

*Kariga BonSauli East to Karadiga  
BonSauli Richardi 4019*  
Schedule XLV-Form No. 134

*Rhitala*

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

# 1st on A/c B.M.

Name of work—

1

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 measurements relating to each work.)

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

Name of work: Construction of road from Karigs Bensauli east to 1/2 to Karigs Bensauli Bicheli Tola.

Agency: Aditya Kumar Tiwari, West Champarn.

Agreement No: 54/SBD/2020-21

Agreement Amount Rs 67,89770 = ∞

Date of start - 31/12/2020

Date of completion 30/08/2021

Revised Measurement

1. Construction of road  
Bench mark : 0.700 km

2. Clearing and grubbing road bed

$$2 \times 23 \times 30.00 \times 1.50 = 2070 \text{ m}^2$$

$$2 \times 1 \times 10.00 \times 1.50 = 30 \text{ m}^2$$

$$\text{Total} = 2100 \text{ m}^2$$

$$\text{Say} = 0.21 \text{ Hour}$$

3. Construction of Embankment

$$= 23 \times 30.00 \times \frac{6 + 6.65}{2} =$$

$$\frac{4 + 4.5}{2} \times 0.50 = 715.875 \text{ m}^3$$

Construction of embankment -- land

$$\text{Up to 100 m (30% of total)} = 214.76 \text{ m}^3$$

Construction of embankment -- land

$$\text{Up to 100 m (70% of total)} = 501.12 \text{ m}^3$$

Continuation

| Particulars                         | Details of actual measurement |       |        |                        | Contents of area          |
|-------------------------------------|-------------------------------|-------|--------|------------------------|---------------------------|
|                                     | No.                           | L.    | B.     | D.                     |                           |
| 4 Excavation for road way           |                               |       |        |                        |                           |
|                                     | 2X23                          | 30.00 | X0.375 | X0.100                 | 51.75 m <sup>3</sup>      |
|                                     | 2X1                           | 10.00 | X0.375 | X0.100                 | 0.75 "                    |
|                                     |                               |       |        | Total =                | 52.50 m <sup>3</sup>      |
| 5 Construction of granular sub sand |                               |       |        |                        |                           |
|                                     | 2X23                          | 30.00 | X0.375 | X0.100                 | 51.75 m <sup>3</sup>      |
|                                     | 5X                            | 9.5   | X1.4   | X0.100                 | 6.65 m <sup>3</sup>       |
|                                     | 6X                            | 6.00  | X1.5   | X0.120                 | 6.48 "                    |
|                                     | 5X                            | 5     | X1.50  | X0.100                 | 3.75 "                    |
|                                     | 2X1                           | 10.00 | X0.375 | X0.100                 | 0.75 "                    |
| Revised<br>Extra width<br>At joint  | 2X                            | 12.00 | X      | $\frac{4.4 + 3.75}{2}$ |                           |
|                                     |                               |       |        | $- 3.75$               | $\times 0.200 = 1.56 m^3$ |

Total = 70.94 m<sup>3</sup>

Revised by

02/03/2024

JC

Revised measurement

1 Construction of WBM.

Grill

23X30.00X3.75X0.075 = 194.06 m<sup>3</sup>

Revised by

07/03/2024

JC

Continuation

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| Particulars                                            | Details of actual measurement |       |      |       | Contents of area   |
|--------------------------------------------------------|-------------------------------|-------|------|-------|--------------------|
|                                                        | No.                           | L.    | B.   | D.    |                    |
| <u>Revised Measurement</u>                             |                               |       |      |       |                    |
| 1 Construction of un-rendered<br>Plain Cement concrete |                               |       |      |       |                    |
|                                                        | 23                            | 30.00 | 3.75 | 0.160 | 414 m <sup>3</sup> |
| 2 provision a.o.f. fixing                              |                               |       |      |       |                    |
| 111/63/58 mmol = 2 mm.                                 |                               |       |      |       |                    |
| <u>Revised total</u>                                   |                               |       |      |       |                    |
|                                                        | 12/02/21                      |       |      |       |                    |
|                                                        | RE                            |       |      |       |                    |
| <u>Material Statement</u>                              |                               |       |      |       |                    |

|                    |                        |                          |
|--------------------|------------------------|--------------------------|
| 1 Earth work       | 715.875 m <sup>3</sup> | (34.28/m <sup>3</sup> )  |
| 2 Stone metal      | 42.528 m <sup>3</sup>  | (620.62/m <sup>3</sup> ) |
| 3 Stone metal      | 17.01 m <sup>3</sup>   | (514.38/m <sup>3</sup> ) |
| 4 Crushed sand     | 25.52 m <sup>3</sup>   | (289.65/m <sup>3</sup> ) |
| 5 Stone metal      | 234.81 m <sup>3</sup>  | (591.44/m <sup>3</sup> ) |
| 6 Stone screenings | 46.57 m <sup>3</sup>   | (297.72/m <sup>3</sup> ) |
| 7 Stone chips      | 372.64 m <sup>3</sup>  | (581.99/m <sup>3</sup> ) |
| 8 Cement sand      | 186.24 m <sup>3</sup>  | (175.8/m <sup>3</sup> )  |
| 9 Cement           | 144.9 t                | (571.6/t)                |

Revised total  
12/02/21  
RE

Checked by  
12.03.21  
RE

Continuation

# Abstract of cost

4

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| Particulars                              | Details of actual measurement |    |    |     | Contents of area |
|------------------------------------------|-------------------------------|----|----|-----|------------------|
|                                          | No.                           | L. | B. | D.  |                  |
| 1/ Construction of wing                  |                               |    |    |     |                  |
| On side TMD fig no 1:                    |                               |    |    |     |                  |
| 0.700 km @ Rs. 6768=01/km                |                               |    |    |     |                  |
|                                          |                               |    |    | Rs. | 4738=0           |
| 2/ Cleaning and grading side             |                               |    |    |     |                  |
| TMD fig no 1: 0.211 km @                 |                               |    |    |     |                  |
| Rs 53,879=82/Hmt                         |                               |    |    | Rs. | 11315=0          |
| 3/ Const. of embankment - 1st            |                               |    |    |     |                  |
| up to 100m side TMD fig                  |                               |    |    |     |                  |
| no. 1: 214.76 m <sup>2</sup> @ Rs        |                               |    |    |     |                  |
| 190=14/m <sup>2</sup>                    |                               |    |    | Rs  | 40834=0          |
| 4/ Const. of embankment - 2nd            |                               |    |    |     |                  |
| lead up to 100m side                     |                               |    |    |     |                  |
| TMD fig no 1: 501.12 m <sup>2</sup>      |                               |    |    |     |                  |
| @ Rs 153=90/m <sup>2</sup>               |                               |    |    | Rs  | 77122=0          |
| 5/ Construction of G.S. Bridge           |                               |    |    |     |                  |
| TMD fig no 2: 70.84 m <sup>2</sup>       |                               |    |    |     |                  |
| restricted to 70.88 m <sup>2</sup> @ Rs  |                               |    |    |     |                  |
| 4209=50/m <sup>2</sup>                   |                               |    |    | Rs  | 298398=0         |
| 6/ Excavation for road way               |                               |    |    |     |                  |
| side TMD fig no. 2: 52.50 m <sup>2</sup> |                               |    |    |     |                  |
| @ Rs 75=61/m <sup>2</sup>                |                               |    |    | Rs. | 3970=0           |
| 7/ Providing laying, spreading           |                               |    |    |     |                  |
| WBM Gravel side TMD fig                  |                               |    |    |     |                  |
| no. 2: 194.06 m <sup>2</sup> @ Rs        |                               |    |    |     |                  |
| 50,5062=51/m <sup>2</sup>                |                               |    |    | Rs  | 982431=0         |

Continuation

Total Rs 14,18,808/-

C/K

| Particulars                                                                                                                                       | Details of actual measurement |    |    |    | Contents of area          |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|---------------------------|
|                                                                                                                                                   | No.                           | L. | B. | D. |                           |
| 8/14 Construction of unreinforced<br>plain cement concrete<br>vide TMA fig no 3:<br>414.00 m <sup>2</sup> @ R <sub>1</sub> 8693.07/m <sup>2</sup> |                               |    |    |    | R <sub>2</sub> 3598931.20 |
| 9/23 Providing and fixing<br>1mm GS, sand vide TMA<br>fig no 3: 2 nos @ R <sub>2</sub><br>13925.91 / Each                                         |                               |    |    |    | R <sub>2</sub> 26852.00   |
| Total R <sub>2</sub> 5044591.20                                                                                                                   |                               |    |    |    |                           |
| Add 12% GST R <sub>2</sub>                                                                                                                        |                               |    |    |    | 605351.20                 |
| Add 1% Cess R <sub>2</sub>                                                                                                                        |                               |    |    |    | 50446.20                  |
| Add Scaffolding R <sub>2</sub>                                                                                                                    |                               |    |    |    | 54294.00                  |

Total R<sub>2</sub> 5754682.00

less

Revised ~~14/07/21~~  
14/07/21

Approved by  
12.03.2024  
R<sub>2</sub>

C.B.P.

Approved by  
12.03.2024  
R<sub>2</sub>