



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



## BIHAR RURAL ROADS PROJECT Bihar Rural Road Development Agency (BRRDA) Govt. of Bihar

FDR (Temporary) (1)

YEAR -2021-2022



Name of the Road :-

RESTORATION OF ROAD FROM T04 TO PARSHA GANESH UNDA FDR 2021-2022

DISTRICT

: AURANGABAD

DIVISION

: AURANGABAD

BLOCK

: NABINAGAR

TOTAL COST OF CONSTRUCTION

: 18.006 Lac

TOTAL COST OF PROJECT

: 18.006 Lac

SUBMITTED BY:-

EXECUTIVE ENGINEER  
RWD (W) DIVISION AURANGABAD  
AURANGABAD

14.307

13.55/100

14.307

# बाह्य क्षतिग्रस्त पथों का अन्तार प्रमंडलीय जाँच प्रतिवेदन हेतु प्रपत्र

1. निरीक्षी पदाधिकारी का नाम एवं पदनाम :- श्रीमान कुमार कर्मपाल ठाकुर
2. निरीक्षण की तिथि :- गुप्तगंगा कार्य-विकास कार्य-प्र. ६ अक्टूबर २०११
3. पथ का नाम (शीर्ष के साथ) :- 704 से परसा मार्ग
4. पथ की लम्बाई :-
5. कार्य प्रमंडल का नाम :- शुभीग कार्य विकास कार्य-प्र. ३ अंगारवाड़ा
6. प्रखंड का नाम :- नवीनगर
7. पथ की स्थिति :- (पूर्ण / On going)
8. पथ अनुरक्षण अवधि में है :- (Yes/No) - नहीं
9. क्षतिग्रस्त भाग की लम्बाई :-  $18+13+15+5+10+5 = 35 \text{ m}$   
4 cuts
10. क्षतिग्रस्त भाग में कराये गये कार्य का विवरणी :-  
(लम्बाई x चौड़ाई x गहराई)  
Sand filling  
 $2 \times 5.0 \times 6.0 \times 0.30 = 18.00 \text{ m}^3$   
 $1 \times 10.00 \times 5.0 \times 0.20 = 10.00 \text{ m}^3$   
 $1 \times 15.0 \times 5.0 \times 0.35 = 26.25 \text{ m}^3$   
54.25 m<sup>3</sup>  
H.P. brick bats & E.C. bag filling - 3000 bap  
Brick bat filling  
 $5.0 \times 7.0 \times 2.0 = 70 \text{ m}^3$   
 $3.0 \times 2.0 \times 1.0 = 6 \text{ m}^3$   
 $10.0 \times 2.5 \times 2.0 = 50 \text{ m}^3$   
 $10.0 \times 8.0 \times 0.6 = 48 \text{ m}^3$   
 $15.0 \times 2.5 \times 1.0 = 37.5 \text{ m}^3$   
 $2.0 \times 5.0 \times 2.0 \times 1.0 = 20 \text{ m}^3$   
206.5 m<sup>3</sup>  
3 x 6.5 x 3 x 1.45 = 8.85  
4 x 4.8 x 2.9 x 0.7 = 52.56  
= 61.41  
1. Temporary Restoration में किस-किस सामग्रियों का उपयोग किया गया है, उसका विवरणी :- Brick bats, H.P., E.C. bag etc & Carriage by tractor.

Root Briches at (4) places. Received by  
Bund of Bund Bat, chun & H.P. in the 3rd  
Road layer.  
FOR WORKERS have been founded  
monorable.

अभियुक्ति :-

25/11/11  
25

25/11/11

25/11/11  
E.F.  
B. Dandhager

निरीक्षी पदाधिकारी का हस्ताक्षर  
पदनाम सहित

## SUMMARY OF COST ESTIMATE FOR THE PROJECT

PACKAGE NO.

NAME OF ROAD :

RESTORATION OF ROAD FROM T04 TO PARSHA GANESH UNDA

FDR 2021-2022

DISTRICT

AURANGABAD

BLOCK

NABINAGAR

DIVISION

AURANGABAD

LENGTH OF ROAD (in Km)

0.000

LENGTH OF BT PAVEMENT

0

LENGTH OF CC PAVEMENT

0

CD STRUCTURES

HUME PIPE

0

RCC CULVERT

0

BOX CELL CULVERT

0

CAUSEWAY / MINOR BRIDGE

0

| Sl. No.                         | DESCRIPTION         | AMOUNT (LAKHS) |
|---------------------------------|---------------------|----------------|
| 1                               | SEND FILING         | 29876.560      |
| 2                               | BRICK BATS          | 1389698.181    |
| 3                               | HP Pipe NP3         | 0.000          |
| 4                               | EC bag              | 98156.000      |
| 5                               | Traffic Signs board | 11815.718      |
| TOTAL                           |                     | 1529546.459    |
| ADD GST @ 12 %                  |                     | 183545.575     |
| ADD LABOUR CESS @ 1 %           |                     | 15295.465      |
| TOTAL COST OF PROJECT IN LACS = |                     | 1728387.499    |

11.872  
1.425  
0.119  
14.307  
14.307

*[Signature]*  
JE  
RWD

*[Signature]*  
AEI  
RWD

*[Signature]*  
18/11/21  
EE  
RWD

Technically approved for Rs. 14.307 lakh  
Rupees Fourteen Crore Thirteen lakh  
Thirteen thousand Seven hundred only

*[Signature]*  
Technically Sanctioned for Rs. 14.307 lakh  
Rupees Fourteen Crore Thirteen lakh  
Thirteen thousand Seven hundred only

PDF Creator - PDF4Free v3.0  
S.E.  
R.W.D. (W) Circle  
Aurangabad

Page 1  
S.E.  
(W) Circle  
Aurangabad  
<http://www.pdf4free.com>



Part 9. Gamo 5h.

| SL No.                                                          | SDB No. | WORD No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | NOS   | LENGTH | WIDTH | HEIGHT | QUANTITY | RATE    | AMOUNT (In Rs.) |
|-----------------------------------------------------------------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|-------|--------|----------|---------|-----------------|
| <b>SUB HEAD: PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING</b> |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        |          |         |                 |
| 1                                                               | 11.2    | 300.1    | Send Filling in foundation trenches as per drawing and technical specification Clause 305.3.9                                                                                                                                                                                                                                                                                                                                                        |      |       |        |       |        |          |         |                 |
|                                                                 |         | 200      | (i + ii)                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cum  | 2.00  | 5.00   | 6.000 | 0.30   | 18.00    |         |                 |
|                                                                 |         |          | (iii)                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cum  | 1.00  | 10.00  | 5.000 | 0.20   | 10.00    |         |                 |
|                                                                 |         |          | (iv)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 1.00  | 15.00  | 5.000 | 0.35   | 26.25    | 501.55  | 27209.00        |
|                                                                 |         |          | Less for pipe                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | 0.00  | 0.79   | 1.513 | 15.000 | 0.00     | 501.55  | 27209.00        |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 54.25    | 501.55  | 27209.00        |
| 1                                                               |         | 401      | <b>BRICK BATS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |       |        |       |        |          |         |                 |
|                                                                 |         |          | Providing and filling brick bats in ditches including cost of brick bats and labour all complete job as per specification and direction of E/L.                                                                                                                                                                                                                                                                                                      |      |       |        |       |        |          |         |                 |
|                                                                 |         |          | cof                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cum  | 1.00  | 5.00   | 7.000 | 2.000  | 70.00    |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cum  | 1.00  | 5.00   | 7.500 | 1.800  | 67.50    |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cum  | 1.00  | 10.00  | 7.500 | 2.000  | 150.00   |         |                 |
|                                                                 |         |          | 5.000                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.00 | 10.00 | 8.000  | 0.600 | 48.00  |          |         |                 |
|                                                                 |         |          | TBP                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.00 | 15.00 | 7.500  | 1.900 | 213.75 |          |         |                 |
|                                                                 |         |          | Pob                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.00 | 5.00  | 2.500  | 1.800 | 45.00  |          |         |                 |
|                                                                 |         |          | Pob                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.00 | 6.50  | 3.000  | 1.450 | 84.83  |          |         |                 |
|                                                                 |         |          | Pob                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.00 | 4.80  | 2.900  | 0.950 | 52.90  |          |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 731.97   | 1498.60 | 10,96,980.00    |
|                                                                 |         |          | Less for pipe                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | 0.00  | 0.79   | 0.090 | 7.000  | 0.00     | 1498.60 | 10,96,980.00    |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 731.97   | 1498.60 | 10,96,980.00    |
| 1                                                               | 93      | 1100     | <b>Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row 600MM</b>                                                                                                                                                                                                                                                                                                                                                    |      |       |        |       |        |          |         |                 |
|                                                                 |         |          | Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.                                                                                                                                           |      |       |        |       |        |          |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M    | 0.00  | 3.00   | 2.500 |        | 0.00     |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M    | 0.00  | 2.00   | 2.500 |        | 0.00     |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 0.00     | 2495.37 | 0.00            |
| 1                                                               | 5.1     | 502      | <b>Providing, Supplying and laying Empty Cement bags including filling, stitching, laying and placing at worksite all complete job as per specification and direction of E/L</b>                                                                                                                                                                                                                                                                     |      |       |        |       |        |          |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | cum  | 2.00  | 15.00  | 1.200 | 1.20   | 43.20    |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | cum  | 2.00  | 8.00   | 1.200 | 1.35   | 25.92    |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | cum  | 0.00  | 4.00   | 3.000 | 2.00   | 0.00     |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | cum  | 0.00  | 5.00   | 3.000 | 2.50   | 0.00     |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 69.12    | 21.60   | 63105.00        |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        | 3005.22  | 32.66   | 98156.00        |
|                                                                 |         |          | no of bag                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |       |        |       |        |          |         |                 |
| 5                                                               | 10.2    |          | <b>Providing and fixing of retro-reflectorised cautionary, mandatory and Informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminum sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level</b> |      |       |        |       |        |          |         |                 |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        |          | 4636.20 | 9278.00         |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        |          | 5907.86 | 11,815.72       |
|                                                                 |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |        |       |        |          |         | 15,29,540.00    |

JE  
RWD

AE  
RWD

EE  
RWD  
18/11/21  
1496.77  
11,872.44  
11,872.69