

# **RURAL WORKS DEPARTMENT**

## **GOVT OF BIHAR**



**Name Of Road : Baliya to Kurgaon**

**DISTRICT : SAHARSA**

**DIVISION : SAHARSA**

**BLOCK : MAHISHI**

**HEAD : F.D.R.**

|                                      |          |                       |
|--------------------------------------|----------|-----------------------|
| <b>Total Road Length</b>             | <b>-</b> | <b>1.78KM</b>         |
| <b>Flood affected length of Road</b> | <b>-</b> | <b>234m</b>           |
| <b>Total Project Cost</b>            | <b>-</b> | <b>Rs. 7717687.00</b> |

**Year - 2024-25**

**NAME OF CIRCLE - R.W.D., WORKS CIRCLE, SAHARSA**

**NAME OF DIVISION - R.W.D., (W) DIVISION, SAHARSA**

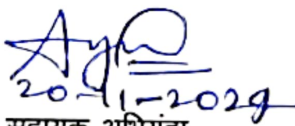
# प्रतिवेदन

|                         |                      |
|-------------------------|----------------------|
| पथ का नाम               | :— Baliya to Kurgaon |
| पथ की लंबाई             | :— 1.78 KM           |
| बाढ़ से क्षतिग्रस्त भाग | :— 234 m             |
| प्राक्कलित राशि         | :— Rs 7717687        |
| कार्य प्रमंडल           | :— सहरसा             |
| कार्य अंचल              | :— सहरसा             |
| योजना शीर्ष             | :— FDR               |
| योजना वर्ष              | :— 2024 - 25         |

प्रस्तुत प्राक्कलन कार्य प्रमंडल, सहरसा अंतर्गत महिषी प्रखंड में 2024-25 में आई भीषण बाढ़ से क्षतिग्रस्त पथ में मरम्मत मद से यातायात चालू करने हेतु अस्थायी पुनर्स्थापन के अंतर्गत कराये गये कार्य के लिये तैयार किया गया है। पथ में चैनेज - 0.35 Km से 1.350 कि०मी० में भारी कटाव एवं अत्यधिक जल जमाव हो जाने से यातायात पूर्णरूप से अवरुद्ध हो जाने के कारण तत्काल यातायात बहाल करने हेतु विभागीय निदेशानुसार Drone Time Stamp Videography एवं Geotag Photograph संधारित कर MIS के FDR Module में प्रविष्टि करते हुए पथ के क्षतिग्रस्त भाग में आवश्यकतानुसार Brick Bats भरकर यातायात चालू करने हेतु अस्थायी पुनर्स्थापन कार्य कराया गया है। जिसकी प्राक्कलित राशि Rs. 7717687 है।

प्रस्तुत प्राक्कलन संपादित कार्य के समय लागू सूचित प्रावधानों एवं वर्तमान अनुसूचित दर के अनुसार कार्यहित एवं स्थलीय आवश्यकता के अनुरूप तैयार किया गया है। जिसमें Contractor Profit एवं Overhead Charge शून्य रखा गया है। अतः अस्थायी पुनर्स्थापन कार्य के तहत कराये कार्य के भुगतान हेतु प्राक्कलन अग्रेतर कारवाई हेतु समर्पित।

  
कनीय अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, सहरसा।

  
सहायक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, सहरसा।

  
कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, सहरसा।

## DETAILED ESTIMATE FOR F.D.R.

### General Abstract of Cost

Name Of Road : Baliya to Kurgaon

DISTRICT : SAHARSA

DIVISION : SAHARSA

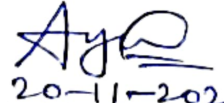
BLOCK : MAHISHI

Head : FDR

Year : 2024-25

| S.No. | Particulars                    | Total Cost (in Lakh) |
|-------|--------------------------------|----------------------|
| 1     | Total Cost for Motorable Roads | 6219981.00           |
| 2     | Labour cess @1%                | 62199.81             |
| 3     | GST @18%                       | 1119596.58           |
| 4     | Seigniorage Fee @ 10%          | 315909.15            |
| 5     | Total Cost of Road Repair      | 7717686.54           |
|       | Say                            | 7717687.00           |

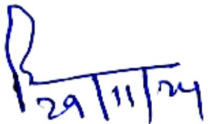
  
20/11/24  
Junior Engineer  
RWD (W) Division, Saharsa

  
20-11-2024  
Assistant Engineer  
RWD (W) Division, Saharsa

  
20/11/24  
Executive Engineer  
RWD (W) Division, Saharsa

Provisionally

Technically sanctioned for Rs. 77,17,687.00  
(Rupees Seventy Seven Lacs Seventeen thousand  
Six hundred Eighty Seven) only.

  
29/11/24  
Superintending Engineer  
R.W.D. Works Circle  
SAHARSA  
20/11/24

### Schedule of Quantity

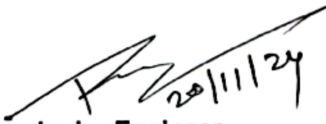
Name of Road : Baliya to Kurgaon

Division  
Block

SAHARSA  
MAHISHI

| S.No | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                                                                                         | QTY         | UNIT | RATE    | AMOUNT     |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|---------|------------|
| 1    | Sand Filling in Foundation Trenches as per Drawing & Technical Specification.                                                                                                                                                                                                                                                                                | 0.00        | Cum  | 463.32  | 0.00       |
| 2    | Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.                                                                                                                   | 3034.67     |      |         | 0.00       |
|      | <b>600 mm HP Dedution</b>                                                                                                                                                                                                                                                                                                                                    | <b>0.00</b> |      |         |            |
|      |                                                                                                                                                                                                                                                                                                                                                              | 3034.67     | Cum  | 2049.64 | 6219981.02 |
| 3    | Single bamboo palasiding / walling of whole 2nd class bamboo (Jati or Bethua) 75mm dia and closely packed & driven including fitting fixing with half bamboo kamis horizontally in three rows with cane or tying with wire complete and struts 1.5 m apart longitudinally and providing brush wood as per drawing and technical specifications Clause 1302.5 | 0.00        | m    | 198.77  | 0.00       |
| 4    | Providing ,laying and placing empty cement bag filled with local sand including stiching with sutali etc. ----- do ----- do-----all complete job as per specification and direction of E/I.( Including Royalty and all Taxes)                                                                                                                                | 0.00        | no.  | 33.95   | 0.00       |
| 5    | Providing and Laying 1000 mm Reinforced Cement Concrete Pipe NP3 as per design in Single Row pipe                                                                                                                                                                                                                                                            | 0.00        | m    | 6798.44 | 0.00       |
| 6    | Providing and Laying 600 mm Reinforced Cement Concrete Pipe NP3 as per design in Single Row pipe                                                                                                                                                                                                                                                             | 0.00        | m    | 3063.83 | 0.00       |

Total      6219981.02  
Say      6219981.00

  
20/11/24  
**Junior Engineer**  
RWD (W) Division, Saharsa

  
20-11-2024  
**Assistant Engineer**  
RWD (W) Division, Saharsa

  
20/11/24  
**Executive Engineer**  
RWD (W) Division, Saharsa



## Details of Measurement

| Particulars of Work |                                                                                                                                                                                                                                             | No                | Measurement    |                |               |      |                |                |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------|----------------|---------------|------|----------------|----------------|
|                     |                                                                                                                                                                                                                                             |                   | Length (in mm) |                | Width (in mm) |      | Height (in mm) |                |
| NAME OF ROAD :-     |                                                                                                                                                                                                                                             | Baliya to Kurgaon |                |                |               |      |                |                |
| Item NO.1           | Providing and laying of Brick bat obtained from chimney with mechanical means with all spreading ,grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge . |                   |                |                |               |      |                |                |
| CH in 0.300 KM      | 1                                                                                                                                                                                                                                           | 60.00             | (5.50+10.00)/2 | 7.75           |               | 2.50 | 1162.50        | m <sup>3</sup> |
|                     | 2                                                                                                                                                                                                                                           | 17.00             |                | 2.7            |               | 0.80 | 36.72          | m <sup>3</sup> |
|                     | 3                                                                                                                                                                                                                                           | 20.00             | (2.7+2.5)/2    | 2.6            | (1.30+2.10)/2 | 1.7  | 88.40          | m <sup>3</sup> |
| CH in 0.950 KM      | 1                                                                                                                                                                                                                                           | 30.00             | (5.00+6.00)/2  | 5.5            |               | 0.90 | 148.50         | m <sup>3</sup> |
|                     | 2                                                                                                                                                                                                                                           | 25.00             | (5.00+9.00)/2  | 7              |               | 2.5  | 437.50         | m <sup>3</sup> |
|                     | 3                                                                                                                                                                                                                                           | 30.00             | (5.50+10.00)/2 | 7.75           |               | 2.50 | 581.25         | m <sup>3</sup> |
|                     | 4                                                                                                                                                                                                                                           | 20.00             | (5.00+8.00)/2  | 6.5            |               | 1.90 | 247.00         | m <sup>3</sup> |
| CH in 1.350 KM      | 1                                                                                                                                                                                                                                           | 32.00             | (5.00+8.00)/2  | 6.5            |               | 1.6  | 332.80         | m <sup>3</sup> |
|                     |                                                                                                                                                                                                                                             | 234.00            |                | Total (in Cum) |               |      | 3034.67        | m <sup>3</sup> |
| Item NO.2           | Providing and laying reinforced Cement Concrete Pipe NP3 as per design in single row (1000mm dia)                                                                                                                                           |                   |                |                |               |      |                |                |
|                     |                                                                                                                                                                                                                                             |                   |                |                |               |      |                |                |
|                     |                                                                                                                                                                                                                                             |                   |                |                |               |      |                |                |
|                     |                                                                                                                                                                                                                                             | 0                 |                | Total (in Cum) |               |      | 0.000          |                |

  
 Junior Engineer  
 RWD (W) Division, Saharsa

  
 Assistant Engineer  
 RWD (W) Division, Saharsa

  
 Executive Engineer  
 RWD (W) Division, Saharsa