

# Measurement Book

Terhagachh

No. R.205...../2021-22

RWD works division, Kishangaraj-1.

WORKS sub-division, Terhagachh.

Restoration of road from " Bhota  
to Rampur" in terhagachh block  
under FDR-2021 in work &  
division, Kishangaraj-1.

Number Pages and Issues to

Sri. Sarnan. K. R. Rel.....

..... RWD Sub-Division

Terhagachh

202

Executive Engineer  
RWD Works Division  
Kishanganj-1

Sch. XLV—Form No. 134

RWD (W) Kishanganj-1 DIVISION

(W) Terhagachh SUB-DIVISION

MEASUREMENT BOOK

No.

R. 205 / 2021-22

Name of Officer

Date of first entry

Date of last entry

Name to 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. |                  |
| N/W:- Restoration of road     |                               |    |    |    |                  |
| from "Bhasa" to               |                               |    |    |    |                  |
| Rampur" in Tehsil             |                               |    |    |    |                  |
| block under order             |                               |    |    |    |                  |
| FDR-2021 in works             |                               |    |    |    |                  |
| division, Kishanganj-1        |                               |    |    |    |                  |
| Agency:-                      |                               |    |    |    |                  |
| date of m/s:- 24-10-2021      |                               |    |    |    |                  |
| Bhasa to Rampur, 1st cutting. |                               |    |    |    |                  |

|   |                              |  |  |       |                         |
|---|------------------------------|--|--|-------|-------------------------|
| ① | P/V bamboo piles for cutting |  |  |       |                         |
|   | of 62 to 75mm dia            |  |  |       |                         |
|   | bamboo piles                 |  |  | — E/I |                         |
|   | 1 x 30 x 2.0                 |  |  |       | = 60m                   |
|   | 1 x 10 x 2.0                 |  |  |       | = 20m                   |
|   |                              |  |  |       | T = 80m                 |
| ② | S/F/F 62 to 75mm dia         |  |  |       |                         |
|   | bamboo runner                |  |  | — E/I |                         |
|   | 1 x 35 x 3.0                 |  |  |       | = 105m                  |
| ③ | P/V, laying and spreading    |  |  |       |                         |
|   | brick bats                   |  |  | — E/I |                         |
|   | Qty:- 1 x 30.0 x 1.20 x 0.80 |  |  |       | = 28.80m <sup>3</sup>   |
|   | 1 x 5.0 x 1.20 x 0.80        |  |  |       | = 4.80m <sup>3</sup>    |
|   | 1 x 8.0 x 1.20 x 0.80        |  |  |       | = 7.68m <sup>3</sup>    |
|   |                              |  |  |       | T = 41.28m <sup>3</sup> |

Continuation

| Particulars                                                   | Details of actual measurement |    |    |    | Contents of area        |
|---------------------------------------------------------------|-------------------------------|----|----|----|-------------------------|
|                                                               | No.                           | L. | B. | D. |                         |
| ① PIV and filling empty cement bags with local sand — — — — — |                               |    |    |    |                         |
| 1 x 30.0 x 1.40 x 0.80 =                                      |                               |    |    |    | 33.60 m <sup>3</sup> .  |
| 1 x 5.0 x 1.40 x 0.80 =                                       |                               |    |    |    | 5.60 m <sup>3</sup> .   |
| 1 x 8.0 x 1.20 x 0.50 =                                       |                               |    |    |    | 4.80 m <sup>3</sup> .   |
|                                                               |                               |    |    |    | T = 44 m <sup>3</sup> . |
| @ 0.034 m <sup>3</sup> / bag                                  |                               |    |    |    | = 1294 nos.             |
| Bhojpur to Rampur, 2nd cutting.                               |                               |    |    |    |                         |
| ① PIV for cutting 62 to 75 mm dia bamboo piles — — — — —      |                               |    |    |    |                         |

|                                                               |  |  |  |                             |
|---------------------------------------------------------------|--|--|--|-----------------------------|
| 3 x 30 x 2.0                                                  |  |  |  | = 180 m.                    |
| 1 x 30 x 2.0                                                  |  |  |  | = 60 m.                     |
|                                                               |  |  |  | T = 240 m.                  |
| ② PIV during coal spreading                                   |  |  |  |                             |
| brick bats — — — — —                                          |  |  |  |                             |
| 2 x 24 x 1.80 x 0.80 =                                        |  |  |  | 69.12 m <sup>3</sup> .      |
| 1 x 20 x 2.0 x 0.70 =                                         |  |  |  | 28 m <sup>3</sup> .         |
|                                                               |  |  |  | T = 97.12 m <sup>3</sup> .  |
| ③ PIV and filling empty cement bags with local sand — — — — — |  |  |  |                             |
| 2 x 24 x 1.0 x 1.40 =                                         |  |  |  | 67.20 m <sup>3</sup> .      |
| 2 x 28.0 x 1.20 x 1.20 =                                      |  |  |  | 80.64 m <sup>3</sup> .      |
| 1 x 5.0 x 0.85 x 1.0 =                                        |  |  |  | 4.25 m <sup>3</sup> .       |
|                                                               |  |  |  | T = 152.09 m <sup>3</sup> . |
| @ 0.034 m <sup>3</sup> / bag                                  |  |  |  | = 4473 nos.                 |

Continuation  
24/10/2021  
S.E.

24/10/2021  
S.E.

# Abstract of est.

Sch. XLV—Form No. 134

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| Particulars                                      | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                  | No.                           | L. | B. | D. |                  |
| ① Plv for cutting of 62 to 75mm dia bamboo piles |                               |    |    |    |                  |
| Qty: - 80 nos, vide TMB, P-1                     |                               |    |    |    |                  |
| Qty: - 24 nos, " " P-2                           |                               |    |    |    |                  |
| T: - 320 m                                       |                               |    |    |    |                  |
| @ A: - 55.44 m                                   |                               |    |    |    | A: - 17,728 = 00 |
| ② S/F F 62 to 75mm dia bamboo runner-S/F         |                               |    |    |    |                  |
| Qty: - 105 m, vide TMB P-1                       |                               |    |    |    |                  |
| Qty: - @ A: - 30.87 m                            |                               |    |    |    | A: - 32.41 = 00  |
| ③ Plv laying and spreading brick bats            |                               |    |    |    |                  |
| 1 x 30 x 1.20 x 0.80 = 28.80 m <sup>3</sup>      |                               |    |    |    |                  |
| 1 x 5 x 1.20 x 0.80 = 4.80 m <sup>3</sup>        |                               |    |    |    |                  |

|                                                     |  |  |  |  |                          |
|-----------------------------------------------------|--|--|--|--|--------------------------|
| 1 x 8.0 x 1.20 x 0.80 = 7.68 m <sup>3</sup>         |  |  |  |  |                          |
| Qty: - 41.28 m <sup>3</sup> vide TMB                |  |  |  |  |                          |
|                                                     |  |  |  |  | P-1                      |
| Qty: - 97.12 m <sup>3</sup> " " P-2                 |  |  |  |  |                          |
| T: - 138.40 m <sup>3</sup>                          |  |  |  |  |                          |
| @ A: - 2168.72 m <sup>3</sup>                       |  |  |  |  | A: - 3,00,151 = 00       |
| ④ Plv and filling empty cement bags with local sand |  |  |  |  |                          |
| Qty: - 129.4 nos, vide TMB, P-1                     |  |  |  |  |                          |
| Qty: - 4473.20 nos, " " P-2                         |  |  |  |  |                          |
| T: - 5767 nos                                       |  |  |  |  |                          |
| @ A: - 38.03 nos                                    |  |  |  |  | A: - 2,19,319 = 00       |
|                                                     |  |  |  |  | Total A: - 5,40,439 = 00 |

Continuation

C. & A: - 5,40,439 = 00

| Particulars                                                                                                                                                    | Details of actual measurement |                    |                    |          | Contents of area |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------|--------------------|----------|------------------|
|                                                                                                                                                                | No.                           | L.                 | B.                 | D.       |                  |
|                                                                                                                                                                |                               | B.F                | R <sub>1</sub>     | S, 10    | 439 = 00         |
| Add 1-1-1                                                                                                                                                      | L                             | cey                | A, R <sub>1</sub>  | 5464     | = 00             |
| Add 1-2-1                                                                                                                                                      | G.S.                          | 164 R <sub>1</sub> | 64                 | 853      | = 00             |
| Add                                                                                                                                                            | Seig                          | Fee                | (A) R <sub>1</sub> | 20       | 219 = 00         |
|                                                                                                                                                                |                               |                    | Total              | 6,30,915 | =                |
| <div style="display: flex; justify-content: space-between;"> <div> <p>24-10-2021</p> <p>J-E</p> </div> <div> <p>24-10-2021</p> <p>24-10-2021</p> </div> </div> |                               |                    |                    |          |                  |

| Material Statement                                                                                                                                           |           |                        |                       |                     |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|-----------------------|---------------------|------|
| ① Brick                                                                                                                                                      | bot       | 166.08 m <sup>3</sup>  | GA                    | 1050/m <sup>3</sup> |      |
|                                                                                                                                                              |           |                        | R <sub>1</sub>        | 1,74,384            | = 00 |
| ② L-Sand                                                                                                                                                     |           | 196.078 m <sup>3</sup> | GA                    |                     |      |
|                                                                                                                                                              |           |                        | 141.85/m <sup>3</sup> |                     |      |
|                                                                                                                                                              |           |                        | R <sub>1</sub>        | 27,814              | = 00 |
|                                                                                                                                                              |           |                        | Total                 | 2,02,198            | = 00 |
| @ 10%                                                                                                                                                        | 2019. Fee |                        | R <sub>1</sub>        | 20,219              | = 00 |
| <div style="display: flex; justify-content: space-between;"> <div> <p>24/10/21</p> <p>J-E</p> </div> <div> <p>24-10-2021</p> <p>24-10-2021</p> </div> </div> |           |                        |                       |                     |      |

Continuation