

Chakdakwa to Thondaw

Schedule XLV From No. 134.  
BIHAR P. W.D.

FDR

\_\_\_\_\_  
DIVISION

\_\_\_\_\_  
SUB-DIVISION

# MEASUREMENT BOOK

1308

76

प्रमाणित किया जाता है कि इस मा-  
मशीन द्वारा टंकित क्र० सं०-०१ से १०  
पन्ने हैं। यह मापीपुस्तक अविगन्ता,  
तरीफ कार्य विभाग, कार्व अवर, प्रमंडल,  
को निर्गत किया जाता है।  
११६१२

*[Signature]* 26/6/21

Executive Engineer  
ROAD (W) Div, Bagaha-1  
26/6/21

Reissred to Jc Arvind K.

*[Signature]*  
26/6/21

Sch. XLV-Form No. 134

\_\_\_\_\_  
DIVISION  
\_\_\_\_\_  
SUB-DIVISION  
११६१२

# Measurement Book

No. 1308

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 measurements relating to each work.)

| Particulars                                                                                         | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                     | No.                           | L. | B. | D. |                  |
| N/Work :- Repair of Road & breaches damaged by flood for Motorability in Chakdaha to Tharadaha tola |                               |    |    |    |                  |
| Plan Head :- FDR (2021)                                                                             |                               |    |    |    |                  |
| S. Head :- G.T.N.S.Y (Under Maint.)                                                                 |                               |    |    |    |                  |
|                                                                                                     |                               |    |    |    |                  |

## Measurement

|                                                                 |  |  |  |
|-----------------------------------------------------------------|--|--|--|
| 1. Brick Bat                                                    |  |  |  |
| (1) 0m to 300m                                                  |  |  |  |
| (i) $3 \times 100 \times 0.75 \times 0.075 = 16.88 \text{ cum}$ |  |  |  |
| (2) 300m to 450m                                                |  |  |  |
| (i) $2 \times 100 \times 0.75 \times 0.75 = 11.25 \text{ m}^3$  |  |  |  |
| (ii) $2 \times 50 \times 0.75 \times 0.75 = 56.25 \text{ m}^3$  |  |  |  |
| (iii) $2 \times 30 \times 1.28 \times 0.35 = 26.88 \text{ m}^3$ |  |  |  |
| (iv) $1 \times 50 \times 0.75 \times 0.075 = 2.81 \text{ m}^3$  |  |  |  |
| (v) $2 \times 40 \times 1.50 \times 0.70 = 36.00 \text{ m}^3$   |  |  |  |
| (3) 450m to 500m                                                |  |  |  |
| (i) $2 \times 50 \times 0.75 \times 0.075 = 5.63 \text{ m}^3$   |  |  |  |
| (4) 500m to 800m                                                |  |  |  |
| (i) $4 \times 100 \times 0.75 \times 0.075 = 22.50 \text{ m}^3$ |  |  |  |
| (ii) $2 \times 300 \times 1.5 \times 0.3 = 27.00 \text{ m}^3$   |  |  |  |
| (iii) $2 \times 24 \times 1.35 \times 0.40 = 25.92 \text{ m}^3$ |  |  |  |
| (iv) $2 \times 36 \times 0.75 \times 0.075 = 4.05 \text{ m}^3$  |  |  |  |

Continuation

10.8.21  
Jeh

## Sch. XLV-Form No. 134

| Particulars                                   | Details of actual measurement |   |   | Contents of area     |
|-----------------------------------------------|-------------------------------|---|---|----------------------|
|                                               | No                            | L | B | D                    |
| (5) 80.00m to 85.00m                          |                               |   |   |                      |
| i) $2 \times 50 \times 0.25 \times 0.025 =$   |                               |   |   | 5.62 m <sup>3</sup>  |
| (6) 87.00m to 100.00m                         |                               |   |   |                      |
| i) $2 \times 50 \times 1.60 \times 0.3 =$     |                               |   |   | 48.00 m <sup>3</sup> |
| ii) $2 \times 20 \times 0.25 \times 0.075 =$  |                               |   |   | 3.38 m <sup>3</sup>  |
| iii) $2 \times 50 \times 1.50 \times 0.850 =$ |                               |   |   | 37.50 m <sup>3</sup> |
| (7) 100.00m to 105.00m                        |                               |   |   |                      |
| i) $2 \times 50 \times 1.50 \times 0.30 =$    |                               |   |   | 45.00 m <sup>3</sup> |
| (8) 105.00m to 110.00m                        |                               |   |   |                      |
| i) $2 \times 50 \times 0.25 \times 0.025 =$   |                               |   |   | 5.63 m <sup>3</sup>  |
| (9) 110.00m to 140.00m                        |                               |   |   |                      |
| i) $6 \times 100 \times 0.25 \times 0.025 =$  |                               |   |   | 33.25 m <sup>3</sup> |
| (10) 140.00m to 145.00m                       |                               |   |   |                      |
| i) $2 \times 50 \times 0.25 \times 0.025 =$   |                               |   |   | 5.63 m <sup>3</sup>  |

|                                               |  |  |  |                      |
|-----------------------------------------------|--|--|--|----------------------|
| (11) 145.00m to 150.00m                       |  |  |  |                      |
| i) $1 \times 28 \times 1.50 \times 0.3 =$     |  |  |  | 12.60 m <sup>3</sup> |
| ii) $1 \times 20 \times 1.75 \times 0.025 =$  |  |  |  | 2.89 m <sup>3</sup>  |
| iii) $1 \times 50 \times 0.25 \times 0.025 =$ |  |  |  | 2.81 m <sup>3</sup>  |
| (12) 150.00m to 152.50m                       |  |  |  |                      |
| i) $1 \times 20 \times 1.40 \times 0.80 =$    |  |  |  | 12.60 m <sup>3</sup> |
| ii) $2 \times 30 \times 0.25 \times 0.025 =$  |  |  |  | 3.38 m <sup>3</sup>  |
| iii) $1 \times 45 \times 0.25 \times 0.025 =$ |  |  |  | 2.53 m <sup>3</sup>  |
| (13) 152.50m to 160.00m                       |  |  |  |                      |
| i) $2 \times 25 \times 0.25 \times 0.025 =$   |  |  |  | 2.81 m <sup>3</sup>  |
| (14) 160.00m to 169.00m                       |  |  |  |                      |
| i) $2 \times 40 \times 0.25 \times 0.025 =$   |  |  |  | 3.38 m <sup>3</sup>  |
| ii) $1 \times 25 \times 1.75 \times 0.35 =$   |  |  |  | 14.88 m <sup>3</sup> |
| iii) $1 \times 35 \times 0.25 \times 0.025 =$ |  |  |  | 1.97 m <sup>3</sup>  |
| (15) 169.00m to 170.00m                       |  |  |  |                      |
| i) $1 \times 80 \times 0.25 \times 0.025 =$   |  |  |  | 4.50 m <sup>3</sup>  |

Continuation

24.821

## Sch. XLV-Form No. 134

| Particulars             | Details of actual measurement |   |   |         | Contents of area      |
|-------------------------|-------------------------------|---|---|---------|-----------------------|
|                         | No                            | L | B | D       |                       |
| (i) 1x20x1.50x0.30 =    |                               |   |   |         | 9.00 m <sup>3</sup>   |
| (iii) 2x30x0.75x0.075 = |                               |   |   |         | 3.38 m <sup>3</sup>   |
| (16) 1770 m to 1930 m   |                               |   |   |         |                       |
| (i) 2x100x0.75x0.075 =  |                               |   |   |         | 11.25 m <sup>3</sup>  |
| (ii) 2x14x1.50x0.40 =   |                               |   |   |         | 16.80 m <sup>3</sup>  |
| (iii) 1x40x0.75x0.075 = |                               |   |   |         | 2.25 m <sup>3</sup>   |
| (iv) 1x15x0.75x0.075 =  |                               |   |   |         | 0.84 m <sup>3</sup>   |
|                         |                               |   |   | total = | 496.38 m <sup>3</sup> |
| 9m (2) 0 m to 100 m     |                               |   |   |         |                       |
| (i) 2x100x1.20x0.45 =   |                               |   |   |         | 108.00 m <sup>3</sup> |
| (2) 105 m to 350 m      |                               |   |   |         |                       |
| 2x200x1.35x0.60 =       |                               |   |   |         | 324.00 m <sup>3</sup> |
| 1x16x1.50x1.00 =        |                               |   |   |         | 24.00 m <sup>3</sup>  |
| 2x28x1.40x0.75 =        |                               |   |   |         | 58.80 m <sup>3</sup>  |

|                    |  |  |  |         |                        |
|--------------------|--|--|--|---------|------------------------|
| 1x12x1.25x0.90 =   |  |  |  |         | 13.50 m <sup>3</sup>   |
| 1x30x1.20x0.45 =   |  |  |  |         | 13.50 m <sup>3</sup>   |
| * 400 m to 700 m   |  |  |  |         |                        |
| 2x100x1.2x0.75 =   |  |  |  |         | 180.00 m <sup>3</sup>  |
| 2x30x1.30x0.45 =   |  |  |  |         | 35.10 m <sup>3</sup>   |
| 1x10x1.50x0.30 =   |  |  |  |         | 4.50                   |
| * 1200 m to 1340 m |  |  |  |         |                        |
| 2x100x1.30x0.60 =  |  |  |  |         | 156.00 m <sup>3</sup>  |
| 2x40x1.20x0.45 =   |  |  |  |         | 43.20 m <sup>3</sup>   |
| * 1450 m to 1575 m |  |  |  |         |                        |
| 2x100x1.25x0.3 =   |  |  |  |         | 75.00 m <sup>3</sup>   |
| 2x30x1.00x0.45 =   |  |  |  |         | 27.00 m <sup>3</sup>   |
| * 1690 m to 1770 m |  |  |  |         |                        |
| 2x50x1.2x0.35 =    |  |  |  |         | 42.00 m <sup>3</sup>   |
| 1x24x1.10x0.45 =   |  |  |  |         | 11.88 m <sup>3</sup>   |
|                    |  |  |  | total = | 1116.48 m <sup>3</sup> |

Continuation

12/09/2021

## Sch. XLV-Form No. 134

| Particulars              | Details of actual measurement |    |    |    | Contents of area      |
|--------------------------|-------------------------------|----|----|----|-----------------------|
|                          | No.                           | L. | B. | D. |                       |
| (1) Sand Bag             |                               |    |    |    |                       |
| 1) 25000 to 28000        |                               |    |    |    |                       |
| 1 x 23 x 0.90 x 0.60 =   |                               |    |    |    | 12.42 m <sup>3</sup>  |
| 1 x 15 x 1.00 x 0.75 =   |                               |    |    |    | 11.25 m <sup>3</sup>  |
| * 85000 to 105000        |                               |    |    |    |                       |
| 1 x 18 x 1.00 x 0.75 =   |                               |    |    |    | 13.50 m <sup>3</sup>  |
| 1 x 7.50 x 0.90 x 0.75 = |                               |    |    |    | 10.13 m <sup>3</sup>  |
| 1 x 30 x 0.90 x 0.60 =   |                               |    |    |    | 16.20 m <sup>3</sup>  |
| 1 x 24 x 0.75 x 0.75 =   |                               |    |    |    | 13.50 m <sup>3</sup>  |
| * 140000 to 160000       |                               |    |    |    |                       |
| 1 x 25 x 0.85 x 0.60 =   |                               |    |    |    | 17.85 m <sup>3</sup>  |
| 1 x 16 x 0.60 x 0.60 =   |                               |    |    |    | 5.76 m <sup>3</sup>   |
| No. of S.                |                               |    |    |    | 100.61 m <sup>3</sup> |

No. of Sand Bag

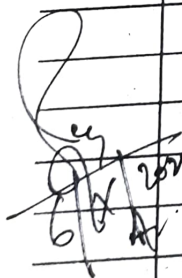
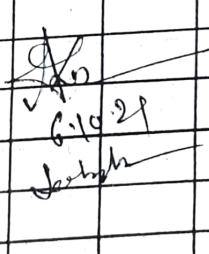
0.80 x 100.61

=

0.0354

=

2272 Bag


  
 6/10/21  
 J. Singh

Continuation

Abstract

5

Sch. XLV-Form No. 134

| Particulars                                      | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                  | No.                           | L. | B. | D. |                  |
| 1/100 Provisioning of labour for Const. in Brick |                               |    |    |    |                  |
| Bot 1 MB. P.C. (1 to 3)                          |                               |    |    |    |                  |
| D.H. = 496.380 m <sup>2</sup>                    |                               |    |    |    |                  |
| (1) R.S. 2048.30 m <sup>2</sup> =                |                               |    |    |    | 4016735          |
| 1/100 Const. of embankment end in 6/10           |                               |    |    |    |                  |
| 1 MB Page - (3)                                  |                               |    |    |    |                  |
| D.H. = 1176.46 m <sup>2</sup>                    |                               |    |    |    |                  |
| (2) 134.33 m <sup>2</sup> =                      |                               |    |    |    | 1499773          |
| 1/100 Provisioning of filling sand bag.          |                               |    |    |    |                  |
| 1 MB. Page - (1)                                 |                               |    |    |    |                  |
| D.H. = 2272 m <sup>2</sup>                       |                               |    |    |    |                  |

|                   |            |          |
|-------------------|------------|----------|
| Q. 13:- 12.67/mos | 2          | 44690.00 |
| Total:-           | 1211402.00 |          |
| Add 12% GST:-     | 145368.00  |          |
| Add 1% FC:-       | 12114.00   |          |
| Add 10% SF:-      | 98399.00   |          |
| Total:-           | 1467283.00 |          |

|                   |            |          |
|-------------------|------------|----------|
| Q. 14:- 12.67/mos | 2          | 44690.00 |
| Total:-           | 1211402.00 |          |
| Add 12% GST:-     | 145368.00  |          |
| Add 1% FC:-       | 12114.00   |          |
| Add 10% SF:-      | 98399.00   |          |
| Total:-           | 1467283.00 |          |