

Agency - Ram Nandan Singh

MH 65P. (S.C) - Parisho Harmani

~~Sub-Station No. 1243~~

PC is the one

**PHAR P. W. D.**

E.E. R. W. D. W. W. D. W. W. D. **DIVISION**

The Agency **SID. DIVISION**

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**CHASURMENT. BOOK**

**16/2816**

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Certified That This M.B. Contain (100)  
Pages By Printers Machine And Issued  
To Sri. ~~Ramesh Chandra Khadwar~~ A.E. R.W.D.  
Work Sub-Div. ~~Aurangabad~~

*10/7/20*

Executive Engineer  
Rural Works Division, m  
Works Division, Aurangabad

*10/7/20*

Issued to Sri Ramesh Kumar  
Kidyarthi R.W.D. Section  
Aurangabad *10/7/2020*

Schedule XLV - Form No. 134.

EE A. A. A.

CHIEF.

A. Aurangabad

SUB-DIVISION.

MEASUREMENT BOOK.

211556 2840

Name of owner

Sri Ramesh Chandra Khadwar

Aurangabad

Date of first entry

Date of last entry

# Est on A/c B.Y.

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<br>area |
|----------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                  | No.                           | L. | B. | D. |                  |
| 1) Name of Work - Construction of Road from Pass to Haridoli Under M.H.S.Y. S.C. |                               |    |    |    |                  |
| 2) Agency - In Ram Nandan Singh                                                  |                               |    |    |    |                  |
| 3) Agreement No - 126 S.B.D/2000-4.                                              |                               |    |    |    |                  |
| 4) Agreement Amount -                                                            |                               |    |    |    |                  |
| 5) Date of Work Start - 31.7.2020                                                |                               |    |    |    |                  |
| Date of Entry - 25.12.020                                                        |                               |    |    |    |                  |
| 1) P/R Set up out pillar                                                         |                               |    |    |    |                  |
| B.M Pillar's -                                                                   |                               |    |    |    | 2 Nos.           |
| Reff. Pillar -                                                                   |                               |    |    |    | 4 Nos.           |

|                                                                                                     |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 2) P/R Clear up and grubbing Road land etc. etc. etc.                                               |  |  |  |  |  |
| 2x 30x30x 1.5 = 3780 m <sup>2</sup>                                                                 |  |  |  |  |  |
| = 0.378 Hect.                                                                                       |  |  |  |  |  |
| 3) Construction of Embankment with material obtained from Borrow pits etc. lead 100m etc. etc. etc. |  |  |  |  |  |
| 2x 30x30x 1.50 + 1.3 x 0.60 H.B.                                                                    |  |  |  |  |  |
| = 1881.60 m <sup>3</sup>                                                                            |  |  |  |  |  |
| 2x 25x 1.6 + 1.20 x 0.80 + 1.20                                                                     |  |  |  |  |  |
| = 70.54 m <sup>3</sup>                                                                              |  |  |  |  |  |
| Total 1951.60 m <sup>3</sup>                                                                        |  |  |  |  |  |
| 4) P/R and fixing M.H.S.Y. Informative Sign Board with Logo etc. Continuation                       |  |  |  |  |  |
| 2 Nos.                                                                                              |  |  |  |  |  |

| Particulars                                       | Details of actual measurement |   |   |   | Contents of area |
|---------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                   | No.                           | L | B | D |                  |
| 5) PW B/W Excavation                              |                               |   |   |   |                  |
| as for 600mm culverts                             |                               |   |   |   |                  |
| etc - do - TD                                     |                               |   |   |   |                  |
| 2x 3.90 x 1.15 x 1.5 = 13.455 m <sup>3</sup>      |                               |   |   |   |                  |
| 2 M. culverts - 2 x 13.455 = 26.91 m <sup>3</sup> |                               |   |   |   |                  |
| 6) PW P.C.C M. 15 w for                           |                               |   |   |   |                  |
| etc - do - TD                                     |                               |   |   |   |                  |
| 2x 3.90 x 1.15 x 0.15 = 1.35                      |                               |   |   |   |                  |
| 2 M. culverts - 2 x 1.35 = 2.70 m <sup>3</sup>    |                               |   |   |   |                  |
| 7) PW P.C.C M. 15 w sub                           |                               |   |   |   |                  |
| Structure etc - do - TD                           |                               |   |   |   |                  |
| 2x 3.6 x 1.00 x 0.80 x 1.35                       |                               |   |   |   |                  |
| = 8.748 m <sup>3</sup>                            |                               |   |   |   |                  |
| 2 M. culverts - 2 x 8.748 = 17.496 m <sup>3</sup> |                               |   |   |   |                  |
| 8) PW B/W in Excavation                           |                               |   |   |   |                  |
| as for etc - do - TD                              |                               |   |   |   |                  |
| 1x 5.35 x 1.13 x 0.32 = 2.237 m <sup>3</sup>      |                               |   |   |   |                  |
| 2 M. culverts - 2 x 2.232 = 4.474 m <sup>3</sup>  |                               |   |   |   |                  |
| 9) PW P.C.C M. 15 w open                          |                               |   |   |   |                  |
| for etc - do - TD                                 |                               |   |   |   |                  |
| 1x 5.32 x 1.13 x 2.25 = 1.51 m <sup>3</sup>       |                               |   |   |   |                  |
| 2 M. culverts - 2 x 1.51 = 3.02 m <sup>3</sup>    |                               |   |   |   |                  |
| 3) PW and layup MP, H.P.P                         |                               |   |   |   |                  |
| 600 mm $\phi$ etc - do - TD                       |                               |   |   |   |                  |
| 3x 2.5 = 7.5 m                                    |                               |   |   |   |                  |
| 2 M. culverts - 2 x 7.5 = 15.00 m                 |                               |   |   |   |                  |

Continuation

23/1/04  
OE Head

| Particulars                                                              | Details of actual measurement |   |   |   | Contents of area |
|--------------------------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                                          | No                            | L | B | D |                  |
| Date of Entry 4/07/07                                                    |                               |   |   |   |                  |
| 1) PN P.C.C. H-20 w' Sub                                                 |                               |   |   |   |                  |
| Structure etc. do - TB                                                   |                               |   |   |   |                  |
| 2x 3.6x 0.80 + 0.40 x 1.63 = 6.18M <sup>3</sup>                          |                               |   |   |   |                  |
| less pipe - do 0.2852 x (0.83) <sup>2</sup> x 0.53 = 0.524M <sup>3</sup> |                               |   |   |   |                  |
| Total 5.66M <sup>3</sup>                                                 |                               |   |   |   |                  |
| 2M. culvert - 2x 5.66 = 11.21M <sup>3</sup>                              |                               |   |   |   |                  |
| 2) PN P.C.C. in Excavation                                               |                               |   |   |   |                  |
| in for structure                                                         |                               |   |   |   |                  |
| 1000 mm $\phi$ culverts                                                  |                               |   |   |   |                  |
| etc. do - TB                                                             |                               |   |   |   |                  |
| 2x 6.45x 1.40x 1.50 = 27.09M <sup>3</sup>                                |                               |   |   |   |                  |
| 2M. culvert - 2x 27.09 = 54.18M <sup>3</sup>                             |                               |   |   |   |                  |
| 3) PN P.C.C. H-15 w' for                                                 |                               |   |   |   |                  |
| etc. do - TB                                                             |                               |   |   |   |                  |
| 2x 6.45x 1.40x 0.18 = 2.71M <sup>3</sup>                                 |                               |   |   |   |                  |
| 2M. culvert - 2x 2.71 = 5.42M <sup>3</sup>                               |                               |   |   |   |                  |
| 4) PN P.C.C. H-20 w' Sub                                                 |                               |   |   |   |                  |
| Structure etc. do - TB                                                   |                               |   |   |   |                  |
| 2x 6.18x 1.25 + 0.90 x 1.38 = 17.85M <sup>3</sup>                        |                               |   |   |   |                  |
| 2M. culvert - 2x 17.85 = 35.70M <sup>3</sup>                             |                               |   |   |   |                  |
| 5) PN Dismantalling of                                                   |                               |   |   |   |                  |
| Existing structure etc.                                                  |                               |   |   |   |                  |
| Concret cover etc.                                                       |                               |   |   |   |                  |
| 4x 2.6x 1.50 + 1.10 x 0.25 = 3.38M <sup>3</sup>                          |                               |   |   |   |                  |
| 6) PN Dismantalling of                                                   |                               |   |   |   |                  |
| Existing structure etc.                                                  |                               |   |   |   |                  |
| Concret Marker.                                                          |                               |   |   |   |                  |
| 4x 2.6x 1.5 + 1.10 x 4.5 = 60.84M <sup>3</sup>                           |                               |   |   |   |                  |
| 7) Removing of all type of                                               |                               |   |   |   |                  |
| H pipe continuation - TB                                                 |                               |   |   |   |                  |
| 8x 2.52220 m                                                             |                               |   |   |   |                  |

| Particulars                                                                     | Details of actual measurement |   |   |   | Contents of area |
|---------------------------------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                                                 | No.                           | L | B | D |                  |
| 8) PW and laying R.C.C                                                          |                               |   |   |   |                  |
| pipe dia 300 mm $\phi$                                                          |                               |   |   |   |                  |
| etc. etc. etc. - TI                                                             |                               |   |   |   |                  |
| 4 x 2.52 = 10 mt                                                                |                               |   |   |   |                  |
| 4 x 2.52 = 10 mt                                                                |                               |   |   |   |                  |
| 9) PW Construction of Sub.                                                      |                               |   |   |   |                  |
| grade and earthen shoulder                                                      |                               |   |   |   |                  |
| etc. etc. etc. - TI                                                             |                               |   |   |   |                  |
| $1 \times 36 \times 30 \times \frac{7.726 + 6.826}{2} \times 0.30 = 2357.4 m^3$ |                               |   |   |   |                  |
| 4/7/07                                                                          |                               |   |   |   |                  |
| 06/10/07                                                                        |                               |   |   |   |                  |

Date of Entry, 24.02.07

|                                                     |  |  |  |  |  |
|-----------------------------------------------------|--|--|--|--|--|
| 1) PW E/W Excavation w                              |  |  |  |  |  |
| 10' below pipe etc. TI                              |  |  |  |  |  |
| $1 \times 4.88 \times 1.83 \times 0.37 = 2.745 m^3$ |  |  |  |  |  |
| 2 x 2.745 = 5.49 $m^3$                              |  |  |  |  |  |
| 2) PW P.C.C 14.15 w open                            |  |  |  |  |  |
| 10' etc. etc. - TI                                  |  |  |  |  |  |
| $1 \times 4.93 \times 1.53 \times 0.28 = 1.886 m^3$ |  |  |  |  |  |
| 2 x 1.886 = 3.772 $m^3$                             |  |  |  |  |  |
| 3) PW and laying R.C.C 10                           |  |  |  |  |  |
| 1000 mm $\phi$ pipe etc. - TI                       |  |  |  |  |  |
| 3 x 2.8 = 7.8 mt                                    |  |  |  |  |  |
| 2 x 7.8 = 15.6 mt                                   |  |  |  |  |  |
| 4) PW P.C.C 14.15 w Sub.                            |  |  |  |  |  |
| structure etc. etc. - TI                            |  |  |  |  |  |
| $2 \times 6.15 \times 2.07 \times 1.83 = 14.63 m^3$ |  |  |  |  |  |
| 2 x 14.63 = 29.26 $m^3$                             |  |  |  |  |  |
| 2 x 13.153 = 26.31 $m^3$                            |  |  |  |  |  |
| Total 13.153 $m^3$                                  |  |  |  |  |  |

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

4) P.W. G.S.B. with grading  
Material etc. do TS  
 $36 \times 30 \times 4.05 \times 0.20 = 874.8 \text{ m}^3$

5) P.W. WBM gran. layer  
and Compaction etc. TS  
 $36 \times 30 \times 3.75 \times 0.075 = 303.75 \text{ m}^3$

24/02/2021

24/02/2021

24/02/2021

Assistant Engineer  
Rural Works Department  
Works Sub-Div. Aurangabad

### Abstract of Cost

1) P.W. and fixing of Workip  
B.M. and Ref. Pillars etc. TS  
i) B.M. Pillar Qty nide ①  
2 Nos @ Rs 3927.60/each = Rs 7855.20

ii) Ref. Pillar Qty nide ①  
4 Nos @ Rs 1780.35/each = Rs 7121.20

2) P.W. Construction of Embank-  
ment with material etc. do TS  
 $1951.60 \text{ m}^3$  Qty nide P-①  
@ Rs 131.03/m<sup>3</sup> = Rs 255718.20

3) P.W. Construction of Subgrade  
and earthen shoulders etc. TS  
 $2357.4 \text{ m}^3$  Qty nide P-①  
@ Rs 176.58/m<sup>3</sup> = Rs 416270.00

Continuation

Total Rs 6,86,964.20  
C/O

| Particulars                        | Details of actual measurement |   |   |   | Contents of area |
|------------------------------------|-------------------------------|---|---|---|------------------|
|                                    | No.                           | L | B | D |                  |
| 4) IN G.S.B. work grading          |                               |   |   |   | 878 686964 = 0   |
| Material etc. - do - TB            |                               |   |   |   |                  |
| 874.80 m <sup>3</sup> Qty vide P-5 |                               |   |   |   |                  |
| @ 2450.57/m <sup>3</sup>           |                               |   |   |   | 6214871520       |
| 5) IN WB M gr B layer              |                               |   |   |   |                  |
| Compaction etc. - do - TB          |                               |   |   |   |                  |
| 303.75 m <sup>3</sup> Qty vide P-5 |                               |   |   |   |                  |
| @ 3469.95/m <sup>3</sup>           |                               |   |   |   | 105399720        |
| 6) IN & fixing H455                |                               |   |   |   |                  |
| Informative sign board             |                               |   |   |   |                  |
| work logo etc. - do - TB           |                               |   |   |   |                  |
| 2 No. Qty vide P-1                 |                               |   |   |   |                  |
| @ 18238.77/each                    |                               |   |   |   | 1847720          |
| 7) IN & layer R.C.C pipe           |                               |   |   |   |                  |
| dust 300 mm & etc.                 |                               |   |   |   |                  |
| 40 mt Qty vide P-5                 |                               |   |   |   |                  |
| @ 888.30/mt                        |                               |   |   |   | 3553220          |
| 8) IN Dismantling of               |                               |   |   |   |                  |
| Existing Structure etc.            |                               |   |   |   |                  |
| Cement Concrete etc. TB            |                               |   |   |   |                  |
| 3.38 m <sup>3</sup> Qty vide P-5   |                               |   |   |   |                  |
| @ 484.74/m <sup>3</sup>            |                               |   |   |   | 1638 = 0         |
| 9) IN Dismantling of Existing      |                               |   |   |   |                  |
| Structure Cement Mortar etc.       |                               |   |   |   |                  |
| do - TB                            |                               |   |   |   |                  |
| 60.84 m <sup>3</sup> Qty vide P-5  |                               |   |   |   |                  |
| @ 231.77/m <sup>3</sup>            |                               |   |   |   | 1410720          |
| 10) IN Removal of H.P.P.           |                               |   |   |   |                  |
| etc. - do - TB                     |                               |   |   |   |                  |
| 20 mt Qty vide P-5                 |                               |   |   |   |                  |
| @ 236.39/mt                        |                               |   |   |   | 472720           |
| Continuation                       |                               |   |   |   |                  |
| Total                              |                               |   |   |   | 39591520         |
|                                    |                               |   |   |   | 0                |

| Particulars                                                | Details of actual measurement |   |   |   | Contents of area |
|------------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                            | No.                           | L | B | D |                  |
| 11) PW @/W en Excavation                                   |                               |   |   |   | 3959.15124       |
| as per plan - do TV                                        |                               |   |   |   |                  |
| 26.91 m <sup>3</sup> Qty n.d.p. - ②                        |                               |   |   |   |                  |
| 4.424 m <sup>3</sup> Qty n.d.p. - ③                        |                               |   |   |   |                  |
| 54.18 m <sup>3</sup> Qty n.d.p. - ③                        |                               |   |   |   |                  |
| 5.491 m <sup>3</sup> Qty n.d.p. - ④                        |                               |   |   |   |                  |
| 91.055 m <sup>3</sup> @ 289.32/m <sup>3</sup> - 2452320    |                               |   |   |   |                  |
| 12) PW R.C.C. M-18 in span                                 |                               |   |   |   |                  |
| as per plan - do TV                                        |                               |   |   |   |                  |
| 2.80 m <sup>3</sup> Qty n.d.p. - ②                         |                               |   |   |   |                  |
| 3.02 m <sup>3</sup> Qty n.d.p. - ②                         |                               |   |   |   |                  |
| 5.42 m <sup>3</sup> Qty n.d.p. - ③                         |                               |   |   |   |                  |
| 3.772 m <sup>3</sup> Qty n.d.p. - ④                        |                               |   |   |   |                  |
| 14.912 m <sup>3</sup> @ 4759.20/m <sup>3</sup> - 709802    |                               |   |   |   |                  |
| 13) PW R.C.C. M-20 in Sub                                  |                               |   |   |   |                  |
| Structure as per plan - do TV                              |                               |   |   |   |                  |
| 35.70 m <sup>3</sup> Qty n.d.p. - ③                        |                               |   |   |   |                  |
| 17.496 m <sup>3</sup> Qty n.d.p. - ④                       |                               |   |   |   |                  |
| 11.212 m <sup>3</sup> Qty n.d.p. - ③                       |                               |   |   |   |                  |
| 28.31 m <sup>3</sup> Qty n.d.p. - ④                        |                               |   |   |   |                  |
| 90.718 m <sup>3</sup> @ 5522.48/m <sup>3</sup> - 5,00,9882 |                               |   |   |   |                  |
| 14) PW R.C.C. M-20 H.P.P.                                  |                               |   |   |   |                  |
| 600 mm $\phi$ edge - do TV                                 |                               |   |   |   |                  |
| 15.0 mt Qty n.d.p. -                                       |                               |   |   |   |                  |
| @ 995.86/mt - 1493820                                      |                               |   |   |   |                  |
| 15) PW R.C.C. M-20 H.P.P.                                  |                               |   |   |   |                  |
| 1050 mm $\phi$ edge - do TV                                |                               |   |   |   |                  |
| 15.0 mt Qty n.d.p. -                                       |                               |   |   |   |                  |
| @ 3701.18/mt - 555182                                      |                               |   |   |   |                  |

Continuation

Total 46,26,0982

— C/O —

Sch. XLV-Form No. 134

8

| Particulars                    | Details of actual measurement |   |   |       | Contents of area                                                                         |
|--------------------------------|-------------------------------|---|---|-------|------------------------------------------------------------------------------------------|
|                                | No.                           | L | B | D     |                                                                                          |
| Add 12% GST & 1% LC            |                               |   |   | B/P   | 46,26,098=                                                                               |
|                                |                               |   |   |       | 661,593=                                                                                 |
| Deduct @ 10% as per agreement  |                               |   |   |       | 52,87,431=                                                                               |
|                                |                               |   |   |       | <del>52,87,431=</del>                                                                    |
|                                |                               |   |   |       | <del>46,26,098=</del>                                                                    |
|                                |                               |   |   | Total | 41,63,488=                                                                               |
|                                |                               |   |   |       | 47,58,742=                                                                               |
| <p>24/2/21</p> <p>OS. Abad</p> |                               |   |   |       | <p>24/02/2021</p>                                                                        |
| <p>C.B.P.</p> <p>25/2/21</p>   |                               |   |   |       | <p>Assistant Engineer</p> <p>Rural Works Department</p> <p>Works Sub-Div. Aurangabad</p> |