

Shree Ram Kr. Yadav

Ag No. 3 (SBD)/2021-22

PWD Road Patti Khoti Datan more to Hasodih Road

Length - 3.30 km

Schedule XLV From N. 134

Head - M M GSY (SC)

P.W.D.

R. W. D (W) Jamai

DIVISION

Khoti Datan

SUB DIVISION

# MEASUREMENT BOOK

W.P. No. 2862

Sch. XLV- Form No. 134

| Particulars                       | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------|-------------------------------|----|----|----|------------------|
|                                   | No.                           | L. | B. | D. |                  |
| 4th on A/c bill                   |                               |    |    |    |                  |
| New - Construction of Road        |                               |    |    |    |                  |
| from p.w.D road Paragj            |                               |    |    |    |                  |
| Khot-watara more to               |                               |    |    |    |                  |
| 1+road in.                        |                               |    |    |    |                  |
| Agency - S.D. Sri Ram             |                               |    |    |    |                  |
| Agency - Sri Shree Ram Kumar      |                               |    |    |    |                  |
| Yadav, Vill - P.O - Nim -         |                               |    |    |    |                  |
| Naupada, P.S - Khairi.            |                               |    |    |    |                  |
| Agreement No - 03 (SBD) / 2021-22 |                               |    |    |    |                  |
| Date of Start - 04-12-2020        |                               |    |    |    |                  |
| Date of completion - 08-12-2021.  |                               |    |    |    |                  |

| Record Measurement              |   |    |                      |        |                            |
|---------------------------------|---|----|----------------------|--------|----------------------------|
| 1. Construction of granular     |   |    |                      |        |                            |
| Sub-base by providing           |   |    |                      |        |                            |
| well graded material etc.       |   |    |                      |        |                            |
| G.S.B in P.C.C Portion          |   |    |                      |        |                            |
| Part 'B'                        | 6 | 30 | 3.75                 | 10.100 | 67.50                      |
|                                 | 1 | 30 | 3.50                 | 10.100 | 10.50                      |
|                                 |   |    |                      |        | Qty = 78.00 m <sup>3</sup> |
| 2. Providing, laying, spreading |   |    |                      |        |                            |
| and compacting stone agg.       |   |    |                      |        |                            |
| of W.B.M. Gr II etc.            |   |    |                      |        |                            |
| W.B.M - II (in P.C.C Portion)   |   |    |                      |        |                            |
| Part 'B'                        | 5 | 30 | 3.25                 | 10.095 | 42.19                      |
|                                 | 3 | 30 | 3.25                 | 10.095 | 25.31                      |
|                                 | 1 | 15 | (4.30 + 2.01 + 2.29) | 10.095 |                            |
| (Continuation)                  |   |    |                      |        | 3 = 5.83                   |

Sch. XLV- Form No. 134

| Particulars | Details of actual measurement |    |    |    | Contents of area                                     |
|-------------|-------------------------------|----|----|----|------------------------------------------------------|
|             | No.                           | L. | B. | D. |                                                      |
| ②           |                               |    |    |    |                                                      |
|             |                               |    |    |    | $30 \times 30 \times 3.25 = 332.5$                   |
|             |                               |    |    |    | $1 \times 15 \times \frac{(5.8 + 3.25)}{2} = 71.63$  |
|             |                               |    |    |    |                                                      |
|             |                               |    |    |    | $4 \times 30 \times 3.25 = 450.00$                   |
|             |                               |    |    |    | $1 \times 15 \times \frac{(5.20 + 3.25)}{2} = 70.88$ |
|             |                               |    |    |    | $3 \times 30 \times 3.25 = 332.50$                   |
|             |                               |    |    |    | <u>Total Qty = 6059.64m<sup>2</sup></u>              |

4. Jack Coat (RS-1)

|  |  |  |  |  |                                                     |
|--|--|--|--|--|-----------------------------------------------------|
|  |  |  |  |  | $1 \times 15 \times \frac{(2.2 + 3.25)}{2} = 85.88$ |
|  |  |  |  |  |                                                     |
|  |  |  |  |  | $5 \times 30 \times 3.25 = 562.50$                  |
|  |  |  |  |  | $4 \times 30 \times 3.25 = 450.00$                  |

|  |  |  |  |  |                                                      |
|--|--|--|--|--|------------------------------------------------------|
|  |  |  |  |  | $5 \times 30 \times 3.25 = 562.50$                   |
|  |  |  |  |  | $1 \times 25 \times 3.25 = 93.25$                    |
|  |  |  |  |  | $30 \times 30 \times 3.25 = 332.5$                   |
|  |  |  |  |  | $1 \times 15 \times \frac{(5.8 + 3.25)}{2} = 71.63$  |
|  |  |  |  |  | $1 \times 15 \times \frac{(2.2 + 3.25)}{2} = 85.88$  |
|  |  |  |  |  | $4 \times 30 \times 3.25 = 450.00$                   |
|  |  |  |  |  | $1 \times 15 \times \frac{(5.20 + 3.25)}{2} = 70.88$ |
|  |  |  |  |  | $3 \times 30 \times 3.25 = 332.50$                   |
|  |  |  |  |  | <u>Total Qty = 6059.64m<sup>2</sup></u>              |

5. providing, laying & rolling  
of closed graded Premix  
Surfacing material etc.

|  |  |  |  |  |                                                     |
|--|--|--|--|--|-----------------------------------------------------|
|  |  |  |  |  | $1 \times 15 \times \frac{(2.2 + 3.25)}{2} = 85.88$ |
|  |  |  |  |  |                                                     |

(Continuation)

Sch. XLV- Form No. 134

| Sch. XLV- Form No. 134 |                               |    |                      |    | Contents<br>of area |   |        |
|------------------------|-------------------------------|----|----------------------|----|---------------------|---|--------|
| Particulars            | Details of actual measurement |    |                      |    |                     |   |        |
|                        | No.                           | L. | B.                   | D. |                     |   |        |
| Part 2'                | 5                             | 30 | 3                    | 25 | 160                 | 2 | 90.00  |
|                        | 1                             | 15 | (4.30 + 5.10 + 4.10) | 10 | 40                  | 2 | 16.80  |
|                        |                               |    | 3                    |    |                     |   |        |
|                        | 6                             | 30 | 3                    | 25 | 160                 | 2 | 108.00 |
|                        | 1                             | 30 | 3                    | 5  | 160                 | 2 | 16.80  |
|                        | 6                             | 30 | 3                    | 25 | 160                 | 2 | 108.00 |
|                        | Part 1' Qty = 333.60          |    |                      |    |                     |   |        |

$$\text{Total Qty} = (A + B + C)$$

$$= 348.08 + 348.44 + 333.60$$

$$= 1030.12 \text{ m}^3$$

7. Lay 100 mm brick soling layer on prepared sub grade with brick on end eelgins etc.

|         |                          |       |        |       |
|---------|--------------------------|-------|--------|-------|
| Part A' | 2x                       | 20x20 | x0.500 | = 400 |
|         | 2x                       | 10x10 | x0.500 | = 100 |
|         | 2x                       | 30x   | 0.500  | = 30  |
|         | 2x                       | 2x20  | x0.500 | = 40  |
|         | Qty = 570 m <sup>2</sup> |       |        |       |

*Signature*  
16/12/2023  
S-E

Sch. XLV- Form No. 134

| Sch. XLV- Form No. 134                                                       |                               |    |    | Contents<br>or area |
|------------------------------------------------------------------------------|-------------------------------|----|----|---------------------|
| Particulars                                                                  | Details of actual measurement |    |    |                     |
|                                                                              | No.                           | L. | B. | D.                  |
| <u>Abstract of cost</u>                                                      |                               |    |    |                     |
| 1. providing & fixing of working<br>benchmarks pillars 2 nos per km          |                               |    |    |                     |
| Qty vide item (1), P. No. (20)                                               |                               |    |    |                     |
| 3.300 km @ 32628.50/km                                                       |                               |    |    |                     |
| RS = 107674.00                                                               |                               |    |    |                     |
| 2. clearing & Grubbing Roadland.                                             |                               |    |    |                     |
| Qty vide item (2), P. No. (20)                                               |                               |    |    |                     |
| 1.155 Ha @ 51133.26/Ha                                                       |                               |    |    |                     |
| RS = 59059.00                                                                |                               |    |    |                     |
| 3. Const. of Embankment with<br>material obtained from borrow                |                               |    |    |                     |
| Pit 1.2 m x 1000 m etc.                                                      |                               |    |    |                     |
| Qty vide item (3), P. No. (21)                                               |                               |    |    |                     |
| 560 m <sup>3</sup> @ 175.22/cum                                              |                               |    |    |                     |
| RS = 98123.00                                                                |                               |    |    |                     |
| 4. Const. of Embankment<br>for level 100 m                                   |                               |    |    |                     |
| Qty vide item (4), P. No. (21)                                               |                               |    |    |                     |
| 759.38 m <sup>3</sup> @ 135.12/m <sup>3</sup>                                |                               |    |    |                     |
| RS = 102602.00                                                               |                               |    |    |                     |
| 5. Construction of Subgrade and<br>Earthen shoulders etc.<br>(for subgrade.) |                               |    |    |                     |
| Qty vide item (5), P. No. (21)                                               |                               |    |    |                     |
| 3744.0 m <sup>3</sup> @ 176.86/cum                                           |                               |    |    |                     |
| RS = 662164.00                                                               |                               |    |    |                     |

(Continuation)

RS = 10,29,627.00

B/F B = 53,70,123 = 00

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Sch. XLV- Form No. 134

| Particulars                                                                                         | Details of actual measurement |   |   |                     | Contents or area |
|-----------------------------------------------------------------------------------------------------|-------------------------------|---|---|---------------------|------------------|
|                                                                                                     | No.                           | L | B | D                   |                  |
| Surfacing material of 20 mm thickness etc.                                                          |                               |   |   |                     |                  |
| Qty vide item (5), P.No. (29)                                                                       |                               |   |   |                     |                  |
| 6059.64 m <sup>2</sup> @ 210.83/34m                                                                 |                               |   |   |                     |                  |
|                                                                                                     |                               |   |   | RS = 12,77,554 = 00 |                  |
| <u>11</u><br><u>12</u> Construction of granular sub-base by providing well graded material (G.S.B.) |                               |   |   |                     |                  |
| Qty vide item no (5), P. (5)                                                                        |                               |   |   |                     |                  |
| 565.84 m <sup>3</sup>                                                                               |                               |   |   |                     |                  |
| Qty vide item no (1), P.No. (26)                                                                    |                               |   |   |                     |                  |
| 78.0 m <sup>3</sup>                                                                                 |                               |   |   |                     |                  |
| Total Qty = 643.84 m <sup>3</sup>                                                                   |                               |   |   |                     |                  |

@ 1564.16/cum

RS = 10,07,069 = 00

12  
14 Construction of unreinforced plain cement concrete (M-30) grade etc.

Qty vide item no (6), P.No. (30)

1030.12 m<sup>3</sup> @ 7093.67/cum

RS = 73,07,331 = 00

13  
15 Laying brick soding layer on prepared sub grade with brick on end edging etc.

Qty vide item (7), P.No. (30)

570 m<sup>2</sup> @ 504.69/34m

RS = 287,673 = 00

(Continuation)

RS = 152,49,750 = 00

B/F B = 171,26,121 = 00

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| Particulars                                        | Details of actual measurement |    |    |                                 | Contents of area |
|----------------------------------------------------|-------------------------------|----|----|---------------------------------|------------------|
|                                                    | No.                           | L. | B. | D.                              |                  |
| 19/34 Providing a Daying Rice pike                 |                               |    |    |                                 |                  |
| N.P. 3 for culvert (1000m x 1m)                    |                               |    |    |                                 |                  |
| Qty in items (13, P-22)                            |                               |    |    |                                 |                  |
| 52.50 m @ 3329.29/Rm                               |                               |    |    |                                 |                  |
|                                                    |                               |    |    | 15 = 1774113 = 00               |                  |
|                                                    |                               |    |    | Total 15 = 173,03,534 = 00      |                  |
| Add GST @ 12% 15 = 20,76,424 = 00                  |                               |    |    |                                 |                  |
| Add LC @ 1% 15 = 173035 = 00                       |                               |    |    |                                 |                  |
|                                                    |                               |    |    | G.T. Total 15 = 195,52,999 = 00 |                  |
| Less 16% below upper agreement 15 = 31,28,479 = 00 |                               |    |    |                                 |                  |
|                                                    |                               |    |    | 15 = 164,24,514 = 00            |                  |
| Less Previous:                                     |                               |    |    |                                 |                  |
| Payment up to date = 64,48,305 = 00                |                               |    |    |                                 |                  |
|                                                    |                               |    |    | 15 = 99,76,209 = 00             |                  |

Charter  
16/12/2023  
J.E

Cudp  
16/12/23