

## Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, Benipur

Name of Block/Road:- Benipur | Pahaddi state Boring PWD sadak to Barman  
Pohar Hote Hue Jari'so state Highway.

### A. For Road

1. Damage Location Chainage:-

2. Damage Length

:- Ch. 1.000 km to Ch. 2.000, Ch. 2.000 to Ch. 3.000

3. Nature of Damage

:- 92.60 m

4. Details of Restoration Works

i. Material being used in Restoration works:-

Reel Crust

ii. Equipment's /Tools being used in Restoration works:-

Brick bats

iii. Procedure taken up in Restoration works:-

Tractor

iv. Restored Length:-

92.60 m

manually filling

### 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. Equipment's /Tools being used in Restoration works:-

iii. Procedure taken up in Restoration works:-

iv. Restored Length:-

"work found satisfactory"

Signature of JE/AE/EE

*[Signature]*  
14/12/2021

Signature  
(Name of Inspection)

*[Signature]*  
14/12/21  
BR

### तकनीकी प्रतिवेदन

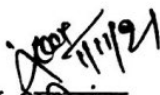
|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| पथ का नाम       | :- पीहड़ी स्टेट बीरिंग PWD सड़क से ब्रह्मचरणा पीरवर होते हुए |
| पथ की लंबाई     | :- जरखी SH नं. 4.1 Km                                        |
| प्राक्कलित राशि | :- 1,53,854=00                                               |
| प्रमण्डल का नाम | :- बेनीपुर                                                   |
| अंचल का नाम     | :- दरभंगा                                                    |
| योजना शीर्ष     | :-                                                           |
| योजना वर्ष      | :- 2021-22                                                   |

प्रस्तुत प्राक्कलन विभागीय पत्रांक- मु.अ-4-4215 पटना दिनांक-22-10-21 के आदेशानुसार पथ में कराये गये यातायात पुर्नस्थापना कार्य के निमित्त तैयार की गयी है।

यह प्राक्कलन पीहड़ी स्टेट बीरिंग PWD सड़क जरखी SH नं. कार्य के लिए तैयार की गई है। वर्ष 2021 में आयी प्रलयंकार बाढ/अतिवृष्टि के कारण पथ कई जगहो पर क्षतिग्रस्त हो गया था। जिसके कारण आवागमन अवरुद्ध हो गई थी जिसमें अस्थाई यातायात पुर्नस्थापन कार्य किया गया है।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू अनुसूचित दर पर, जो संवेदक लाभांश को छोडकर था, उसे प्रावधान करते हुए तैयार किया गया है।

अतः किये गये कार्यों के भुगतान हेतु प्राक्कलन की प्रशासनिक स्वीकृति अपेक्षित है।

  
कनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा बेनीपुर

  
सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य अवर प्रमण्डल बेनीपुर

  
कार्यपालक अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रमण्डल बेनीपुर।

## Abstract of cost.

### ATE BORING PWD SADAK to BARMAJHA POKHAR HOTE HUE JARISO STATE

| No | Particulars of Item                                                                                                                                              | Quantity (In M <sup>3</sup> ) | Rate                | Amount        |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|---------------|
|    | Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I | 64.95                         | 2004.96             | 130222        |
|    |                                                                                                                                                                  |                               | <b>Total =</b>      | <b>130222</b> |
|    | Add 12% GST                                                                                                                                                      |                               | =                   | 15627         |
|    | 1% L.C                                                                                                                                                           |                               | =                   | 1302          |
|    | (S.Fee)-<br>B/Bat(64.95*1032*0.1)=6703                                                                                                                           |                               | =                   | 6703          |
|    |                                                                                                                                                                  |                               | <b>Grand Total=</b> | <b>153854</b> |

*Sum Rupees 153850=00*

*[Signature]*  
J.E  
RWD, Benipur

*[Signature]*  
A.E  
RWD, Benipur

*[Signature]*  
E.E  
RWD, Benipur

~~Technically Summation for Rs 153850=00 (Rupees  
fifteen Lacs Thirteen Eight~~

~~Technically Summation for Rs 1.53.850=00 (Rupees  
One Lac fifty Three Thousand Eight Hundred Fifty)  
Only~~

*[Signature]*  
**Superintending Engineer**  
RWD, Works Circle, Darbhanga

## Flood Estimate

**Name of Road:- PAUHADI STATE BORING PWD SADAK to BARMAJHA POKHAR HOTE  
HUE JARISO STATE HIGHWAY TAK ROAD**

| Item No.1 | Providing and laying Filling in ditches with brick bats including loading, unloading and light ramming all complete job. As per specification & Direction of E/I |               |                         |                          |            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|--------------------------|------------|
|           | Chainage<br>(In M)                                                                                                                                               | Length (In M) | Average<br>Width (In M) | Average<br>Height (In M) | Qty in cum |
|           | 2nd km                                                                                                                                                           | 13.30         | (1.5+2)/2               | (0.4+0.6)/2              | 11.64      |
|           |                                                                                                                                                                  | 1.00          | (1.3+1.7)/2             | (0.4+0.6)/2              | 0.75       |
|           |                                                                                                                                                                  | 23.50         | (1.6+2)/2               | (0.3+0.6)                | 19.04      |
|           |                                                                                                                                                                  | 7.50          | (3.5+4)/2               | (0.2+0.6)/               | 11.25      |
|           |                                                                                                                                                                  | 11.00         | (1+2)/2                 | (0.3+0.6)/2              | 7.43       |
|           |                                                                                                                                                                  | 6.00          | (0.8+1.2)/2             | (0.2+0.3)/2              | 1.50       |
|           |                                                                                                                                                                  | 2.00          | (0.9+1.1)/2             | (0.2+0.25)/2             | 0.45       |
|           |                                                                                                                                                                  | 2*2           | (0.9+1.1)/2             | (0.2+0.3)/2              | 1.00       |
|           |                                                                                                                                                                  | 3.00          | (0.8+1.2)/2             | (0.2+0.35)/2             | 0.82       |
|           |                                                                                                                                                                  | 3.50          | (0.9+1.1)/2             | (0.2+0.3)/2              | 0.88       |
|           |                                                                                                                                                                  | 4.50          | (1+2)/2                 | (0.3+0.4)/2              | 2.36       |
|           |                                                                                                                                                                  | 7.30          | (0.9+2.1)/2             | (0.25+0.45)/2            | 3.83       |
|           |                                                                                                                                                                  | 2.00          | (3+3.5)/2               | (0.3+0.5)/2              | 2.60       |
|           |                                                                                                                                                                  | 4.00          | (0.7+1.3)/2             | (0.3+0.4)/2              | 1.40       |
|           |                                                                                                                                                                  | Total =       |                         |                          | 64.95      |

  
J.E.  
RWD, Benipur

  
A.E.  
RWD, Benipur

  
E.E.  
RWD, Benipur

  
12/12/2021  
AS

355  
12/12/21  
EE

| SL No. | SOR SL No. | DESCRIPTION                                                                                                                         | UNIT    | QTY   | AMOUNT  | RATE    |
|--------|------------|-------------------------------------------------------------------------------------------------------------------------------------|---------|-------|---------|---------|
|        | 1.1RCD     | <b>Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kanker/Moorum</b>                                                   |         |       |         |         |
|        |            | Placing Tractor at Loading point, loading with front loader, dumping turning for return trip, excluding for haulage and return trip |         |       |         |         |
|        |            | Unit = Cum                                                                                                                          |         |       |         |         |
|        |            | Taking output = 2.25 Cum                                                                                                            |         |       |         |         |
|        |            | Time Required for                                                                                                                   |         |       |         |         |
|        |            | i) Positioning of Tractor at loading point                                                                                          | 1 Min   |       |         |         |
|        |            | ii) Loading by Front end loader 1 Cum Bucket Capacity @ 25 Cum per hour                                                             | 5 Min   |       |         |         |
|        |            | iii) Maneuvering, reversing, dumping and turning for return                                                                         | 0 Min   |       |         |         |
|        |            | iv) Waiting time, unforeseen contingencies etc                                                                                      | 0 Min   |       |         |         |
|        |            | Total                                                                                                                               | 6 Min   |       |         |         |
|        | a)         | <b>Labour</b>                                                                                                                       |         |       |         |         |
|        |            | Mate                                                                                                                                | day     | 0.03  | 321.00  | 9.63    |
|        |            | Mazdoor for loading and unloading                                                                                                   | day     | 0.72  | 304.00  | 218.88  |
|        | b)         | <b>Machinery</b>                                                                                                                    |         |       |         |         |
|        |            | Tractor 3.6 tonne capacity                                                                                                          | hour    | 0.1   | 612.00  | 61.20   |
|        |            | Front end-loader 1 cum bucket capacity @25 cum/hour                                                                                 | hour    | 0.083 | 1594.00 | 132.30  |
|        | c)         | <b>Over Heads @ 12% on ( a+b)</b>                                                                                                   |         |       |         | 50.64   |
|        |            | Cost for 2.25 cum=(a+b+c)                                                                                                           |         |       |         | 472.65  |
|        |            | <b>Rate per cum (Rs)</b>                                                                                                            |         |       |         | 210.07  |
|        | Note:-     | Unloading will be done manually                                                                                                     |         |       |         |         |
|        |            | <b>1 Supplying for Brick Bats (with OH)</b>                                                                                         |         |       |         |         |
|        | A.         | Basic Rate of Brick Bats                                                                                                            | Per Cum |       | 1032.00 | 1032.00 |
|        |            | Add overhead charges                                                                                                                |         | 12%   |         | 123.84  |
|        |            | Total                                                                                                                               |         |       |         | 1155.84 |
|        |            | Surface Lead                                                                                                                        | KM      | 7     |         |         |
|        |            | Katcha Track and Track in River Bed/Nallah Bed and Choe Bed                                                                         | KM      | 1     |         |         |
|        |            | Factor(3.6/2.25)                                                                                                                    | Cum     | 1.6   |         |         |
|        | B.         | <b>Carriage(with OH)</b>                                                                                                            |         |       |         |         |
|        |            | $((1.6*7*20.32)+(1.6*1*31.74)+(210.07))$                                                                                            |         |       |         | 488.438 |
|        | C.         | <b>Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1(with OH)</b>                                                  |         |       |         | 360.68  |
|        |            | Total (A+B+C)                                                                                                                       |         |       |         | 2004.96 |
|        |            | For (7km.p+1kmk)= without (GST+LC+SF)                                                                                               |         |       |         | 2004.96 |
|        |            | For (6km.p+1kmk)= without (GST+LC+SF)                                                                                               |         |       |         | 1972.45 |
|        |            | For (5km.p+1kmk)= without (GST+LC+SF)                                                                                               |         |       |         | 1939.93 |
|        |            | For (4km.p+1kmk)= without (GST+LC+SF)                                                                                               |         |       |         | 1907.42 |
|        |            | For (3km.p+1kmk)= without (GST+LC+SF)                                                                                               |         |       |         | 1874.91 |