

158

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

..... DIVISION

..... SUB-DIVISION

# MEASUREMENT BOOK

423

16/10/21

प्रमाणित किया जाता है कि  
इस भागीदारी में मशीन द्वारा  
कुल 50 पन्ने शामिल हैं।  
जिसे संतुष्टि अफवाह  
के साथ ही निर्दिष्ट किया गया है।

AA

E. E. 6/1/17

R. W. D. W. D.  
16/1/17 Manihari

Schudle XLV-Form No. 134

E. E.

DIVISION

R. W. D. W. D.

SUB-DIVISION

Manihari

## MEASUREMENT BOOK

Name of Office

Date of first entry

Date of last entry

REFERENCE TO B.M.V. CODE SHEET AN

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134

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 and the commencement of the measurement relating to each work)

| These four lines show details of the measurement relating to each work) |                               |     |    | Contents of area |
|-------------------------------------------------------------------------|-------------------------------|-----|----|------------------|
| Particulars                                                             | Details of actual measurement |     |    |                  |
|                                                                         | No.                           | L.  | B. |                  |
| - Record Measurement -                                                  |                               |     |    |                  |
| N/W - Restoration of 1030 to Thula                                      |                               |     |    |                  |
| South                                                                   |                               |     |    |                  |
| Agency:- Depart.                                                        |                               |     |    |                  |
| Authority:- E.E RWD manihari                                            |                               |     |    |                  |
| Date of entry:-                                                         |                               |     |    |                  |
| Item 1. Construction of Embankment                                      |                               |     |    |                  |
| with approved material - etc                                            |                               |     |    |                  |
| No                                                                      |                               |     |    |                  |
|                                                                         | 1                             | 135 | 6  | 0.300 = 243.00   |
|                                                                         | 1                             | 96  | 6  | 0.300 = 173.88   |
|                                                                         |                               |     |    | Total = 416.88   |

|                                   |    |                                                                                                 |  |                               |
|-----------------------------------|----|-------------------------------------------------------------------------------------------------|--|-------------------------------|
| 2. Providing Brick Bats including |    |                                                                                                 |  |                               |
| Spreading, laying, compacting etc |    |                                                                                                 |  |                               |
| No                                |    |                                                                                                 |  |                               |
| 1                                 | 39 | $\times \left( \frac{1.60+1.90}{2} \right) \times \left( \frac{1.00+0.90}{2} \right)$           |  | = 64.84 m <sup>3</sup>        |
|                                   | 1  | $\times 38 \times \left( \frac{2.0+1.90}{2} \right) \times \left( \frac{1.10+0.90}{2} \right)$  |  | = 74.10 m <sup>3</sup>        |
|                                   | 1  | $\times 56 \times \left( \frac{2.10+1.80}{2} \right) \times \left( \frac{1.20+0.90}{2} \right)$ |  | = 109.20 m <sup>3</sup>       |
|                                   | 1  | $\times 20 \times 4.3 \times \left( \frac{0.40+0.30}{2} \right)$                                |  | = 30.10 m <sup>3</sup>        |
|                                   | 1  | $\times 9 \times 2.750 \times \left( \frac{0.90+0.80}{2} \right)$                               |  | = 21.04 m <sup>3</sup>        |
|                                   | 1  | $\times 10 \times \left( \frac{2.50+2.60}{2} \right) \times \left( \frac{0.90+0.80}{2} \right)$ |  | = 21.68 m <sup>3</sup>        |
|                                   | 1  | $\times 24 \times \left( \frac{2.60+2.50}{2} \right) \times \left( \frac{0.80+1.0}{2} \right)$  |  | = 55.08 m <sup>3</sup>        |
|                                   | 1  | $\times 135 \times 4 \times \left( \frac{0.30+0.20}{2} \right)$                                 |  | = 135.0 m <sup>3</sup>        |
|                                   | 1  | $\times 96.60 \times 4 \times \left( \frac{0.20+0.30}{2} \right)$                               |  | = 96.60 m <sup>3</sup>        |
|                                   |    |                                                                                                 |  | Total = 607.64 m <sup>3</sup> |

|                              |   |                                                                                                |  |          |
|------------------------------|---|------------------------------------------------------------------------------------------------|--|----------|
| 3. Labor for sand filling in |   |                                                                                                |  |          |
| Cement Bag and Laying etc    |   |                                                                                                |  |          |
|                              | 1 | $\times 39 \times \left( \frac{0.5+1.20}{4} \right) \times \left( \frac{1.50+1.75}{2} \right)$ |  | = 26.934 |
|                              | 1 | $\times 38 \times \left( \frac{0.5+1.50}{4} \right) \times \left( \frac{1.40+1.70}{2} \right)$ |  | = 29.450 |
|                              | 1 | $\times 56 \times \left( \frac{0.5+1.50}{4} \right) \times \left( \frac{1.45+1.75}{2} \right)$ |  | = 44.800 |

Continuation

| Particulars                                            | Details of actual measurement |       |    | Contents or area |
|--------------------------------------------------------|-------------------------------|-------|----|------------------|
|                                                        | No.                           | L.    | H. |                  |
| $1 \times 9 \times (0.5 + 1.50) \times (1.50 + 1.50)$  |                               |       |    | 5.22             |
| $1 \times 10 \times (0.5 + 1.50) \times (1.50 + 1.50)$ |                               |       |    | 2.250            |
| $1 \times 24 \times (0.5 + 1.50) \times (1.50 + 1.50)$ |                               |       |    | 20.478           |
|                                                        |                               | Total |    | 13.5.18.         |

4. Labour for driving 62 mm to 75 mm dia Bamboo Piles including etc

|                   |   |         |
|-------------------|---|---------|
| $1 \times 39.0 m$ | = | 39 m    |
| $1 \times 38.0 m$ | = | 38 m    |
| $1 \times 56.0 m$ | = | 56 m    |
| $1 \times 9.0 m$  | = | 9 m     |
| $1 \times 10.0 m$ | = | 10 m    |
| $1 \times 24.0 m$ | = | 24 m    |
|                   | = | 176.0 m |

$$\text{No. of Piles} = \left( \frac{176.0}{0.8} + 1 \right) \times 2.50$$

$$= 1468.0 m$$

5. Supplying, fitting and fixing of bamboo 62 mm to 75 mm dia

$$3.0 \times 176.0 m = 528.0 m$$

$$\text{Total} = 528.0 m$$

~~16/12/21~~  
~~up to~~  
~~16/12~~

Abstract of Cost -

Item.

1. Const. of Embankment with approved material of tuned etc

$$416.88 m^3 \quad P-1$$

$$@ 370.15 / m^3 = 154308.13$$

2. Providing Brick Bats including

Spreading, laying, compacting etc

$$607.640 m^3 \quad P-1$$

$$@ 1895.340 / m^3 = 1151684.40$$

Continuation

| Particulars                                                                | Details of actual measurement |     |    |    | Contents<br>or area |
|----------------------------------------------------------------------------|-------------------------------|-----|----|----|---------------------|
|                                                                            | No.                           | L.  | B. | D. |                     |
| 3. Labour for sand filling in<br>Cement Bag, swing and laying<br>material. |                               |     |    |    |                     |
| 3976.0                                                                     |                               | P=2 |    |    |                     |
| 27.340/can                                                                 |                               |     |    |    | =108703.84          |
| 4. Labour for driving 62mm to 75mm<br>dia Bamboo piles etc                 |                               |     |    |    |                     |
| 1468.0                                                                     |                               | P=2 |    |    |                     |
| @ 51.050/m                                                                 |                               |     |    |    | =74941.40           |
| 5. Supplying fitting and fixing<br>of bamboo 62mm to 75mm etc              |                               |     |    |    |                     |
| 528.0 m <sup>2</sup>                                                       |                               | P=2 |    |    |                     |
| @ 28.010/m <sup>2</sup>                                                    |                               |     |    |    | =14789.28           |
| Total RS = 150442.05                                                       |                               |     |    |    |                     |
| Add GST @ 12%                                                              |                               |     |    |    | 18053.24            |

Add L. Cess @ 01% of 15044.27  
 Add S. Fee @ 10% of 76922.98  
 Grand Total Rs. 177692.60

16/12/21  
 JRE

16/12/21  
 AE

16/12/21  
 AE