 2.10  | 1.80 | 0.30 | 4.54   |      |         |              |
| 2                                                                                                          | 2.10  | 3.75 | 0.35 | 5.52   |      |         |              |
| 1                                                                                                          | 2.15  | 1.30 | 0.35 | 0.98   |      |         |              |
| 1                                                                                                          | 86.40 | 1.10 | 1.87 | 177.73 |      |         |              |
| Total                                                                                                      |       |      |      | 327.71 | Cum  | 2300.58 | 753923.08.00 |
| Filling and spreading local sand over brick beds as per drawing and technical specification Clause 303.5.9 | 1     | 2.3  | 1.9  | 0.10   | 0.44 |         |              |
|                                                                                                            | 1     | 1.5  | 1    | 0.10   | 0.15 |         |              |
|                                                                                                            | 1     | 2.2  | 1.3  | 0.10   | 0.29 |         |              |
|                                                                                                            | 1     | 2    | 2    | 0.10   | 0.40 |         |              |
|                                                                                                            | 1     | 2.8  | 1.4  | 0.10   | 0.40 |         |              |
|                                                                                                            | 1     | 2.3  | 2.2  | 0.10   | 0.51 |         |              |
|                                                                                                            | 1     | 2.2  | 1.9  | 0.10   | 0.51 |         |              |

|   |      |      |      |      |  |  |  |
|---|------|------|------|------|--|--|--|
| 1 | 2    | 1    | 0.10 | 0.00 |  |  |  |
| 1 | 2.9  | 1.5  | 0.10 | 0.00 |  |  |  |
| 1 | 1    | 1    | 0.10 | 0.10 |  |  |  |
| 1 | 2.9  | 1.1  | 0.10 | 0.11 |  |  |  |
| 1 | 1.8  | 1.8  | 0.10 | 0.11 |  |  |  |
| 1 | 1.1  | 1.1  | 0.10 | 0.13 |  |  |  |
| 1 | 0.9  | 0.9  | 0.10 | 0.09 |  |  |  |
| 1 | 2.6  | 2.6  | 0.10 | 0.68 |  |  |  |
| 1 | 2.4  | 1.6  | 0.10 | 0.39 |  |  |  |
| 1 | 2.3  | 1.6  | 0.10 | 0.37 |  |  |  |
| 1 | 2    | 2    | 0.10 | 0.40 |  |  |  |
| 1 | 1.5  | 1.4  | 0.10 | 0.21 |  |  |  |
| 1 | 2.4  | 1.5  | 0.10 | 0.36 |  |  |  |
| 1 | 1.5  | 1.2  | 0.10 | 0.18 |  |  |  |
| 1 | 2.8  | 1.25 | 0.10 | 0.35 |  |  |  |
| 1 | 3.1  | 1.25 | 0.10 | 0.39 |  |  |  |
| 1 | 1.1  | 1    | 0.10 | 0.11 |  |  |  |
| 1 | 3.75 | 0.8  | 0.10 | 0.30 |  |  |  |
| 1 | 2.6  | 1.1  | 0.10 | 0.29 |  |  |  |
| 1 | 2.6  | 1.4  | 0.10 | 0.37 |  |  |  |
| 1 | 2.6  | 1.4  | 0.10 | 0.37 |  |  |  |
| 1 | 2.1  | 1.15 | 0.10 | 0.25 |  |  |  |
| 1 | 1.8  | 1    | 0.10 | 0.18 |  |  |  |
| 1 | 1    | 1    | 0.10 | 0.10 |  |  |  |
| 1 | 2.1  | 1    | 0.10 | 0.21 |  |  |  |
| 1 | 2.25 | 1.6  | 0.10 | 0.36 |  |  |  |
| 1 | 1.8  | 1.1  | 0.10 | 0.20 |  |  |  |
| 1 | 2.8  | 1.45 | 0.10 | 0.41 |  |  |  |
| 1 | 2.8  | 1.6  | 0.10 | 0.45 |  |  |  |
| 1 | 1.8  | 1    | 0.10 | 0.18 |  |  |  |
| 1 | 2.4  | 3.75 | 0.10 | 0.90 |  |  |  |
| 1 | 1.3  | 1.2  | 0.10 | 0.16 |  |  |  |

|   |       |      |      |      |  |  |  |
|---|-------|------|------|------|--|--|--|
| 1 | 2.5   | 1.6  | 0.10 | 0.40 |  |  |  |
| 2 | 2.1   | 1    | 0.10 | 0.42 |  |  |  |
| 2 | 3     | 1    | 0.10 | 0.60 |  |  |  |
| 1 | 20    | 1.7  | 0.10 | 3.40 |  |  |  |
| 1 | 1.3   | 1.3  | 0.10 | 0.17 |  |  |  |
| 1 | 2.6   | 1.8  | 0.10 | 0.47 |  |  |  |
| 2 | 1.16  | 1    | 0.10 | 0.24 |  |  |  |
| 1 | 3.9   | 2.35 | 0.10 | 0.92 |  |  |  |
| 2 | 3.1   | 1.8  | 0.10 | 1.12 |  |  |  |
| 1 | 15.1  | 1.25 | 0.10 | 1.89 |  |  |  |
| 1 | 1.25  | 1.1  | 0.10 | 0.14 |  |  |  |
| 1 | 15.25 | 1.6  | 0.10 | 2.44 |  |  |  |
| 2 | 1.9   | 2.1  | 0.10 | 0.80 |  |  |  |
| 1 | 3.1   | 1.6  | 0.10 | 0.50 |  |  |  |
| 1 | 3.1   | 3    | 0.10 | 0.93 |  |  |  |
| 1 | 5.15  | 1.8  | 0.10 | 0.93 |  |  |  |
| 1 | 6.15  | 1.9  | 0.10 | 1.17 |  |  |  |
| 1 | 3.1   | 1    | 0.10 | 0.31 |  |  |  |
| 1 | 2     | 1    | 0.10 | 0.20 |  |  |  |
| 1 | 12.15 | 1.8  | 0.10 | 2.19 |  |  |  |
| 1 | 2     | 1.2  | 0.10 | 0.24 |  |  |  |
| 4 | 1.8   | 1.4  | 0.10 | 1.01 |  |  |  |
| 2 | 3.2   | 1.4  | 0.10 | 0.90 |  |  |  |
| 1 | 10    | 1.5  | 0.10 | 1.50 |  |  |  |
| 1 | 3.1   | 1.4  | 0.10 | 0.44 |  |  |  |
| 2 | 1.8   | 1.6  | 0.10 | 0.58 |  |  |  |
| 2 | 15.25 | 1.8  | 0.10 | 5.49 |  |  |  |
| 1 | 1.25  | 1.1  | 0.10 | 0.14 |  |  |  |
| 4 | 1.8   | 1.2  | 0.10 | 0.87 |  |  |  |
| 2 | 2.1   | 1.8  | 0.10 | 0.76 |  |  |  |
| 2 | 2.1   | 1.4  | 0.10 | 0.59 |  |  |  |
| 2 | 1     | 1    | 0.10 | 0.20 |  |  |  |

|       |      |      |      |       |     |        |      |
|-------|------|------|------|-------|-----|--------|------|
| 1     | 12   | 3.75 | 0.10 | 4.50  |     |        |      |
| 1     | 1.25 | 1    | 0.10 | 0.13  |     |        |      |
| 2     | 2.8  | 1.9  | 0.10 | 1.07  |     |        |      |
| 1     | 4.15 | 1.8  | 0.10 | 0.75  |     |        |      |
| 4     | 2.1  | 1.8  | 0.10 | 1.52  |     |        |      |
| 2     | 2.1  | 3.75 | 0.10 | 1.58  |     |        |      |
| 1     | 2.15 | 1.3  | 0.10 | 0.28  |     |        |      |
| 1     | 86.4 | 1.1  | 0.10 | 9.51  |     |        |      |
| Total |      |      |      | 66.93 | Cum | 652.27 | 4365 |
|       |      |      |      | TOTAL |     | 79758  |      |

A.E  
 RWD  
 Amnaur

E.E  
 RWD  
 Amnaur

RWD  
 Amnaur

# Analysis of Rates (FORMAT F8)

|      |     | #REF!                                                           | CUM | Technical Specifications and Technical Specifications |  |  |
|------|-----|-----------------------------------------------------------------|-----|-------------------------------------------------------|--|--|
| 11.2 | 600 | Filling and Spreading Local Sand Over Brick Bats As Per Drawing |     |                                                       |  |  |
|      | 1   | Fine Sand Filling                                               |     |                                                       |  |  |
|      | a)  | Unit = cum                                                      |     |                                                       |  |  |
|      |     | Labour                                                          |     |                                                       |  |  |
|      |     | Male                                                            |     |                                                       |  |  |
|      | b)  | Male/door Unskilled                                             |     |                                                       |  |  |
|      |     | Material                                                        |     |                                                       |  |  |
|      | c)  | Sand assuming 20% voids                                         |     |                                                       |  |  |
|      | d)  | Overheads @6 % on (a+b)                                         |     |                                                       |  |  |
|      |     | Contractor's profit @ 10% on (a+b+c)                            |     |                                                       |  |  |
|      |     | Rate per cum = a+b+c+d                                          |     |                                                       |  |  |
|      |     | Carriage cost:-                                                 |     |                                                       |  |  |
|      |     | Fine Sand                                                       |     |                                                       |  |  |
|      |     | Cost per cum including Carriage                                 |     |                                                       |  |  |
|      |     | Labour cess 1%                                                  |     |                                                       |  |  |
|      |     | GST 12%                                                         |     |                                                       |  |  |
|      |     | Seignorage 10%                                                  |     |                                                       |  |  |
|      |     | TOTAL COST                                                      | cum |                                                       |  |  |

16/11/20  
E.T