

MR- New Maint Policy- 2018

**Schedule XLV-Form No. 134**

Name of work:- MR-N/23-24 Lakhis wari/10  
NH-80 Bodhama to Block Boundary (Seraij gasha.

Srinmati - Manju Dew **DIVISION**

Start - 6-11-2023

End - 5-8-2024

**SUB-DIVISION**

M.B.No - 790

**MEASUREMENT BOOK**

Sch. XLV—Form No. 134

Lakhisarai DIVISION

Suraigarha. SUB-DIVISION

## Measurement Book

No.

प्रमाणित किया जाता है कि इस  
मापी पुस्त में कुल 100 (सौ) पन्ना

Name of Officer

ए. ए. एस. ए. क. सुनिवृत्त सुर्गदा

Date of first entry

Date of last entry

Executive Engineer

RWD Works Division

Lakhisarai

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. |                       |
| 1) Name of Work. Construction of road from NH 80 Bodhana to Block Bunder Lalwarai |                               |         |        |    |                       |
| 2) Agency Dist. Kargu Dist                                                        |                               |         |        |    |                       |
| 3) Agreement No - 42/MCO/2023-24                                                  |                               |         |        |    |                       |
| 4) Date of Work starts - 6.11.2023                                                |                               |         |        |    |                       |
| 5) Date of Completion - 5.8.2024                                                  |                               |         |        |    |                       |
| Date of Entry 5.12.23                                                             |                               |         |        |    |                       |
| 1) PW clearing and grading road land etc. TI                                      |                               |         |        |    |                       |
|                                                                                   | 2x 42                         | x 30    | x 2.0  |    | 2.5640m <sup>3</sup>  |
|                                                                                   | 2x 1.0                        | 23      | x 2.0  |    | = 9.14m <sup>3</sup>  |
|                                                                                   |                               |         |        |    | 5732m <sup>3</sup>    |
|                                                                                   |                               |         |        |    | x 0.573 Heat          |
| 2) PW Excavation of Roadways etc. - do - TI                                       |                               |         |        |    |                       |
|                                                                                   | 2x 4x 25                      | x 0.525 | x 0.10 |    | = 10.50m <sup>3</sup> |
|                                                                                   | 2x 8x 25                      | x 0.525 | x 0.10 |    | = 36.25m <sup>3</sup> |
|                                                                                   |                               |         |        |    | 47.25m <sup>3</sup>   |
| 3) PW G.B. w/ a graded Material etc. - do - TI                                    |                               |         |        |    |                       |
|                                                                                   | 1x 5.5x 1.5                   | x 0.152 |        |    | 1.232m <sup>3</sup>   |
|                                                                                   | 1x 9.5x 1.85                  | x 0.182 |        |    | 2.636m <sup>3</sup>   |
|                                                                                   | 4x 8.5x 1.75                  | x 0.152 |        |    | 8.925m <sup>3</sup>   |

Continuation 12.798m<sup>3</sup>

Cart - -

Sch. XLV—Form No. 134

| Particulars | Details of actual measurement |      |      |         | Contents area  |
|-------------|-------------------------------|------|------|---------|----------------|
|             | No.                           | L.   | B.   | D.      |                |
|             |                               |      |      | 12.798  | m <sup>3</sup> |
| 3x          | 7.65                          | 1.85 | 0.15 | = 5.680 | m <sup>3</sup> |
| 2x          | 9.5                           | 1.35 | 0.15 | = 3.847 | m <sup>3</sup> |
| 4x          | 8.20                          | 1.40 | 0.15 | = 6.888 | m <sup>3</sup> |
| 2x          | 7.30                          | 1.75 | 0.15 | = 3.832 | m <sup>3</sup> |
| 1x          | 11.50                         | 2.50 | 0.15 | = 4.312 | m <sup>3</sup> |
| 2x          | 9.35                          | 1.85 | 0.15 | = 5.189 | m <sup>3</sup> |
| 1x          | 12.5                          | 1.65 | 0.18 | = 3.094 | m <sup>3</sup> |
| 4x          | 6.5                           | 1.35 | 0.18 | = 5.265 | m <sup>3</sup> |
| 1x          | 7.25                          | 1.90 | 0.18 | = 2.566 | m <sup>3</sup> |
| 1x          | 6.20                          | 1.45 | 0.15 | = 1.348 | m <sup>3</sup> |
| 3x          | 8.20                          | 1.70 | 0.15 | = 6.273 | m <sup>3</sup> |
| 2x          | 7.50                          | 1.65 | 0.85 | = 3.712 | m <sup>3</sup> |

|    |       |       |      |          |                       |
|----|-------|-------|------|----------|-----------------------|
| 2x | 9.6   | 1.35  | 0.15 | = 3.888  | m <sup>3</sup>        |
| 1x | 12.5  | 1.80  | 0.15 | = 3.375  | m <sup>3</sup>        |
| 4x | 5.20  | 1.50  | 0.15 | = 4.680  | m <sup>3</sup>        |
| 3x | 4.80  | 1.25  | 0.15 | = 2.700  | m <sup>3</sup>        |
| 2x | 6.10  | 0.90  | 0.15 | = 1.647  | m <sup>3</sup>        |
| 2x | 4x 25 | 0.525 | 0.10 | = 10.500 | m <sup>3</sup>        |
| 2x | 8x 25 | 0.525 | 0.10 | = 21.000 | m <sup>3</sup>        |
| 1x | 4x 25 | 3.75  | 0.10 | = 37.500 | m <sup>3</sup>        |
|    |       |       |      | Total    | 149.59 m <sup>3</sup> |

3) P/W NBN gr 20 - 100

--- du - 7/1

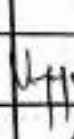
|    |      |      |       |         |                |
|----|------|------|-------|---------|----------------|
| 1x | 5.5  | 1.5  | 0.075 | = 0.618 | m <sup>3</sup> |
| 1x | 9.50 | 1.85 | 0.075 | = 1.318 | m <sup>3</sup> |
| 4x | 8.5  | 1.25 | 0.075 | = 4.462 | m <sup>3</sup> |

Continuation of 7060 6.398 m<sup>3</sup>

| Particulars | Details of actual measurement |      |       |     | Contents of area     |
|-------------|-------------------------------|------|-------|-----|----------------------|
|             | No.                           | L.   | B.    | D.  |                      |
|             |                               |      |       | 876 | 6.398m <sup>3</sup>  |
| 3x          | 7.65                          | 1.65 |       |     | 2.840m <sup>3</sup>  |
| 2x          | 9.5                           | 1.35 |       |     | 1.924m <sup>3</sup>  |
| 4x          | 8.20                          | 1.40 |       |     | 3.444m <sup>3</sup>  |
| 2x          | 7.30                          | 1.75 |       |     | 1.916m <sup>3</sup>  |
| 1x          | 11.50                         | 2.50 |       |     | 2.156m <sup>3</sup>  |
| 2x          | 9.35                          | 1.85 |       |     | 2.594m <sup>3</sup>  |
| 1x          | 12.50                         | 1.65 |       |     | 1.547m <sup>3</sup>  |
| 4x          | 6.5                           | 1.35 |       |     | 2.632m <sup>3</sup>  |
| 1x          | 7.25                          | 1.90 |       |     | 1.033m <sup>3</sup>  |
| 1x          | 6.20                          | 1.45 |       |     | 0.674m <sup>3</sup>  |
| 3x          | 8.20                          | 1.70 |       |     | 3.136m <sup>3</sup>  |
| 2x          | 7.5                           | 1.65 |       |     | 1.856m <sup>3</sup>  |
| 2x          | 9.6                           | 1.35 |       |     | 1.944m <sup>3</sup>  |
| 1x          | 12.5                          | 1.80 |       |     | 1.687m <sup>3</sup>  |
| 4x          | 5.20                          | 1.50 |       |     | 2.340m <sup>3</sup>  |
| 3x          | 4.8                           | 1.25 |       |     | 1.350m <sup>3</sup>  |
| 2x          | 6.10                          | 0.90 |       |     | 0.823m <sup>3</sup>  |
| 2x          | 4.0                           | 25   | 0.525 |     | 7.875m <sup>3</sup>  |
| 2x          | 8                             | 25   | 0.525 |     | 15.75m <sup>3</sup>  |
| 1x          | 4                             | 25   | 3.25  |     | 28.125m <sup>3</sup> |
| 1x          | 3                             | 9.08 | 1.25  |     | 72.530m <sup>3</sup> |
| 2x          | 5.5                           | 1.65 |       |     | 1.361m <sup>3</sup>  |
| 4x          | 6.50                          | 1.90 |       |     | 3.705m <sup>3</sup>  |
| 1x          | 9.50                          | 1.60 |       |     | 1.140m <sup>3</sup>  |
| 4x          | 8.50                          | 1.70 |       |     | 4.435m <sup>3</sup>  |
| 4x          | 9.5                           | 1.80 |       |     | 8.134m <sup>3</sup>  |

Continuation

Total 110.345

|                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Date of Entry 10.11.23                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| 1) PN. Construction of the<br>reversed plain cut<br>Cachet pavement etc. (1)                                                                                                                                                                                                                                                   |  |  |  |  |
| $4 \times 25 \times 3.75 \times 0.16 = 60.00 \text{ m}^3$                                                                                                                                                                                                                                                                      |  |  |  |  |
| $7 \times 25 \times 3.75 \times 0.16 = 105.00 \text{ m}^3$                                                                                                                                                                                                                                                                     |  |  |  |  |
| $1 \times 25 \times 3.75 \times 0.16 = 15.00 \text{ m}^3$                                                                                                                                                                                                                                                                      |  |  |  |  |
| $1 \times 6 \times 3.75 \times 0.16 = 3.60 \text{ m}^3$                                                                                                                                                                                                                                                                        |  |  |  |  |
| <u>183.60 m<sup>3</sup></u>                                                                                                                                                                                                                                                                                                    |  |  |  |  |
| <div style="display: flex; justify-content: space-between;"> <div> <br/> 10/11/2023<br/> Ues<br/> 05 </div> <div> <br/> 10/11/2023<br/> 05 </div> </div> |  |  |  |  |

Continuation

| Particulars                     | Details of actual measurement |                          |        |    | Contents of area       |
|---------------------------------|-------------------------------|--------------------------|--------|----|------------------------|
|                                 | No.                           | L.                       | B.     | D. |                        |
|                                 | Date of Entry                 |                          |        |    | 29.12.23               |
| 1) PW Prime Cont wall           |                               |                          |        |    |                        |
| emulsion S.S. etc 71)           |                               |                          |        |    |                        |
| Qty m <sup>2</sup> etc ③        |                               |                          |        |    |                        |
|                                 |                               | 116.818                  | 10.075 |    |                        |
|                                 |                               | = 1557.52 m <sup>2</sup> |        |    |                        |
| 2) PW back Cont wall            |                               |                          |        |    |                        |
| S.S. etc. do 71)                |                               |                          |        |    |                        |
| Qty m <sup>2</sup> etc ③        |                               |                          |        |    |                        |
|                                 |                               | 1557.52 m <sup>2</sup>   |        |    |                        |
| 3) PW H.S.S. wall S 90          |                               |                          |        |    |                        |
| etc. do 71)                     |                               |                          |        |    |                        |
| Qty m <sup>2</sup> etc - D.P. ③ |                               |                          |        |    |                        |
|                                 |                               | 1557.52 m <sup>2</sup>   |        |    |                        |
| 4) PW back Cont wall            |                               |                          |        |    |                        |
| R.S. etc. do 71)                |                               |                          |        |    |                        |
| 1x 30x 3.5x 3.75                |                               |                          |        |    | 158.75 m <sup>2</sup>  |
| 2x 30x 3.75                     |                               |                          |        |    | 225.00 m <sup>2</sup>  |
| 17x 30x 3.75                    |                               |                          |        |    | 1912.50 m <sup>2</sup> |
| 11x 30x 3.75                    |                               |                          |        |    | 1237.50 m <sup>2</sup> |
| 1x 10x 3.75                     |                               |                          |        |    | 37.50 m <sup>2</sup>   |
| 6x 30x 3.75                     |                               |                          |        |    | 675.00 m <sup>2</sup>  |
| 1x 25x 3.75                     |                               |                          |        |    | 93.75 m <sup>2</sup>   |
|                                 |                               |                          |        |    | 4335.10 m <sup>2</sup> |
| 5) PW S.D.B.C. wall S 90        |                               |                          |        |    |                        |
| etc. do 71)                     |                               |                          |        |    |                        |
| Qty m <sup>2</sup> etc ④ 1 ⑤    |                               |                          |        |    |                        |

4335.10 x Continuation 0.075 = 108.372 m<sup>2</sup>

29/12/23  
R. L. G.

## Sch. XLV—Form No. 134

| Particulars               | Details of actual measurement |       |       |       | Contents of area                  |
|---------------------------|-------------------------------|-------|-------|-------|-----------------------------------|
|                           | No.                           | L.    | B.    | D.    |                                   |
|                           | Date of Entry                 |       |       |       | 24/12/23                          |
| 1) PW Road Marking work   |                               |       |       |       |                                   |
| Lat applied thermoplastic |                               |       |       |       |                                   |
| paints etc. - do. TB      |                               |       |       |       |                                   |
| BT Surface                |                               |       |       |       |                                   |
|                           | 2x                            | 21.80 | 30    | 0.102 | 136.00m <sup>2</sup>              |
|                           | 2x                            | 26    | 30    | 0.102 | 156.00m <sup>2</sup>              |
|                           | 2x                            | 25    | 0.102 |       | 5.00m <sup>2</sup>                |
| C.C. Surface              |                               |       |       |       |                                   |
|                           | 2x                            | 4x    | 25    | 0.102 | 20.00m <sup>2</sup>               |
|                           | 2x                            | 7x    | 25    | 0.102 | 35.00m <sup>2</sup>               |
|                           | 2x                            | 1x    | 25    | 0.102 | 5.00m <sup>2</sup>                |
|                           | 1x                            | 6     | 6     | 0.102 | 0.10m <sup>2</sup>                |
|                           |                               |       |       |       | Total 60.1 m <sup>2</sup>         |
| BT Surface                |                               |       |       |       |                                   |
|                           | 2x                            | 9     | 30    | 0.102 | 18.00m <sup>2</sup>               |
|                           | 2x                            | 17    | 30    | 0.102 | 102.00m <sup>2</sup>              |
|                           | 2x                            | 11    | 30    | 0.102 | 66.00m <sup>2</sup>               |
|                           | 2x                            | 1x    | 10    | 0.102 | 2.00m <sup>2</sup>                |
|                           | 2x                            | 6     | 30    | 0.102 | 36.00m <sup>2</sup>               |
|                           | 2x                            | 1x    | 25    | 0.102 | 5.00m <sup>2</sup>                |
|                           |                               |       |       |       | Total 229.00m <sup>2</sup>        |
| 2) PW R.C.C. M/S KM       |                               |       |       |       |                                   |
| Stone etc. - do. TB       |                               |       |       |       |                                   |
| KM Stone                  |                               |       |       |       | 2 Nos                             |
| 200 m stone               |                               |       |       |       | 6 Nos                             |
| 3) PW Directorate as per  |                               |       |       |       |                                   |
| Identifiable Bonafide     |                               |       |       |       |                                   |
|                           | 2x                            | 1.20  | 6.80  |       | Continuation = 1.92m <sup>2</sup> |

Continuation

| Particulars                                                                     | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                 | No.                           | L. | B. | D. |                  |
| <u>Abstract of Est.</u>                                                         |                               |    |    |    |                  |
| 1) PW cleanup and grubbing road land also do TB                                 |                               |    |    |    |                  |
| 0.52 Hect City vol-①                                                            |                               |    |    |    |                  |
| ② 75573.34/Hect $\rightarrow$ 43072                                             |                               |    |    |    |                  |
| 2) PW Construction of sub grade and drain structure also do TB                  |                               |    |    |    |                  |
| 859.89 m <sup>3</sup> City vol-①                                                |                               |    |    |    |                  |
| ③ 262.24/m <sup>3</sup> $\rightarrow$ 22591420                                  |                               |    |    |    |                  |
| 3) PW Excavation for road ways etc. do TB                                       |                               |    |    |    |                  |
| 47.25 m <sup>3</sup> City vol-①                                                 |                               |    |    |    |                  |
| ④ 103.76/m <sup>3</sup> $\rightarrow$ 491220                                    |                               |    |    |    |                  |
| 4) PW G.S.B. work grading etc. do TB                                            |                               |    |    |    |                  |
| 149.59 m <sup>3</sup> City vol-②                                                |                               |    |    |    |                  |
| ⑤ 2950.83/m <sup>3</sup> $\rightarrow$ 44141820                                 |                               |    |    |    |                  |
| 3) PW water gully etc. do TB                                                    |                               |    |    |    |                  |
| 11688 m <sup>3</sup> City vol-④                                                 |                               |    |    |    |                  |
| ⑥ 3756.97/m <sup>3</sup> $\rightarrow$ 43876820                                 |                               |    |    |    |                  |
| 4) PW Construction of Ch. rec for air plain Cement Concrete pavement etc. do TB |                               |    |    |    |                  |
| 1836.0 m <sup>3</sup> City vol-⑤                                                |                               |    |    |    |                  |
| ⑦ 8757.21/m <sup>3</sup> $\rightarrow$ 160672220                                |                               |    |    |    |                  |
| Total $\rightarrow$ 27,608112                                                   |                               |    |    |    |                  |

Continuation

— 9/0 —

| Particulars                         | Details of actual measurement |   |   |                          | Contents of area |
|-------------------------------------|-------------------------------|---|---|--------------------------|------------------|
|                                     | No.                           | L | B | D                        |                  |
|                                     |                               |   |   | 87 ft 6 in 27, 60, 811 = |                  |
| 1) IN Prime Coat with ss            |                               |   |   |                          |                  |
| etc... do. TB                       |                               |   |   |                          |                  |
| 1557.52 m <sup>2</sup> @ 1/2 in 1-5 |                               |   |   |                          |                  |
| 1504.47 @ 1/2 in 1-5                |                               |   |   |                          | 90280.10         |
| 2) IN Pack Coat with                |                               |   |   |                          | 989233           |
| R.S. 1-etc... do. TB                |                               |   |   |                          |                  |
| 1557.52 m <sup>2</sup> @ 1/2 in 1-5 |                               |   |   |                          |                  |
| 4335-10 m <sup>2</sup> @ 1/2 in 1-5 |                               |   |   |                          |                  |
| 5892.67 m <sup>2</sup> @ 1/2 in 1-5 |                               |   |   |                          | 1212712          |
| 3) IN H.S. with S-90                |                               |   |   |                          |                  |
| etc... do. TB                       |                               |   |   |                          |                  |
| 1557.52 m <sup>2</sup> @ 1/2 in 1-5 |                               |   |   |                          |                  |
| @ 1/2 in 1-5                        |                               |   |   |                          | 4398260          |
| 4) IN S.B.C. with S-90              |                               |   |   |                          |                  |
| etc... do. TB                       |                               |   |   |                          |                  |
| 108.377 m <sup>3</sup> @ 1/2 in 1-5 |                               |   |   |                          |                  |
| @ 1/2 in 1-5                        |                               |   |   |                          | 1495237          |
| 5) IN supply 30 mm pipe etc         |                               |   |   |                          |                  |
| do. TB                              |                               |   |   |                          |                  |
| 30 mm @ 1/2 in 1-5                  |                               |   |   |                          |                  |
| @ 1/2 in 1-5                        |                               |   |   |                          | 186522           |
| 6) IN Rec. 1418 Rng Stone           |                               |   |   |                          |                  |
| etc... do. TB                       |                               |   |   |                          |                  |
| Rng Stone                           |                               |   |   |                          |                  |
| 2100 @ 1/2 in 1-5                   |                               |   |   |                          |                  |
| @ 1/2 in 1-5                        |                               |   |   |                          | 591120           |

Continuation

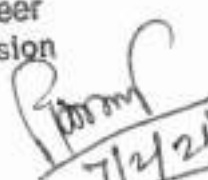
76.65 ft @ 1/2 in 1-5  
 4931963510  
 0/10

| Particulars                 | Details of actual measurement |   |     |    | Contents of area |
|-----------------------------|-------------------------------|---|-----|----|------------------|
|                             | No.                           | L | B.  | D. |                  |
|                             |                               |   | 871 | 6  | 9351362          |
| non stop                    |                               |   |     |    | 493196350        |
| 600 mm square               |                               |   |     |    |                  |
| @ 15830.96/each             |                               |   |     |    | 498600           |
| 13) PW Directional & place  |                               |   |     |    |                  |
| Identification Board        |                               |   |     |    |                  |
| 1.92 m                      |                               |   |     |    |                  |
| @ 15058.57/each             |                               |   |     |    | 18912            |
| 14) PW Retro reflector      |                               |   |     |    |                  |
| Traffic sign                |                               |   |     |    |                  |
| 600 mm equilateral triangle |                               |   |     |    |                  |
| @ 4484.02/each              |                               |   |     |    | 403560           |
| 600 mm circular             |                               |   |     |    |                  |
| @ 4357.57/each              |                               |   |     |    | 1742800          |
| 600 mm x 450 mm rectangular |                               |   |     |    |                  |
| @ 4212.57/each              |                               |   |     |    | 1263700          |
| 900 mm octagonal            |                               |   |     |    |                  |
| @ 8681.82/each              |                               |   |     |    | 868200           |
| 15) PW Road Marking with    |                               |   |     |    |                  |
| hot applied thermoplastic   |                               |   |     |    |                  |
| 229.00 m                    |                               |   |     |    |                  |
| @ 2880.00/m                 |                               |   |     |    | 2029920          |
| c.e surface                 |                               |   |     |    |                  |
| @ 994.60/m                  |                               |   |     |    | 5972520          |
| Total                       |                               |   |     |    | 53077380         |



| Particulars                                                                                              | Details of actual measurement |                 |                |   | Contents of area      |
|----------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|----------------|---|-----------------------|
|                                                                                                          | No.                           | L               | B              | D |                       |
| <u>Material statement</u>                                                                                |                               |                 |                |   |                       |
| 1) C/W —                                                                                                 |                               | 889.84          | m <sup>3</sup> |   |                       |
| 2) Stone m/s —                                                                                           |                               | 255.89          | m <sup>3</sup> |   |                       |
| 3) Sareap —                                                                                              |                               | 174.12          | m <sup>3</sup> |   |                       |
| 4) Chaps                                                                                                 |                               | 165.24 + 154.98 |                |   | 320.22 m <sup>3</sup> |
| 5) Sand                                                                                                  |                               | 82.62           | m <sup>3</sup> |   |                       |
| <br>24/7/2023<br>AS Lbs |                               |                 |                |   |                       |
| Limit as per Allotment.                                                                                  |                               |                 |                |   |                       |
| Rs. 41,44,000/-                                                                                          |                               |                 |                |   |                       |
| S.D.C.S% —                                                                                               |                               | 207200          | 7              |   |                       |
| I.T.C.S% —                                                                                               |                               | 41440           |                |   |                       |
| Less @ 1% —                                                                                              |                               | 41440           |                |   |                       |
| CGST @ 1% —                                                                                              |                               | 41440           |                |   | 511761                |
| SGST @ 1% —                                                                                              |                               | 41440           |                |   |                       |
| Royalty —                                                                                                |                               | 88801           |                |   |                       |
| S.F. —                                                                                                   |                               | 50,000          |                |   |                       |
| Net Pay —                                                                                                |                               | 36,32,239       |                |   |                       |
| Total =                                                                                                  |                               | 41,44,000/-     |                |   |                       |
| Billed for Rs. 41,44,000 = (forty four Lakh forty four thousand) only.                                   |                               |                 |                |   |                       |

  
Executive Engineer  
RWD Works Division  
Lakhisarai  
Rohini  
7/8/24

  
7/2/24