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To Sri.....Babam Ram A.E- R.W.E  
Work Sub-Div.....Kulumba

Executive Engineer

Rural Works Division, at

Works Division, Aurangabad

10/7/20

Subordinate E.L.V. - Form No. 134.

E.E. A. Bad.

Division.

A.E. Kulumba.

Sub-Division.

MEASUREMENT BOOK.

2884

211567

Sri Babam Ram A.E. Kulumba

Date of Entry

Date of Entry

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. |                  |

M/W:- construction of

Road from Deo Ambar

path Road to Kumbhari

Agency:- Sri Shailendra prasad Singh

Agreement No:- 107(430)/2020-2021

Date of work of start:- 28-08-2020

Date of completion:- 27-08-2021

Measurement.

(i) providing &amp; fixing

of setting pillar

comp. job

(i) Bench mark pillar

= 3.0 NOS.

(ii) Reference pillar

= 8.0 NOS.

(2) clearing &amp; grubbing

Road/ land - comp. job

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 11 x 30 x 3.50 = 2310 = 10

2 x 1 x 20 x 3.50 = 140 = 10

Total = 14000 = 10

= 0.40 Hect.

Continuation of 1st = 1.40 Hect.

| Particulars                             | Details of actual measurement |        |       |             | Contents of area  |
|-----------------------------------------|-------------------------------|--------|-------|-------------|-------------------|
|                                         | No.                           | L      | B     | D           |                   |
| (3). providing BOX cutt <sup>g</sup> y. |                               |        |       |             |                   |
| Beside of BES L <sup>o</sup>            |                               |        |       |             |                   |
| BT pavement-                            |                               |        |       |             |                   |
|                                         |                               | 2x30   | 0.525 | 0.100       | $3.15 = 10.07^3$  |
|                                         |                               | 2x30   | 0.525 | 0.100       | $3.15 = 10.07^3$  |
|                                         |                               |        |       | Qty =       | $6.15 = 6.30 m^3$ |
| (4) BE side of e-c-                     |                               |        |       |             |                   |
| C.C pavement-                           |                               |        |       |             |                   |
|                                         |                               | 2x5x30 | 0.375 | 0.100       | $11.25 m^3$       |
|                                         |                               |        |       | total Qty = | $17.55 m^3$       |
| (4). construction of sub-               |                               |        |       |             |                   |
| grade in Embankment.                    |                               |        |       |             |                   |
|                                         |                               | 11x30  | 7.270 | 0.20        | $267.30$          |
|                                         |                               | 10x30  | 7.270 | 0.20        |                   |
|                                         |                               | 10x30  | 7.270 | 0.20        | $243.00$          |
|                                         |                               | 10x30  | 7.270 | 0.20        | $243.00$          |
|                                         |                               | 10x30  | 7.270 | 0.20        | $243.00$          |
|                                         |                               | 1x10   | 7.270 | 0.20        | $8.10$            |
|                                         |                               | 11x30  | 7.276 | 0.30        | $720.33 m^3$      |
|                                         |                               | 10x30  | 7.276 | 0.30        | $654.84 m^3$      |
|                                         |                               | 10x30  | 7.276 | 0.30        | $654.84 m^3$      |
|                                         |                               | 10x30  | 7.276 | 0.30        | $654.84 m^3$      |
|                                         |                               | 10x30  | 7.276 | 0.30        | $654.84 m^3$      |
|                                         |                               | 10x30  | 7.276 | 0.30        | $654.84 m^3$      |
|                                         |                               | 1x10   | 7.276 | 0.30        | $21.82 m^3$       |
|                                         |                               |        |       | total Qty = | $4016.35 m^3$     |
| (5.) construction of                    |                               |        |       |             |                   |
| C.T.S.B gr-I                            |                               |        |       |             |                   |
|                                         |                               | 11x30  | 4.050 | 0.20        | $267.30 m^3$      |



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| Particulars | Details of actual measurement |    |       |      | Contents of area                   |
|-------------|-------------------------------|----|-------|------|------------------------------------|
|             | No.                           | L  | B     | D    |                                    |
|             | 10                            | 30 | 4.050 | 0.20 | $= 243.00 \text{ m}^3$             |
|             | 10                            | 30 | 4.050 | 0.20 | $= 243.00 \text{ m}^3$             |
|             | 10                            | 30 | 4.050 | 0.20 | $= 243.00 \text{ m}^3$             |
|             | 10                            | 30 | 4.050 | 0.20 | $= 243.00 \text{ m}^3$             |
|             | 10                            | 30 | 4.050 | 0.20 | $= 243.00 \text{ m}^3$             |
|             | 1                             | 10 | 4.050 | 0.20 | $= 8.10 \text{ m}^3$               |
|             |                               |    |       |      | $\text{Qty} = 1490.40 \text{ m}^3$ |

(6) construction of

WBM gr-III comp. for

|  |    |    |      |       |                                   |
|--|----|----|------|-------|-----------------------------------|
|  | 13 | 30 | 3.75 | 0.075 | $= 107.6875 \text{ m}^3$          |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 10 | 30 | 3.75 | 0.075 | $= 84.375 \text{ m}^3$            |
|  | 1  | 10 | 3.75 | 0.075 | $= 2.8125 \text{ m}^3$            |
|  |    |    |      |       | $\text{Qty} = 534.38 \text{ m}^3$ |

(7) providing &amp; applying

primer coat complete.

|  |    |    |      |  |                                    |
|--|----|----|------|--|------------------------------------|
|  | 13 | 30 | 3.75 |  | $= 1462.50 \text{ m}^2$            |
|  | 10 | 30 | 3.75 |  | $= 1125.00 \text{ m}^2$            |
|  | 10 | 30 | 3.75 |  | $= 1125.00 \text{ m}^2$            |
|  | 10 | 30 | 3.75 |  | $= 1125.00 \text{ m}^2$            |
|  | 10 | 30 | 3.75 |  | $= 1125.00 \text{ m}^2$            |
|  | 10 | 30 | 3.75 |  | $= 1125.00 \text{ m}^2$            |
|  | 1  | 10 | 3.75 |  | $= 37.50 \text{ m}^2$              |
|  |    |    |      |  | $\text{Qty} = 7125.00 \text{ m}^2$ |

(8) providing &amp; applying

tack coat complete.

|     |    |    |      |  |                         |
|-----|----|----|------|--|-------------------------|
| 108 | 13 | 30 | 3.75 |  | $= 1462.50 \text{ m}^2$ |
|-----|----|----|------|--|-------------------------|

Continuation

| Particulars    | Details of actual measurement |   |   |   | Contents of area       |
|----------------|-------------------------------|---|---|---|------------------------|
|                | No                            | L | B | D |                        |
| 10 x 30 x 3.75 | =                             |   |   |   | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75 | =                             |   |   |   | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75 | =                             |   |   |   | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75 | =                             |   |   |   | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75 | =                             |   |   |   | 1125.00 m <sup>2</sup> |
| 1 x 10 x 3.75  | =                             |   |   |   | 37.50 m <sup>2</sup>   |
| Qty =          |                               |   |   |   | 7125.00 m <sup>2</sup> |

(9) providing &amp; applying

mass comp. job

|                     |   |                        |
|---------------------|---|------------------------|
| 1307 13 x 30 x 3.75 | = | 1462.50 m <sup>2</sup> |
| 10 x 30 x 3.75      | = | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75      | = | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75      | = | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75      | = | 1125.00 m <sup>2</sup> |
| 10 x 30 x 3.75      | = | 1125.00 m <sup>2</sup> |
| 1 x 10 x 3.75       | = | 37.50 m <sup>2</sup>   |
| Qty =               |   | 7125.00 m <sup>2</sup> |

7. Const<sup>n</sup> of earthen

Shoulder Complete.

|                            |   |                        |
|----------------------------|---|------------------------|
| 2 x 63 x 30 x 1.18 x 0.075 | = | 334.53                 |
| 2 x 63 x 30 x 1.38 x 0.210 | = | 1043.28                |
| 2 x 5 x 30 x 0.375 x 0.075 | = | 8.43                   |
| 2 x 5 x 30 x 0.375 x 0.160 | = | 18.00                  |
| 2 x 1 x 30 x 0.375 x 0.140 | = | 2.25                   |
| 2 x 1 x 30 x 0.375 x 0.110 | = | 2.25                   |
| 2 x 1 x 30 x 0.375 x 0.110 | = | 2.25                   |
| 2 x 2 x 30 x 0.375 x 0.110 | = | 4.50                   |
| Qty =                      |   | 1415.49 m <sup>3</sup> |

| Particulars                                         | Details of actual measurement |   |   |   | Contents of area |
|-----------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                     | No                            | L | B | H |                  |
| <u>ABSTRACT OF COST</u>                             |                               |   |   |   |                  |
| (1) providing & fixing setting pillar               |                               |   |   |   |                  |
| TMBP-1                                              | 1-1                           |   |   |   |                  |
| (i) bench mark pillar                               |                               |   |   |   |                  |
| 3 nos @ Rs 3998.68 / Rs                             |                               |   |   |   | 11996 = 00       |
| (ii) reference pillar                               |                               |   |   |   |                  |
| 8 nos @ Rs 1817.77 / Rs                             |                               |   |   |   | 14543.00         |
| (2) clearing & grubbing Road level                  |                               |   |   |   |                  |
| TMBP-1                                              | 1-2                           |   |   |   |                  |
| 0.40 Hect @ Rs 51133.76 / Hect                      |                               |   |   |   | 20454 = 00       |
| (3) providing box cutting                           |                               |   |   |   |                  |
| TMBP-2                                              | 1-3                           |   |   |   |                  |
| 17.55 m <sup>3</sup> @ Rs 74.16 / m <sup>3</sup>    |                               |   |   |   | 1302 = 00        |
| 6.30 m <sup>3</sup>                                 |                               |   |   |   |                  |
| (4) constn of sub-grade in embankment               |                               |   |   |   |                  |
| TMBP-2                                              | 1-4                           |   |   |   |                  |
| 4016.35 m <sup>3</sup> @ Rs 176.58 / m <sup>3</sup> |                               |   |   |   | 709207 = 00      |
| (5) construction of CTSB gr 1                       |                               |   |   |   |                  |
| TMBP-2                                              | 1-5                           |   |   |   |                  |
| 1490.40 m <sup>3</sup> @ Rs 268621 / m <sup>3</sup> |                               |   |   |   | 4003527 = 00     |
| (6) construction of WBM gr III                      |                               |   |   |   |                  |
| TMBP-3                                              | 1-6                           |   |   |   |                  |
| 534.38 m <sup>3</sup> @ Rs 3817.25 / m <sup>3</sup> |                               |   |   |   | 2039862 = 00     |
| CC B.F.                                             |                               |   |   |   | 680101 = 00      |

Continuation







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Continuation

8

| Particulars | Details of actual measurement |   |   |   | Contents of area |
|-------------|-------------------------------|---|---|---|------------------|
|             | No.                           | L | B | D |                  |

Continuation

# 1st on A/c Bill

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| Particulars                                                          | Details of actual measurement |   |   |   | Contents of area |
|----------------------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                                      | No.                           | L | B | D |                  |
| Name of work - Construction of Road from Old Amber Road to Kandibari |                               |   |   |   |                  |
| Agency - Shri Shailendra Pr. Singh                                   |                               |   |   |   |                  |
| Agg. No. - 107/MAP/2020-21                                           |                               |   |   |   |                  |
| Date of Start - 28.8.20                                              |                               |   |   |   |                  |
| Date of Completion - 27.8.21                                         |                               |   |   |   |                  |
| ABSTRACT OF COST                                                     |                               |   |   |   |                  |

## 1. Setting out pillars

TMB P-1, I-1

## (i) Bench mark

3 Nos @ 3978.68/each 11996 = 00

## (ii) Reference Pillars

8 Nos @ 1817.92/each 14543 = 00

## 2. Clearing & grubbing

TMB P-1, I-2

4.40 Hect @ 51133.76/Hect 2271587 = 00

## 3. Box cutting

TMB P-2, I-3

17.55 Hect @ 74.16/m<sup>3</sup> 1301 = 00

## 4. Const. M. of Subgrade

TMB P-2, I-4 538134 = 00

3811.76 m<sup>3</sup> @ 141.17/m<sup>3</sup> 538134 = 00

## 5. Const. M. of U.C.B-I

TMB P-3, I-5

1490.40 m<sup>3</sup> @ 2686.21/m<sup>3</sup> 4003529 = 00

## 6. Const. M. of U.C.B-II

TMB P-3, I-6

534.28 m<sup>3</sup> @ 3817.25/m<sup>3</sup> 2039480 = 00



| Particulars                                    | Details of actual measurement |   |   |                       | Contents of area |
|------------------------------------------------|-------------------------------|---|---|-----------------------|------------------|
|                                                | No.                           | L | B | D                     |                  |
| 7. Construction of<br>another channel of       |                               |   |   |                       |                  |
| TMB P - A, I-7                                 |                               |   |   |                       |                  |
| 1415.49 m <sup>2</sup> @ 176.58/m <sup>3</sup> |                               |   |   |                       | 2499.47 = 00     |
| 8. Filling excav. in ch.                       |                               |   |   |                       |                  |
| TMB P-7, I-8 - 62.52                           |                               |   |   |                       |                  |
| " P-8, I-13 - 59.52                            |                               |   |   |                       |                  |
|                                                |                               |   |   | 122.04 m <sup>3</sup> |                  |
| @ 269.32/m <sup>3</sup>                        |                               |   |   |                       | 32868 = 00       |
| 9. PCC M/S (1:2:5:5)                           |                               |   |   |                       |                  |
| TMB P-7, I-9 - 11.38                           |                               |   |   |                       |                  |
| " P-8, I-14 - 9.19                             |                               |   |   |                       |                  |
|                                                |                               |   |   | 20.57 m <sup>3</sup>  |                  |
| @ 5048.85/m <sup>3</sup>                       |                               |   |   |                       | 103855 = 00      |
| 10. Plain Reinforced                           |                               |   |   |                       |                  |
| TMB P-7, I-10 - 60.67                          |                               |   |   |                       |                  |
| " P-8, I-15 - 67.13                            |                               |   |   |                       |                  |
|                                                |                               |   |   | 127.80 m <sup>3</sup> |                  |
| @ 5842.29/m <sup>3</sup>                       |                               |   |   |                       | 746708 = 00      |
| 11. S/F/F 600 mm @ 11/3 HP.                    |                               |   |   |                       |                  |
| TMB P-7, I-11                                  |                               |   |   |                       |                  |
| 30 m @ 1032.96/m <sup>3</sup>                  |                               |   |   |                       | 309888 = 00      |
| 12. S/F/F 1000 mm @ 11/3 HP.                   |                               |   |   |                       |                  |
| TMB P-8, I-16                                  |                               |   |   |                       |                  |
| 15 m @ 3793.23/m <sup>3</sup>                  |                               |   |   |                       | 56898 = 00       |
| 13. Painting on parapet                        |                               |   |   |                       |                  |
| TMB P-7, I-17 - 49.92                          |                               |   |   |                       |                  |
| TMB P-8, I-18 - 41.28                          |                               |   |   |                       |                  |
|                                                |                               |   |   | 91.20 m <sup>2</sup>  |                  |
| @ 97.17/m <sup>2</sup>                         |                               |   |   |                       | 8864 = 00        |

Continuation

C = 8189596 = 00

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| Particulars | Details of actual measurement |     |    |    | Contents of area |
|-------------|-------------------------------|-----|----|----|------------------|
|             | No.                           | L   | B  | D  |                  |
|             |                               | BFB | 81 | 89 | 596 = 00         |

Added 13 1/2 WST

& labour less - (1) 1064647 = 00

59254243 = 00

deducted 10 1/2

as per agg (1) 925424 = 00

8328819 = 00

2.00  
09/4/21  
J.E

1.00  
01/1/21  
A.E

CSP

10/4/21  
10/4/21