



*Govt. of Bihar*

*R.W.D. WORKS CIRCLE, GAYA*

*Detailed Estimate for  
F.D.R. of Road In Front of  
Bataspur and Chhachh  
Village in 8 th Km of  
Mankosi Ghoghariya Road.*

*Under- "F.D.R."*

*Block - Bodh Gaya*

*District - Gaya*

*Estimated Cost - Rs. 4,37,500/-*

*Submitted By :-*

*Executive Engineer*

*R.W.D. Works Division,*

*GAYA*

**F.D.R. of In Front of Bataspur and Chach Village in 8 th Km of Mankosi  
Ghoghariya Road.**

**GENERAL ABSTRACT**

**Road Work**

1 F.D.R. of Road ,

Rs 379828.00

Sub Total

Rs 379828.00

Add for Labour Cess

1.00 % on 379828.00

Rs 3798.00

Add for G.S.T.

12.00 % on 379828.00

Rs 45579.00

Add for Seigniorage Fee

Rs 8247.00

(Details Attached)

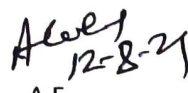
Grand Total

Rs. 437452.00

Say -

Rs. 437500.00

  
12.0.21  
JE  
R.W.D

  
12-8-21  
A.E  
R.W.D

  
Executive Engineer  
R.W.D., Works Division  
Gaya

**Detailed Estimate for F.D.R. of Road-  
In Front of Bataspur and Chach Village in 8 th Km of Mankosi Ghoghariya Road.**

| Sl.No   | Item's of Work                                                                                                                                                                                                                                                                                                                                                                                                         |   |   |       |    |       |      |      |      |        | Qty |  | Rate |  | Unit |  | Amount |  |           |     |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|-------|----|-------|------|------|------|--------|-----|--|------|--|------|--|--------|--|-----------|-----|
| 1       | 2                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |       |    |       |      |      |      |        | 3   |  | 4    |  | 5    |  | 6      |  |           |     |
| 1       | Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2. with lead upto 1000 M (Analysis SOR, RCD)                                                                                                                                                          |   |   |       |    |       |      |      |      |        |     |  |      |  |      |  |        |  |           |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | x | 38.00 | Mx | 7.50  | Mx   | 2.65 | M=   | 755.25 |     |  |      |  |      |  |        |  | cum       |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | x | 26.00 | Mx | 7.50  | Mx   | 2.20 | M=   | 429.00 |     |  |      |  |      |  |        |  | cum       |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | x | 24.00 | Mx | (     | 4.00 | M+   | 3.00 | M+     |     |  |      |  |      |  |        |  |           |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   | 2.50  | av | M)/3x | 4.00 |      | M=   | 304.00 |     |  |      |  |      |  |        |  | cum       |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |       |    |       |      |      |      |        |     |  |      |  |      |  |        |  | 1488.25   | cum |
| 2       | Granular sub-base with well graded material-400.1<br>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.G.S.B. Grading-I (By mix in place method) |   |   |       |    |       |      |      |      |        |     |  |      |  |      |  |        |  |           |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | x | 38.00 | Mx | 4.05  | Mx   | 0.20 | M=   | 30.78  |     |  |      |  |      |  |        |  | cum       |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | x | 26.00 | Mx | 4.05  | Mx   | 0.20 | M=   | 21.06  |     |  |      |  |      |  |        |  | cum       |     |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |       |    |       |      |      |      |        |     |  |      |  |      |  |        |  | 51.84     | cum |
| Total - |                                                                                                                                                                                                                                                                                                                                                                                                                        |   |   |       |    |       |      |      |      |        |     |  |      |  |      |  |        |  | 379828.00 |     |

*[Signature]*  
12.8.21  
J.E.  
R.W.D.

*[Signature]*  
12-8-21  
A.E.  
R.W.D.

*[Signature]*  
12/8/21  
Executive Engineer  
R.W.D., Works Division  
Gaya

प्रमाणित किया जाता है कि इस मापी हुई में  
अधिक द्वारा मुद्रित हुए हैं (100) पृष्ठ  
अर्थात् इस मापी हुई के सहस्रक अक्षिप्त,  
श्री अरविप्रकाश कुमार प्रमंडल, ग्रामीण कार्य  
विभाग, कार्य अक्षर प्रमंडल, बलीरगंज को  
निर्दिष्ट किया जाता है।

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, गया

Pune  
30.9.20

Sch. XLV - Form No. 134

E. E. R. W. D. (W) DIVISION  
JAYA  
A. E. R. W. D. (W) SUB-DIVISION  
BODH JAYA

## Measurement Book

No.

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

Record Entry

CH: FDR

Name of work: Const of FDR in  
front of Bataspur &  
Chachh village in 8th km  
of Mankosi-Ghogharis road.

Agency: Departmental

Date of Entry: 16.8.2021

|                                                                                                                                           |         |                                |                            |  |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------|----------------------------|--|------------------------|
| ① Const of embankment<br>with approved material<br><del>also</del> obtained from<br>borrow pit (as) upto 1000m.<br>do do all Complete job |         |                                |                            |  |                        |
| 1 x                                                                                                                                       | 30.50 m | 7.50 m                         | 2.65                       |  | $= 596.25 \text{ m}^3$ |
| 1 x                                                                                                                                       | 38.00 m | 7.50 m                         | 2.65                       |  | $= 753.75 \text{ m}^3$ |
| 1 x                                                                                                                                       | 26.00 m | 7.50 m                         | 2.20                       |  | $= 429.00 \text{ m}^3$ |
| 1 x                                                                                                                                       | 24.00 m | $\frac{4.00 + 3.00 + 2.50}{3}$ | $4.00 \text{ (Av)} = 3.04$ |  | $= 304.00 \text{ m}^3$ |
|                                                                                                                                           |         |                                |                            |  | 1488.25 $\text{m}^3$   |

|                                                              |         |        |      |  |                       |
|--------------------------------------------------------------|---------|--------|------|--|-----------------------|
| ② Const of GSB by bridging<br>well graded material - grady I |         |        |      |  |                       |
| 2 x                                                          | 30.00 m | 4.05 m | 0.20 |  | $= 48.60 \text{ m}^3$ |
| 1 x                                                          | 4.00 m  | 4.05 m | 0.20 |  | $= 3.24 \text{ m}^3$  |
|                                                              |         |        |      |  | 51.84 $\text{m}^3$    |

Continuation

Sumit  
JE 16.8.21

Accepted  
16-8-21  
A-E

16/8/21  
F.S.