

(M/R New Maintenance Policy-18) (Below :- 0.01%)

Agreement No:- 05 MBD/2019-20

Agreement Amount:- ₹ 643 115-79=00

## Measurement Book

Schedule XLV-Form No. 134

M/R:- "Belbhimra to Kaliyampur road tak  
Path nishman kalyuga".

Name of contractor:- Ashish Construction DIVISION

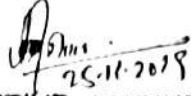
Date of commencement:- 25.11.2019

SUB-DIVISION

Date of completion :- 24.08.2020

M.B No:- 2095

अति प्रमाणित किया जाता है कि इस  
माप पुस्तक में (100) एक ही मापक  
पत्र है। MR New Maintenance  
Policy-18 योजनाओं में "Belkhima  
to Kaliyapur Road tak Path  
Nirman Kanya" हेतु अंतिम मापक  
अंशित, कार्य अंशित, - नारायण  
को निर्धारित किया जाता है।

  
25.11.2019  
EXECUTIVE ENGINEER  
R.W.D WORKS DIVISION  
Kharagpur-Tarapur (Munger)  
25.11.19 25/11/19

Sch, XLV-Form No. 134

Kharagpur-Tarapur DIVISION

Tarapur SUB-DIVISION

## Measurement Book

No. -2095

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_



# 1st on A/C Bill

1

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. |                  |
| Ch-14: - M/R (3054)     |                               |    |    |    |                  |
| Name of work: -         | M/R to Road                   |    |    |    |                  |
| from                    | Relbi hma to Palyanpur.       |    |    |    |                  |
| Agency: -               | Ashish Const. (P.O.P.)        |    |    |    | Ashish           |
| Ranjan, At: -           | Gola Road, Shadi Pur,         |    |    |    |                  |
| Dist: -                 | Mungra                        |    |    |    |                  |
| Agg. No: -              | OS MBD/2019-20                |    |    |    |                  |
| Date of Commencement: - | 25-11-2019                    |    |    |    |                  |
| Date of Completion: -   | 24-08-2020                    |    |    |    |                  |
| Agg. value Rs.          |                               |    |    |    |                  |

## Measurement

① clearing and grubbing Road Land - etc.

|                       |   |            |
|-----------------------|---|------------|
| 2 x 8.6 x 30m x 0.75m | = | 0.387 Hect |
| 2 x 1 x 20m x 0.75m   | = | 0.003 Hect |
|                       |   | 0.39 Hect  |

② Const. of Irregular Sub base (Gr-1) Grading-II etc.

|                            |   |                     |
|----------------------------|---|---------------------|
| 8 x 2.75m x 2.50m x 0.175m | = | 9.63 m <sup>3</sup> |
| 8 x 2.65m x 1.95m x 0.175m | = | 7.24 m <sup>3</sup> |
| 9 x 2.40m x 2.0m x 0.175m  | = | 7.56 m <sup>3</sup> |
| 5 x 1.85m x 0.95m x 0.175m | = | 1.54 m <sup>3</sup> |
| 5 x 1.50m x 0.85m x 0.175m | = | 1.12 m <sup>3</sup> |
| 2 x 1.40m x 1.20m x 0.175m | = | 0.59 m <sup>3</sup> |

27.68 m<sup>3</sup>

Continuation

C.O.

| Particulars                          | Details of actual measurement |    |    |    | Contents of area                         |
|--------------------------------------|-------------------------------|----|----|----|------------------------------------------|
|                                      | No.                           | L. | B. | D. |                                          |
| ① plv. Laying & spreading curd       |                               |    |    |    |                                          |
| Confining - stone metal W & m.       |                               |    |    |    |                                          |
| Cur - III - etc.                     |                               |    |    |    |                                          |
| 8 x 2.95m x 2.60m x 0.075m           |                               |    |    |    | 4.60m <sup>3</sup>                       |
| 8 x 2.85m x 2.5m x 0.075m            |                               |    |    |    | 3.42m <sup>3</sup>                       |
| 9 x 2.55m x 2.15m x 0.075m           |                               |    |    |    | 3.70m <sup>3</sup>                       |
| 5 x 2.10m x 1.10m x 0.075m           |                               |    |    |    | 0.87m <sup>3</sup>                       |
| 5 x 1.65m x 1.10m x 0.075m           |                               |    |    |    | 0.68m <sup>3</sup>                       |
| 2 x 1.50m x 1.30m x 0.075m           |                               |    |    |    | 0.29m <sup>3</sup>                       |
| 4 x 1.55m x 0.90m x 0.075m           |                               |    |    |    | 0.42m <sup>3</sup>                       |
| 9 x 1.35m x 1.30m x 0.075m           |                               |    |    |    | 1.18m <sup>3</sup>                       |
| 8 x 1.10m x 1.05m x 0.075m           |                               |    |    |    | 0.66m <sup>3</sup>                       |
| 8 x 2.25m x 2.0m x 0.075m            |                               |    |    |    | 2.70m <sup>3</sup>                       |
| 9 x 2.80m x 2.5m x 0.075m            |                               |    |    |    | 3.78m <sup>3</sup>                       |
| 8 x 2.95m x 2.15m x 0.075m           |                               |    |    |    | 3.72m <sup>3</sup>                       |
| 9 x 2.60m x 2.10m x 0.075m           |                               |    |    |    | 3.68m <sup>3</sup>                       |
| 12 x 2.50m x 2.30m x 0.075m          |                               |    |    |    | 5.17m <sup>3</sup>                       |
| 6 x 1.10m x 1.0m x 0.075m            |                               |    |    |    | 0.49m <sup>3</sup>                       |
| 11 x 2.0m x 1.35m x 0.075m           |                               |    |    |    | 2.23m <sup>3</sup>                       |
|                                      |                               |    |    |    | 37.59m <sup>3</sup>                      |
|                                      |                               |    |    |    | 21 m <sup>3</sup> 90 m <sup>3</sup> 2020 |
|                                      |                               |    |    |    | 161 5.6                                  |
| ① plv. of P. C. C. Pavement M20 etc. |                               |    |    |    |                                          |
| 1 x 6m x 5.30m + 3.75m x 0.10m       |                               |    |    |    | 2.71m <sup>3</sup>                       |
|                                      |                               | 2  |    |    |                                          |
| 9 x 3.0m x 3.75m x 0.10m             |                               |    |    |    | 10.125m <sup>3</sup>                     |
| 1 x 1.0m x 3.75m x 0.10m             |                               |    |    |    | 3.75m <sup>3</sup>                       |
|                                      |                               |    |    |    | 107.71m <sup>3</sup>                     |

Continuation

| Particulars                          | Details of actual measurement |                 |              |    | Contents of area      |
|--------------------------------------|-------------------------------|-----------------|--------------|----|-----------------------|
|                                      | No.                           | L.              | B.           | D. |                       |
|                                      |                               |                 | B.F. B + T = |    | 107.71 m <sup>2</sup> |
| 22x                                  | 30m                           | x 3.75m         | x 0.10m =    |    | 247.50 m <sup>2</sup> |
| 1x                                   | 17m                           | x 3.75m + 5.10m | x 0.10m =    |    | 7.52 m <sup>2</sup>   |
|                                      |                               | 2               |              |    |                       |
| 22x                                  | 30m                           | x 3.75m         | x 0.10m =    |    | 247.50 m <sup>2</sup> |
| 1x                                   | 27m                           | x 3.75m         | x 0.10m =    |    | 10.12 m <sup>2</sup>  |
|                                      |                               |                 |              |    | 620.35 m <sup>2</sup> |
|                                      |                               |                 |              |    |                       |
|                                      |                               |                 |              |    |                       |
|                                      |                               |                 |              |    |                       |
| ① plv. B of 1/2 masonry work in c.m. |                               |                 |              |    |                       |
| (1:3) for Ref of parapet etc.        |                               |                 |              |    |                       |
| 8x2x                                 | 5m                            | x 0.40m         | x 0.60m =    |    | 19.20 m <sup>2</sup>  |
|                                      |                               |                 |              |    |                       |
| ② Planting with c.m. (12m) etc.      |                               |                 |              |    |                       |
| 8x4x                                 | 5m                            | x 0.60m         | =            |    | 96.00 m <sup>2</sup>  |
| 8x2x                                 | 5m                            | x 0.40m         | =            |    | 32.00 m <sup>2</sup>  |
| 8x4x                                 | 0.40m                         | x 0.60m         | =            |    | 7.68 m <sup>2</sup>   |
|                                      |                               |                 |              |    | 135.68 m <sup>2</sup> |
| ③ Painting two coat over Plaster     |                               |                 |              |    |                       |
| D.P. vide T.m.B. and T.P.            |                               |                 |              |    |                       |
| D.No. ② = 135.68 m <sup>2</sup>      |                               |                 |              |    |                       |
|                                      |                               |                 |              |    |                       |
|                                      |                               |                 |              |    |                       |
| ④ plv. and apply 1st primer coat etc |                               |                 |              |    |                       |
| 8x2                                  | 4.5m                          | x 2.60m         | =            |    | 61.36 m <sup>2</sup>  |
| 8x2                                  | 8.5m                          | x 2.60m         | =            |    | 45.60 m <sup>2</sup>  |
| 9x                                   | 2.55m                         | x 2.15m         | =            |    | 49.34 m <sup>2</sup>  |
| 5x                                   | 2.10m                         | x 1.10m         | =            |    | 11.55 m <sup>2</sup>  |
|                                      |                               |                 |              |    | 167.85 m <sup>2</sup> |

Continuation

| Particulars                         | Details of actual measurement |       |       |       | Contents of area               |
|-------------------------------------|-------------------------------|-------|-------|-------|--------------------------------|
|                                     | No.                           | L.    | B.    | D.    |                                |
|                                     |                               |       | B.F   | B.F.  | 167.85m <sup>2</sup>           |
|                                     | 5X                            | 1.65m | X     | 1.10m | 9.07m <sup>2</sup>             |
|                                     | 2X                            | 1.50m | X     | 1.20m | 3.90m <sup>2</sup>             |
|                                     | 4X                            | 1.55m | X     | 0.90m | 5.58m <sup>2</sup>             |
|                                     | 9X                            | 1.35m | X     | 1.30m | 15.79m <sup>2</sup>            |
|                                     | 8X                            | 1.10m | X     | 1.0m  | 8.80m <sup>2</sup>             |
|                                     | 8X                            | 2.50m | X     | 2.0m  | 26.60m <sup>2</sup>            |
|                                     | 9X                            | 2.80m | X     | 2.0m  | 50.40m <sup>2</sup>            |
|                                     | 8X                            | 2.95m | X     | 2.10m | 49.56m <sup>2</sup>            |
|                                     | 9X                            | 2.60m | X     | 2.10m | 49.14m <sup>2</sup>            |
|                                     | 12X                           | 2.50m | X     | 2.30m | 69.00m <sup>2</sup>            |
|                                     | 6X                            | 1.10m | X     | 1.0m  | 6.60m <sup>2</sup>             |
|                                     | 11X                           | 2.0m  | X     | 1.35m | 29.70m <sup>2</sup>            |
|                                     |                               |       |       |       | <del>297.00m<sup>2</sup></del> |
|                                     |                               |       |       |       | 501.13m <sup>2</sup>           |
| (2) plv and applying tack coat      |                               |       |       |       |                                |
| - - - etc.                          |                               |       |       |       |                                |
| B.F. vide T.M.B. and T.F.           |                               |       |       |       |                                |
| T.M.B. (1) = 501.13m <sup>2</sup>   |                               |       |       |       |                                |
| (3) Patch work over W.B.M using mix |                               |       |       |       |                                |
| sand, slag, etc.                    |                               |       |       |       |                                |
| B.F. vide T.M.B. and T.F.           |                               |       |       |       |                                |
| T.M.B. (2) = 501.13m <sup>2</sup>   |                               |       |       |       |                                |
|                                     |                               |       |       |       | 271.08m <sup>2</sup>           |
|                                     |                               |       |       |       | 271.08m <sup>2</sup>           |
| (1) plv and applying tack           |                               |       |       |       |                                |
| coat - - - etc.                     |                               |       |       |       |                                |
| 8X                                  | 30m                           | X     | 3.75m |       | 900.00m <sup>2</sup>           |
|                                     |                               |       |       |       | 900.00m <sup>2</sup>           |

Continuation

Continuation

| Particulars                                                       | Details of actual measurement |     |    |    | Contents of area     |
|-------------------------------------------------------------------|-------------------------------|-----|----|----|----------------------|
|                                                                   | No.                           | L.  | B. | D. |                      |
| to Project - etc.                                                 |                               |     |    |    |                      |
| Logo of Project -                                                 |                               |     |    | =  | 1.7710               |
| City Zone Board                                                   |                               |     |    | =  | 1.7710               |
|                                                                   |                               |     |    |    | 2.7420               |
| ⑥ Printing New Letter and figure                                  |                               |     |    |    |                      |
| 2 x 176 =                                                         | 352                           | No. |    |    |                      |
| ⑦ Direction and place identification Sign Board - etc.            |                               |     |    |    |                      |
| 7 x 1.25m x 0.80m =                                               |                               |     |    |    | 6.72m <sup>2</sup>   |
| ⑧ Placing and fixing 600mm equalizer and Triangle Board 220 No.   |                               |     |    |    |                      |
| ⑨ 600mm Circular Board 28 No.                                     |                               |     |    |    |                      |
| ⑩ 800mm x 600mm Rectangular Board = 4 No.                         |                               |     |    |    |                      |
| ⑪ Road marking with Hot applied thermoplastic in B.T. Road - etc. |                               |     |    |    |                      |
| 2 x 8 x 30m x 0.10m =                                             |                               |     |    |    | 48.00m <sup>2</sup>  |
| 1 x 2 x 20m x 0.10m =                                             |                               |     |    |    | 4.00m <sup>2</sup>   |
| 2 x 23 x 30m x 0.10m =                                            |                               |     |    |    | 138.00m <sup>2</sup> |
|                                                                   |                               |     |    |    | 190.00m <sup>2</sup> |
| ⑫ Road marking on P.C.C. Road                                     |                               |     |    |    |                      |
| 2 x 9 x 30m x 0.10m =                                             |                               |     |    |    | 54.00m <sup>2</sup>  |
| 2 x 0.1 x 16m x 0.10m =                                           |                               |     |    |    | 3.20m <sup>2</sup>   |
| 2 x 22 x 30m x 0.10m =                                            |                               |     |    |    | 132.00m <sup>2</sup> |
| 2 x 1 x 17m x 0.10m =                                             |                               |     |    |    | 3.40m <sup>2</sup>   |
| 2 x 22 x 30m x 0.10m =                                            |                               |     |    |    | 132.00m <sup>2</sup> |
| 2 x 1 x 27m x 0.10m =                                             |                               |     |    |    | 5.40m <sup>2</sup>   |
|                                                                   |                               |     |    |    | 330.00m <sup>2</sup> |

Continuation

| Particulars                                                       | Details of actual measurement |    |    |    | Contents of area      |
|-------------------------------------------------------------------|-------------------------------|----|----|----|-----------------------|
|                                                                   | No.                           | L. | B. | D. |                       |
| (13) Laying of Reticular hard shoulder<br>solving --- etc.        |                               |    |    |    |                       |
| 2 x 9 x 30m x 0.50m =                                             |                               |    |    |    | 270.00m <sup>2</sup>  |
| 2 x 1 x 16m x 0.50m =                                             |                               |    |    |    | 16.00m <sup>2</sup>   |
| 2 x 22 x 30m x 0.50m =                                            |                               |    |    |    | 660.00m <sup>2</sup>  |
| 2 x 1 x 17m x 0.50m =                                             |                               |    |    |    | 17.00m <sup>2</sup>   |
| 2 x 22 x 30m x 0.50m =                                            |                               |    |    |    | 660.00m <sup>2</sup>  |
| 2 x 1 x 27m x 0.50m =                                             |                               |    |    |    | 27.00                 |
|                                                                   |                               |    |    |    | 1650.00m <sup>2</sup> |
| (14) Providing and fixing Road<br>studs 100 x 100mm dia etc       |                               |    |    |    |                       |
|                                                                   |                               |    |    |    | = 12 No x 12          |
|                                                                   |                               |    |    |    | = 144 No.             |
| (15) Supplying and installation<br>of delineators etc.            |                               |    |    |    |                       |
|                                                                   |                               |    |    |    | 12 x 5 = 60 No        |
| (16) Providing and fixing R.C.C. Boundary<br>Pillar etc = 100 No. |                               |    |    |    |                       |
| (17) Provision of Rumble strips etc.                              |                               |    |    |    |                       |
| (i) Road strips: —                                                |                               |    |    |    | 13 x 12 = 156 No.     |
| (ii) Road Marking Paint =                                         |                               |    |    |    |                       |
| 13 x 3 x 0.50 =                                                   |                               |    |    |    | 19.50m <sup>2</sup>   |
|                                                                   |                               |    |    |    | 71 m <sup>2</sup> sum |
|                                                                   |                               |    |    |    | 8/09/2020             |
|                                                                   |                               |    |    |    | 248                   |
|                                                                   |                               |    |    |    | R.V.D.                |
|                                                                   |                               |    |    |    | Tu 20/09              |
|                                                                   |                               |    |    |    |                       |
|                                                                   |                               |    |    |    |                       |
|                                                                   |                               |    |    |    |                       |
|                                                                   |                               |    |    |    |                       |

## Sch. XLV-Form No. 134

9

Measurement

① planting of Trees - 100

B + Y = 130 No

28/10/2020

07/06/2021

Continuation