

(ii) MMSD (WB) (Part B) RCC Bridge on Madhumat to barne  
Mamadu Mondia at C-14/133071  
**Schedule XLV-Form No. 134**

মুন্সীগঞ্জ **DIVISION**

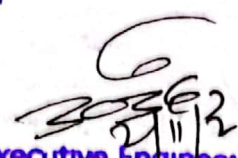
১৯২১৭৫-১১ **SUB-DIVISION**

M.B. No -  $\frac{283}{21-22}$

**MEASUREMENT BOOK**

১৯২১৭৫-১১

પ્રમાણિત નિર્માણ કાર્યો માટે નિર્ણય કરવામાં આવેલ  
પંક્તિ નં. ૧૨૧ ની કિંમત રૂ. ૧૨૫૦૦/- (૨૦૦૦૦/-)  
કુલ રૂ. ૧૨૫૦૦/- સહીમાન અભિયાન, ગ્રામીણ  
બાળ શિક્ષણ, બાળ અને યુવાન, સ્ત્રી અને  
બીજાનાં હિતો.

  
21/11/21  
Executive Engineer  
Rural Works Department  
Works Division Phulparas  
2.11.21

Sch. XLV - Form No. 134

મુ.મ.૪૨૧૨ DIVISION

સુરેશ્વર SUB-DIVISION

## Measurement Book

No. 283.  
21-22

Name of Officer

  
21/11/21  
Executive Engineer  
Rural Works Department  
Works Division Phulparas  
2.11.21

Date of first entry

Date of last entry

KCC Bridge on Madhupur to  
berna Mowader Mandir at CH. 1230m.

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.                 |                  |
|                                          | 1st on A/c bill Part-B        |                                          |    |                    |                  |
| M/W- R.C.C.                              | Bridge on Madhupur to         |                                          |    |                    |                  |
| Bousaha Mahender Mandir                  | at CH-1230m                   |                                          |    |                    |                  |
| Agency-                                  | Phulder Yadav.                |                                          |    |                    |                  |
| Agreement:-                              | 14 M/B/D/2021-22 date-29.9.20 |                                          |    |                    |                  |
| Date of entry                            | - start - 29-9-2021           |                                          |    |                    |                  |
| Date of Completion                       | - 28-9-22                     |                                          |    |                    |                  |
| Details                                  |                               |                                          |    |                    |                  |
| 1. Construct of one span service road    |                               |                                          |    |                    |                  |
|                                          |                               |                                          |    | 18.75m.            |                  |
| 2. TMT Bar in foundation - Abutment-2 Rd |                               |                                          |    |                    |                  |
| 25mm $\phi$ main bar                     | 22NO                          | 24.45m                                   | =  | 537.90m.           |                  |
|                                          | Lab 2x22NO                    | 1.5m                                     | =  | 66.00m             |                  |
|                                          |                               |                                          |    | 603.9m             |                  |
|                                          | 3.851 kg/m                    |                                          |    | 2325.62K           |                  |
| 20mm $\phi$ spacer bar                   | 12NO                          | 3.53                                     | =  | 42.36m             |                  |
|                                          | C 2.1465 kg/m                 |                                          |    | 104.42K            |                  |
| 8mm $\phi$ ring                          | 142NO                         | 3.40m                                    | =  | 499.8              |                  |
|                                          | C 0.394 kg/m                  |                                          |    | 196.92K            |                  |
|                                          |                               |                                          |    | 2626.96K           |                  |
|                                          |                               |                                          |    | = 2.627MT.         |                  |
| Steel liner 6m thick                     |                               |                                          |    |                    |                  |
|                                          | $\frac{\pi D \times h}{2}$    | $\frac{2422}{247} \times 12 \times 210m$ | =  | 7.54m <sup>2</sup> |                  |
|                                          | 47.1 Kg/m <sup>2</sup>        |                                          |    | 355.27K            |                  |
|                                          |                               |                                          |    | = 0.355MT.         |                  |

Continuation

3rd & final bill

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| Particulars                      | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------|-------------------------------|----|----|----|------------------|
|                                  | No.                           | L. | B. | D. |                  |
| work - Const. of R.C.C Bridge on |                               |    |    |    |                  |
| Madhupur to Borha Mahadev        |                               |    |    |    |                  |
| Mandir at ch - 1230 m            |                               |    |    |    |                  |
| Agency - Phulder Yadav           |                               |    |    |    |                  |
| Agreement No - 14 MBD / 2021-22  |                               |    |    |    |                  |
| Date of agreement - 29/9/2021    |                               |    |    |    |                  |
| Completion date - 28/9/2022      |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |

1) Providing PCC below approach slab M15  
 $2 \times 8.45 \text{ m} \times 3.50 \text{ m} \times 0.15 \text{ m} = 8.87 \text{ m}^3$

2) Providing PCC approach slab M30  
 $2 \times 8.45 \text{ m} \times 3.50 \text{ m} \times 0.347 = 20.52$

Subtotal 84.04 MB  
 Arvind Sharma 15/10/2023 JEE

3) Boulder pitching in protect wall  
 $30 \times 8 \text{ m} \times 0.25 \text{ m} = 60$   
 $4 \times 5 \text{ m} \times 0.25 \text{ m} = 5 \text{ m}^3$   
 $\frac{9 \times 677}{2} \times 0.25 \text{ m} = 14.62 \text{ m}^3$

Continuation

# Abstract of cost

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Sch. XLV-Form No. 134

| Particulars                         | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------|-------------------------------|----|----|----|------------------|
|                                     | No.                           | L. | B. | D. |                  |
| 1) Excavation for structure         |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 301.29 m <sup>3</sup> @ Rs 311.00 = |                               |    |    |    | 93701            |
| 2) P.C.C M15 in levelled concrete   |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 14.58 m <sup>3</sup> @ 6295.00 =    |                               |    |    |    | 91781            |
| 3) R.C.C M30 grade in foundation    |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 159.74 m <sup>3</sup> @ 7378 =      |                               |    |    |    | 1178562          |
| 4) Bored cast M25 grade pile        |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 264.00 m @ Rs 17628 =               |                               |    |    |    | 4653792          |
| 5) T.M.T bar reinforcement          |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 43.724 M.T @ 53397 =                |                               |    |    |    | 2334818          |
| 6) Providing one span stirrups      |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 18.75 m @ Rs 3597.29 =              |                               |    |    |    | 67449            |
| 7) Steel liner 6mm thick            |                               |    |    |    |                  |
| Qty vide T.M.B Pg-21                |                               |    |    |    |                  |
| 4.26 M.T @ Rs 63730.53 =            |                               |    |    |    | 271492           |
| 8) R.C.C M30 grade in substructure  |                               |    |    |    |                  |
| Qty vide T.M.B Pg-22                |                               |    |    |    |                  |
| 105.24 m <sup>3</sup> @ 7649.00 =   |                               |    |    |    | 804981           |

Continuation

Continuation