

MMWSY Road to KUMHAR Pota

# Schedule XLV-Form No. 134

MMWSY (SC)

MARHAURA

**DIVISION**

MASRAKH

**SUB-DIVISION**

929

**MEASUREMENT BOOK**

Summisse Sangan Const. Pvt LTD

# ✓ Est on A/C Bill

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 measurement relating to each work)

| of the measurement relating to each work)      |                               |    |    |    | Contents of area |
|------------------------------------------------|-------------------------------|----|----|----|------------------|
| Particulars                                    | Details of actual measurement |    |    |    |                  |
|                                                | No.                           | L. | B. | D. |                  |
| Name of work:- Construction of Road            |                               |    |    |    |                  |
| From MMGSY Road To Kumbhar                     |                               |    |    |    |                  |
| Tola tal (MMGSY-SC)                            |                               |    |    |    |                  |
| Name of Agency:- Sunrise Saran Const Pvt. Ltd. |                               |    |    |    |                  |
| Agreement no:- MMGSY-SC/38D/2020-21            |                               |    |    |    |                  |
| Agreement Value:- 68,05,166/-                  |                               |    |    |    |                  |
| Date of Start:- 16/09/2020                     |                               |    |    |    |                  |
| Date of Comp:- 15/06/2021                      |                               |    |    |    |                  |
| Date of measurement:-                          |                               |    |    |    |                  |

## Items of work

|                                                               |  |  |  |  |  |
|---------------------------------------------------------------|--|--|--|--|--|
| 1) clearing & grubbing Road                                   |  |  |  |  |  |
| Land including uprooting                                      |  |  |  |  |  |
| wild Vegetation -                                             |  |  |  |  |  |
| 2 x 30 new x 30.0 x 1.00 = 1800.0 m <sup>2</sup>              |  |  |  |  |  |
| 2 x 110 x 25.0 x 1.0 = 550.0 m <sup>2</sup>                   |  |  |  |  |  |
| Total = 1850.0 m <sup>2</sup>                                 |  |  |  |  |  |
| So, $\frac{1850.0 \text{ m}^2}{10000.0} = 0.185 \text{ Hect}$ |  |  |  |  |  |
| 2) Setting out Pillars -                                      |  |  |  |  |  |
| Qty = 0.930 Km = 0.930 Km                                     |  |  |  |  |  |
| 3) Box-Cutting -                                              |  |  |  |  |  |
| 2 x 2710 x 30.0 x 0.525 x 0.10 = 85.05 m <sup>3</sup>         |  |  |  |  |  |
| 2 x 3.105 x 30.0 x 0.525 x 0.10 = 9.45 m <sup>3</sup>         |  |  |  |  |  |
| 2 x 1.10 x 9.0 x 0.525 x 0.10 = 0.945 m <sup>3</sup>          |  |  |  |  |  |
| 2 x 1.10 x 17.0 x 0.525 x 0.10 = 1.785 m <sup>3</sup>         |  |  |  |  |  |
| Total = 97.230 m <sup>3</sup>                                 |  |  |  |  |  |

Continuation

# ABSTRACT OF COST

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| Particulars                                  | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------|-------------------------------|----|----|----|------------------|
|                                              | No.                           | L. | B. | D. |                  |
| 1) Setting Out Pillars —                     |                               |    |    |    |                  |
| Qty = 0.930 Km (vide TMB, Pg-1)              |                               |    |    |    |                  |
| @ 12,476.80 Rs/Km —                          |                               |    |    |    | Rs 11,603 = W    |
| 2) Clearing & Grubbing Rd                    |                               |    |    |    |                  |
| Land Including —                             |                               |    |    |    |                  |
| Qty = 0.185 Hect (vide TMB, Pg-1)            |                               |    |    |    |                  |
| @ 51,137.38 Rs/Hect —                        |                               |    |    |    | Rs 9,460 = W     |
| 3) Box-Cutting —                             |                               |    |    |    |                  |
| Qty = 97.230 m <sup>3</sup> (vide TMB, Pg-1) |                               |    |    |    |                  |
| @ 126.24 Rs/m <sup>3</sup> —                 |                               |    |    |    | Rs 12,274 = W    |
| 4) Construction of Embankment                |                               |    |    |    |                  |
| with material obtained from                  |                               |    |    |    |                  |
| Road ways Cutting — 60%.                     |                               |    |    |    |                  |
| Qty = 58.338 m <sup>3</sup> (vide TMB, Pg-2) |                               |    |    |    |                  |
| @ 9668 Rs/m <sup>3</sup> —                   |                               |    |    |    | Rs 5640 = W      |
| 5) Construction of Subgrade &                |                               |    |    |    |                  |
| Earthen Shoulder —                           |                               |    |    |    |                  |
| Qty = 953.0 m <sup>3</sup> (vide TMB, Pg-2)  |                               |    |    |    |                  |
| @ 183.22 Rs/m <sup>3</sup> —                 |                               |    |    |    | Rs 1,74,609 = W  |
| 6) Construction of Granular Sub-             |                               |    |    |    |                  |
| Base (G.S.B.) with well graded               |                               |    |    |    |                  |
| Qty = 575.81 m <sup>3</sup> (vide TMB, Pg-3) |                               |    |    |    |                  |
| Continuation                                 |                               |    |    |    |                  |
| @ 3202.60 Rs/m <sup>3</sup> —                |                               |    |    |    | Rs 18,44,900 = W |

| Particulars                                                                     | Details of actual measurement |    |    |    | Contents of area  |
|---------------------------------------------------------------------------------|-------------------------------|----|----|----|-------------------|
|                                                                                 | No.                           | L. | B. | D. |                   |
| 7) P/V, Laying, Spreading & Comp. stone Agg of specific size to WBM kerb — do — |                               |    |    |    |                   |
| $\Phi 4 = 264.80 \text{ m}^3$ (vide TMB Pg-4)                                   |                               |    |    |    |                   |
| @ 4437.11 Rs/m <sup>3</sup> —                                                   |                               |    |    |    | Rs 11,74,947 = 00 |
| 8) P/V And applying Primer Coat with Bitumen emulsion (SS-1)                    |                               |    |    |    |                   |
| $\Phi 4 = 23516.75 \text{ m}^2$ (vide TMB, Pg-5)                                |                               |    |    |    |                   |
| @ 44.39 Rs/m <sup>2</sup> —                                                     |                               |    |    |    | Rs 1,56,109 = 00  |
| 9) P/V & applying tack Coat with Bitumen emulsion (RS-1) —                      |                               |    |    |    |                   |
| $\Phi 4 = 3516.75 \text{ m}^2$ (vide TMB Pg-5)                                  |                               |    |    |    |                   |
| @ 15.35 Rs/m <sup>2</sup> —                                                     |                               |    |    |    | Rs 53982 = 00     |
| 10) P/V, Laying & Rolling of class graded Prime Suspending (CSPS)               |                               |    |    |    |                   |
| $\Phi 4 = 3516.75 \text{ m}^2$ (vide TMB, Pg-5)                                 |                               |    |    |    |                   |
| @ 245.11 Rs/m <sup>2</sup> —                                                    |                               |    |    |    | Rs 8,61,991 = 00  |
| 11) P/V & fixing of Boundary pillars — do —                                     |                               |    |    |    |                   |
| $\Phi 4 = 21.0 \text{ nos}$ (vide TMB, Pg-6)                                    |                               |    |    |    |                   |
| @ 517.00 Rs/no —                                                                |                               |    |    |    | Rs 10857 = 00     |
|                                                                                 |                               |    |    |    | 21                |
|                                                                                 |                               |    |    |    | Rs 10857 = 00     |

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| Particulars                       | Details of actual measurement |    |    |    | Contents of area              |
|-----------------------------------|-------------------------------|----|----|----|-------------------------------|
|                                   | No.                           | L. | B. | D. |                               |
| 12) Kilometer Stone —             |                               |    |    |    |                               |
| (i) Km Stone                      |                               |    |    |    |                               |
| Qty = 2.0 nos (vide TMB, Pg-6)    |                               |    |    |    |                               |
| @ 2296.68 Rs/no —                 |                               |    |    |    | Rs 4593 = 00                  |
| (ii) 200 mm Stone                 |                               |    |    |    |                               |
| Qty = 4.00 nos (vide TMB, Pg-6)   |                               |    |    |    |                               |
| @ 626.14 Rs/no —                  |                               |    |    |    | Rs 2505 = 00                  |
| 13) P.V. & fixing Traffic Sign    |                               |    |    |    |                               |
| (i) 600 mm equilateral & Triangle |                               |    |    |    |                               |
| Qty = 1.0 no (vide TMB, Pg-6)     |                               |    |    |    |                               |
| @ 3483.42 Rs/no —                 |                               |    |    |    | Rs 3483 = 00                  |
| (ii) 600 mm Circular —            |                               |    |    |    |                               |
| Qty = 2.00 nos (vide TMB, Pg-6)   |                               |    |    |    |                               |
| @ 4663.74 Rs/no —                 |                               |    |    |    | Rs 9327 = 00                  |
| (iii) 800 mm x 600 mm Rectangular |                               |    |    |    |                               |
| Qty = 2.0 nos (vide TMB, Pg-6)    |                               |    |    |    |                               |
| @ 6494.62 Rs/no —                 |                               |    |    |    | Rs 12989 = 00                 |
| (iv) 600 mm x 450 mm Rectangular  |                               |    |    |    |                               |
| Qty = 2.0 no (vide TMB, Pg-6)     |                               |    |    |    |                               |
| @ 4542.92 Rs/no —                 |                               |    |    |    | Rs 9086 = 00                  |
| (v) 900 mm Side octagon —         |                               |    |    |    |                               |
| Qty = 1.0 no (vide TMB, Pg-6)     |                               |    |    |    |                               |
| @ 8279.03 Rs/no —                 |                               |    |    |    | Rs 8279 = 00                  |
|                                   |                               |    |    |    | LL                            |
|                                   |                               |    |    |    | <del>Total</del> Rs 8279 = 00 |

Continuation