

**M.P.G.S.Y. NEW SC**

Part. No. NO. 3338

ପ୍ରାଥମିକ ବିଭାଗର ପାଠ୍ୟପୁସ୍ତକ

Schedule XLV Form No. 134.

ପଢ଼ାବହି ନମ୍ବର -

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DIVISION

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SUB-DIVISION

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**Measurement Book**

**M.P.B.NO. 3338**

# 2nd year maintenance

50

Sch. XLV-Form No. 134

| Particulars  | Details of actual measurement |    |    |    | Contents of area  |
|--|-------------------------------|----|----|----|---|
|  | No.                           | L. | B. | D. |   |
| Name of works - Const. of road from Basah Chakura Ahir to Surandha Purab Tola Tal. |                               |    |    |    |   |
| Agency - Amit Kumar Singh  |                               |    |    |    |   |
| Agg. no. - F/1500/2020-21  |                               |    |    |    |   |
| Date of completion - 30.01.2022  |                               |    |    |    |   |
| ① Restoration of rain cut  |                               |    |    |    |   |
| with Soil, masonry   |                               |    |    |    |   |
|  |                               |    |    |    | $60 \times 2.00 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 25.20 \text{ m}^3$                    |
|  |                               |    |    |    | $2 \times 6 \times 20.0 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 75.60 \text{ m}^3$            |
|  |                               |    |    |    | $18 \times 2.00 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 11.34 \text{ m}^3$                    |
|  |                               |    |    |    | $15 \times 4.00 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 12.60 \text{ m}^3$                    |
|  |                               |    |    |    | $3 \times 6.00 \text{ m} \times 0.70 \text{ m} \times 0.30 \text{ m} = 3.78 \text{ m}^3$                      |
|  |                               |    |    |    | $1 \times 14.00 \text{ m} \times 0.80 \text{ m} \times 0.30 \text{ m} = 3.36 \text{ m}^3$                     |
|  |                               |    |    |    | $1 \times 5.80 \text{ m} \times 0.70 \text{ m} \times 0.35 \text{ m} = 1.42 \text{ m}^3$                      |
|  |                               |    |    |    | <u>133.30 m<sup>3</sup></u>   |
| ② Making up of berms   |                               |    |    |    |   |
| Shoulder, stripping  |                               |    |    |    |   |
|  |                               |    |    |    | $6 \times 2 \times 20.0 \text{ m} \times \left( \frac{0.90 + 0.80}{2} \right) \text{ m} = 206.00 \text{ m}^2$ |
|  |                               |    |    |    | $21 \times 2.00 \text{ m} \times 0.80 \text{ m} = 33.60 \text{ m}^2$  |
|  |                               |    |    |    | $5 \times 25.00 \text{ m} \times \left( \frac{0.90 + 0.80}{2} \right) \text{ m} = 106.25 \text{ m}^2$         |
|  |                               |    |    |    | $4 \times 2 \times 30.0 \text{ m} \times 0.80 \text{ m} = 192.00 \text{ m}^2$                                 |
|  |                               |    |    |    | <u>637.85 m<sup>2</sup></u>   |
|  |                               |    |    |    | limit Qty. = 637.50 m <sup>2</sup>  |

Continuation

| Particulars                                    | Details of actual measurement |    |    |    | Contents of area          |
|--|-------------------------------|----|----|----|---------------------------|
|  | No.                           | L. | B. | D. |                           |
| ② Patch repair Over bituminous surface         |                               |    |    |    |                           |
| 1x 2.00m x 1.00m                               |                               |    |    |    | = 22.00m <sup>2</sup>     |
| 6x 2.00m x 0.80m                               |                               |    |    |    | = 14.40m <sup>2</sup>     |
| 4x 4.00m x 0.70m                               |                               |    |    |    | = 11.20m <sup>2</sup>     |
| 1x 5.20m x 1.20m                               |                               |    |    |    | = 6.24m <sup>2</sup>      |
| 1x 5.90m x 1.50m                               |                               |    |    |    | = 8.85m <sup>2</sup>      |
| 1x 6.70m x 1.30m                               |                               |    |    |    | = 8.71m <sup>2</sup>      |
| 1x 7.40m x 1.80m                               |                               |    |    |    | = 13.32m <sup>2</sup>     |
|  |                               |    |    |    | <u>84.84m<sup>2</sup></u> |
| Limit Qty. = 84.80m <sup>2</sup>               |                               |    |    |    |                           |
| ④ maintenance of C/P works (Home pipe culvert) |                               |    |    |    | = 4 nos.                  |
| ⑤ maintenance of road signs                    |                               |    |    |    |                           |
| 12% x 2.20km                                   |                               |    |    |    | = 0.26km                  |
| ⑥ maintenance of 200m and Km stones            |                               |    |    |    |                           |
| 15% x 2.20km                                   |                               |    |    |    | = 0.33km                  |
| ⑦ Cutting of branches of trees and shrubs      |                               |    |    |    | = 4 nos.                  |
| ⑧ Cutting of shrubs from roadway               |                               |    |    |    | = 18 nos.                 |



# ABSTRACT OF COST

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Sch. XLV-Form No. 134

| Particulars                                      | Details of actual measurement |    |    |    | Contents of area     |
|--|-------------------------------|----|----|----|----------------------|
|  | No.                           | L. | B. | D. |                      |
| ① Restoration of raincuts<br>with Soil, moorum — |                               |    |    |    |                      |
| Qty. vide TMBP (50)                              |                               |    |    |    |                      |
| 1. no :- ① = 133.50 m <sup>2</sup>               |                               |    |    |    |                      |
| @ Rs 365 = 25/m <sup>2</sup>                     |                               |    |    |    | Rs 48688 = 00        |
| ② making up of barmf<br>Shoulder —               |                               |    |    |    |                      |
| Qty. vide TMBP (50)                              |                               |    |    |    |                      |
| 1. no :- ② = 607.50 m <sup>2</sup>               |                               |    |    |    |                      |
| @ Rs 54 = 16/m <sup>2</sup>                      |                               |    |    |    | Rs 32902 = 00        |
| ③ patch repair over<br>bituminous surface —      |                               |    |    |    |                      |
| Qty. vide TMBP (51)                              |                               |    |    |    |                      |
| 1. no :- ③ = 84.28 m <sup>2</sup>                |                               |    |    |    |                      |
| @ Rs 325 = 19/m <sup>2</sup>                     |                               |    |    |    | Rs 27440 = 00        |
| ④ maintenance of CP<br>work (H.P culvert)        |                               |    |    |    |                      |
| Qty. vide TMBP (51)                              |                               |    |    |    |                      |
| 1. no :- ④ = 4 nos                               |                               |    |    |    |                      |
| @ Rs 1131 = 64/no.                               |                               |    |    |    | Rs 4526 = 00         |
| ⑤ maintenance of road<br>Sign —                  |                               |    |    |    |                      |
| Qty. vide TMBP (51)                              |                               |    |    |    |                      |
| 1. no :- ⑤ = 0.26 Km                             |                               |    |    |    |                      |
| @ Rs 1087 = 62/Km                                |                               |    |    |    | Rs 283 = 00          |
|  |                               |    |    |    | Cl to Rs 113829 = 00 |

Continuation

| Particulars                               | Details of actual measurement |    |    |    | Contents of area   |
|---|-------------------------------|----|----|----|--------------------|
|   | No.                           | L. | B. | D. |                    |
| ⑥ maintenance of 200m and Km Stone        |                               |    |    |    |                    |
| Qty. vide TMBP (51)                       |                               |    |    |    |                    |
| 1 no :- ⑥ = 0.33 Km                       |                               |    |    |    |                    |
| @ Rs 654 = 53/Km                          |                               |    |    |    | Rs 216 = 00        |
| ⑦ Cutting of branches of trees and shrubs |                               |    |    |    |                    |
| Qty. vide TMBP (51)                       |                               |    |    |    |                    |
| 1 no :- ⑦ = 4 nos.                        |                               |    |    |    |                    |
| @ Rs 107 = 48/no                          |                               |    |    |    | Rs 430 = 00        |
| ⑧ Cutting of shrubs from roadway          |                               |    |    |    |                    |
| Qty. vide TMBP (51)                       |                               |    |    |    |                    |
| 1 no :- ⑧ = 18 nos.                       |                               |    |    |    |                    |
| @ Rs 6 = 60/nos.                          |                               |    |    |    | Rs 119 = 00        |
| ⑨ Trimming of grass and weeds             |                               |    |    |    |                    |
| Qty. vide TMBP (52)                       |                               |    |    |    |                    |
| 1 no :- ⑨ = 45.00 m <sup>2</sup>          |                               |    |    |    |                    |
| @ Rs 2 = 20/m <sup>2</sup>                |                               |    |    |    | Rs 99 = 00         |
| ⑩ white washing of parapet walls          |                               |    |    |    |                    |
| Qty. vide TMBP (52)                       |                               |    |    |    |                    |
| 1 no :- ⑩ = 82.08 m <sup>2</sup>          |                               |    |    |    |                    |
| @ Rs 16 = 48/m <sup>2</sup>               |                               |    |    |    | Rs 1365 = 00       |
|   |                               |    |    |    | C/O Rs 116068 = 00 |

| Particulars              | Details of actual measurement |       |    |                                  | Contents of area                 |
|--------------------------|-------------------------------|-------|----|----------------------------------|----------------------------------|
|                          | No.                           | L.    | B. | D.                               |                                  |
|                          |                               |       |    | B/P                              | 116068=00                        |
| Less 10%                 |                               | below |    |                                  | 11607=00                         |
|                          |                               |       |    |                                  | 11607461=00                      |
| Sagib<br>29.03.24<br>D/E |                               |       |    | <del>Ata</del><br>29/03/24<br>AE | <del>CEP</del><br>29/03/24<br>EE |
|                          |                               |       |    |                                  |                                  |
|                          |                               |       |    |                                  |                                  |
|                          |                               |       |    |                                  |                                  |
|                          |                               |       |    |                                  |                                  |
|                          |                               |       |    |                                  |                                  |
|                          |                               |       |    |                                  |                                  |

material statement

|                        |                        |  |  |  |  |
|------------------------|------------------------|--|--|--|--|
| Earth                  | = 191.10m <sup>2</sup> |  |  |  |  |
| Crushed Stone Chips    | = 2.28m <sup>2</sup>   |  |  |  |  |
| Bitumen                | = 0.18MT               |  |  |  |  |
| Bitumen emulsion (RST) | = 25.31kg              |  |  |  |  |
| Sagib                  |                        |  |  |  |  |
| 29.03.24               |                        |  |  |  |  |
|                        |                        |  |  |  |  |
|                        |                        |  |  |  |  |
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