

MMSY-(SC)

मसिमा सगिता. अतिरि प्रमस्य वर व मसिमा  
सिमा सिमा XLV-Form No.-134

(X-6)

Executive Engineer

RWD Works Division

Darbhanga-1

DIVISION

Darbhanga.

SUB-DIVISION

# MEASUREMENT BOOK

सिमा अतिरि सिमा 3390/18-19

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. |                  |

1st on A/c Bill

Name of work - Construction of

road from Anzimgay road

to Mahes Mandal talu under

MMGAY (sc)

Agency - Om prakash Enterprises

Bijuli gram.

Agreement No - 55 SBD/2018-19 MMGAY

(sc)

Agreement value - Rs 45,47,935=00

Date of work start - 18-12-2018

Date of completion - 17-09-2019

Date of entry - 25/02/19

excavation - At - S86.00m

① Work in excavation

of found trenches -

all complete job

$$2 \times 8.50 \times 1.40 \times 1.45 = 36.54 \text{ m}^3$$

$$\text{Bedding} 2 \times 5.78 \times 2.50 \times 0.25 = 8.61 \text{ m}^3$$

$$38.12 \text{ m}^3$$

② providing p.c.c. M15 in

found - all complete

$$2 \times 8.25 \times 1.40 \times 0.150 = 3.46$$

③ p/v type 's' Bedding

Laying 1st class from

local sand - all complete

$$1 \times 5.78 \times 2.25 \times 0.55 = 6.99 \text{ m}^3$$

$$\text{less } 2 \times 5.78 \times \frac{(0.77)^2}{2} = 2.54 \text{ m}^3$$

$$4.45 \text{ m}^3$$

Continuation

| Particulars                       | Details of actual measurement |    |    |    | Contents of area                          |
|-----------------------------------|-------------------------------|----|----|----|-------------------------------------------|
|                                   | No.                           | L. | B. | D. |                                           |
| Line                              |                               |    |    |    | B/L 397.24 m <sup>2</sup>                 |
| 2 x 50.00 x 1.604 x 1.10          |                               |    |    |    | 1325 = 45.22                              |
| cut 1 x 8.00 x 6.50 x 0.30        |                               |    |    |    | = 15.60                                   |
| Embankment Earth Qty.             | 2                             |    |    |    | 458.06 m <sup>3</sup>                     |
| (A) Earth Qty. for 1000 m. lead   |                               |    |    |    | 1326.165 - 458.06 = 868.10 m <sup>3</sup> |
| Qty. 868.10 x 30%                 |                               |    |    |    | = 260.13 m <sup>3</sup>                   |
| Limited to 182.24 m <sup>3</sup>  |                               |    |    |    |                                           |
| (B) Earth Qty. for 100 m. lead    |                               |    |    |    |                                           |
| Qty. 868.10 m <sup>3</sup> x 0.70 |                               |    |    |    | = 607.67 m <sup>3</sup>                   |
| Limited to 425.16 m <sup>3</sup>  |                               |    |    |    |                                           |

20/8/19

### ABSTRACT OF COST

|                                            |        |      |           |
|--------------------------------------------|--------|------|-----------|
| ① Setting out                              | as per |      |           |
| Specification                              | -      | -    | all       |
| complete                                   | ✓      |      |           |
| Qty. 1.00                                  |        | 1/10 |           |
| ④ 265.40 each                              |        |      | 4265.00   |
| ② Construction of reference pillars/buried |        |      |           |
| complete                                   | ✓      |      |           |
| Qty. 3.00                                  | No     | 1/10 |           |
| ④ 1963.18 each                             |        |      | 5890.20   |
|                                            |        |      | 610155.00 |

Continuation

CD Rs 306945.00

| Particulars                                                                             | Details of actual measurement |    |    |      | Contents of area |
|-----------------------------------------------------------------------------------------|-------------------------------|----|----|------|------------------|
|                                                                                         | No.                           | L. | B. | D.   |                  |
| 7. Construction of sub-grade and earthen shoulder with approved material — all complete | Qty. 458.06 m <sup>3</sup>    |    |    | P/14 |                  |
|                                                                                         | @ 148.61/m <sup>3</sup>       |    |    |      | Rs 68072.20      |
| 8. provided layer of spreader and comp' chief work & m material — all complete          | Qty 198.74 m <sup>3</sup>     |    |    | P/4  |                  |
|                                                                                         | @ 3462.57/m <sup>3</sup>      |    |    |      | Rs 688151.20     |
| 9. construction of un-reinforced concrete pavement for 30' — all complete               | Qty. 424.01 m <sup>3</sup>    |    |    | P/11 |                  |
|                                                                                         | @ 7643.74/m <sup>3</sup>      |    |    |      | Rs 3242718.20    |
| 10. Reinforced concrete                                                                 |                               |    |    |      |                  |
| 4.15 grade kilometre                                                                    |                               |    |    |      |                  |
| Local stone — all complete                                                              |                               |    |    |      |                  |
| i) Cylindrical 10 m. post                                                               | Qty. 1 No                     |    |    | P/14 |                  |
|                                                                                         | @ 2580.24 each                |    |    |      | Rs 2580.20       |
| ii) 200 m. stone post                                                                   | Qty. 3 No                     |    |    | P/14 |                  |
|                                                                                         | @ 667.14 each                 |    |    |      | Rs 2001.20       |

CO. R 4310467-20

Continuation

| Particulars                                                                                  | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                              | No.                           | L. | B. | D. |                  |
| (11) provided and fix of retro reflective Cautionary, Mandatory Sign Board — all Complete ju |                               |    |    |    |                  |
| (i) 600 mm equilateral triangle                                                              |                               |    |    |    |                  |
| Qty. 4.00 No — P/15                                                                          |                               |    |    |    |                  |
| @ 1716.64 each — Rs 6867.20                                                                  |                               |    |    |    |                  |
| (11) 600 mm circular                                                                         |                               |    |    |    |                  |
| Qty. 2.00 No — P/15                                                                          |                               |    |    |    |                  |
| @ 1780.532 each — Rs 3561.20                                                                 |                               |    |    |    |                  |
| (11) 600 mm x 450 mm rectangle                                                               |                               |    |    |    |                  |
| Qty. 2 No — P/15                                                                             |                               |    |    |    |                  |
| @ 1773.996 each — Rs 3548.20                                                                 |                               |    |    |    |                  |
| (12) provided and fix of typical MMSSY informative sign board with logo — all Complete ju    |                               |    |    |    |                  |
| Qty. 2.00 No — P/15                                                                          |                               |    |    |    |                  |
| 1.00 — P/15                                                                                  |                               |    |    |    |                  |
| 3.00 No                                                                                      |                               |    |    |    |                  |
| @ 9786.83 each — Rs 29360.20                                                                 |                               |    |    |    |                  |
| (13) Road Marking with Hot Applied Thermoplastic compound — all complete                     |                               |    |    |    |                  |
| Qty 141.5 m <sup>2</sup> — P/15                                                              |                               |    |    |    |                  |
| @ 969.95/m <sup>2</sup> — Rs 137248.20                                                       |                               |    |    |    |                  |
| @ 4491051.20                                                                                 |                               |    |    |    |                  |

| Particulars                                                                            | Details of actual measurement |    |     |    | Contents of area |
|----------------------------------------------------------------------------------------|-------------------------------|----|-----|----|------------------|
|                                                                                        | No.                           | L. | B.  | D. |                  |
|                                                                                        |                               |    | B/G | L  |                  |
| (14) E/work in excavation<br>of found <sup>h</sup> trenches —<br>— all complete job    |                               |    |     |    |                  |
| Qty. 39.26 m <sup>3</sup> — P/11                                                       |                               |    |     |    |                  |
| @ 240.01/m <sup>3</sup> —                                                              |                               |    |     |    | Rs 8943.20       |
| (15) provided type 'A'<br>Bedding on well<br>compound local sand<br>— all complete job |                               |    |     |    |                  |
| Qty. 4.26 m <sup>3</sup> — P/12                                                        |                               |    |     |    |                  |
| @ 386.56/m <sup>3</sup> —                                                              |                               |    |     |    | Rs 1638.00       |
| (16) provided p.c.c. M <sub>15</sub><br>in found <sup>h</sup> — all<br>complete job    |                               |    |     |    |                  |
| Qty. 3.24 m <sup>3</sup> — P/12                                                        |                               |    |     |    |                  |
| @ 5979.82/m <sup>3</sup> —                                                             |                               |    |     |    | Rs 19375.00      |
| (17) provided Blw (1:4) in<br>Sub-structure — all<br>complete job                      |                               |    |     |    |                  |
| Qty. 28.04 m <sup>3</sup> — P/12                                                       |                               |    |     |    |                  |
| @ 6217.45/m <sup>3</sup> —                                                             |                               |    |     |    | Rs 174337.00     |
| (18) provided and Laying<br>R.C.C. Pipe 150 mm dia<br>— all<br>complete job            |                               |    |     |    |                  |
| Qty. 15.0 m. — P/12                                                                    |                               |    |     |    |                  |
| @ 1319.82/m —                                                                          |                               |    |     |    | Rs 19790.00      |

| Particulars                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------|-------------------------------|----|----|----|------------------|
|                            | No.                           | L. | B. | D. |                  |
|                            |                               |    |    |    | 816 - 2          |
| (19) providing 15 mm thick |                               |    |    |    |                  |
| C.P. (1:4) — all concrete  |                               |    |    |    |                  |
| 50%                        |                               |    |    |    |                  |
| Qty. $28.09 m^2$ — $9/13$  |                               |    |    |    |                  |
| $28.04$                    |                               |    |    |    |                  |
| @ $189.15/m^2$ —           |                               |    |    |    | Rs 5304.20       |
|                            |                               |    |    |    | Rs 47,20,438.20  |
| Less 10% as per agreement  |                               |    |    |    | Rs 4,72,044.20   |
|                            |                               |    |    |    | Rs 42,48,394.00  |
| Less previous payment      |                               |    |    |    | Rs 39,64,533.20  |
|                            |                               |    |    |    | Rs 2,83,861.00   |
| <del>As per contract</del> |                               |    |    |    |                  |
| <del>As per contract</del> |                               |    |    |    |                  |
| <del>As per contract</del> |                               |    |    |    |                  |

Nettural Statement

(1) Final Qty = 1065.63 m<sup>3</sup>

Rs 15,535.00