

अनु. २१ अन्तर्गत अनु. २१३

# Schedule XLV-Form No. 134

Executive Engineer  
R.W.D (W), Division

Anwal.

DIVISION

KURTHA

Kurthi

SUB-DIVISION

**MEASUREMENT BOOK**

६९६

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)

| Particulars                                                                            | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                        | No.                           | L. | B. | D. |                  |
| <u>1st Envy Bill</u>                                                                   |                               |    |    |    |                  |
| N/O:- Construction of road from Tak, to Kingar Kurtha Road (under m. g. S. Y. 180)     |                               |    |    |    |                  |
| Agency:- Shri Arvind Kumar                                                             |                               |    |    |    |                  |
| Agreement No:- 11/S.B.D/P.M.G.S.Y/2020-2021                                            |                               |    |    |    |                  |
| Date of Commencement:- 13-07-2020                                                      |                               |    |    |    |                  |
| Date of Completion:- 31/01/2021                                                        |                               |    |    |    |                  |
| Date of Measurement:- 03/02/2021                                                       |                               |    |    |    |                  |
| <u>Item 1:- Providing &amp; fixing of an iron pillar</u>                               |                               |    |    |    |                  |
| - do - do - all complete job = 1 No                                                    |                               |    |    |    |                  |
| <u>Item 2:- Providing &amp; fixing of a ferrous pillar</u>                             |                               |    |    |    |                  |
| - do - do - all complete job = 3 Nos                                                   |                               |    |    |    |                  |
| <u>Item 3:- Clearing &amp; grubbing road land</u>                                      |                               |    |    |    |                  |
| - do - do - all complete job                                                           |                               |    |    |    |                  |
| $22 \times 30 \text{ m} \times 3.50 = 2310 = 2310 \text{ m}^2$                         |                               |    |    |    |                  |
| $= 0.231 \text{ Hect}$                                                                 |                               |    |    |    |                  |
| <u>Item 4:- Excavation of soil by hydraulic excavator - do - do - all complete job</u> |                               |    |    |    |                  |
| $2 \times 12 \times 30 \text{ m} \times 0.375 \times 0.10 = 27.00 \text{ m}^3$         |                               |    |    |    |                  |
| $2 \times 5 \times 30 \text{ m} \times 0.375 \times 0.175 = 15.46 \text{ m}^3$         |                               |    |    |    |                  |
| $2 \times 1 \times 20 \text{ m} \times 0.375 \times 0.125 = 2.62 \text{ m}^3$          |                               |    |    |    |                  |
| $= 45.08 \text{ m}^3$                                                                  |                               |    |    |    |                  |
| <u>Item 5:- Construction of embankment</u>                                             |                               |    |    |    |                  |

Continuation

Continuation

| Particulars                                                                                                                         | Details of actual measurement |   |   | Contents of area          |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|---------------------------|
|                                                                                                                                     | No                            | L | B |                           |
| Item 17: Providing road Marking - do -<br>- do - all complete job.                                                                  |                               |   |   |                           |
| = 132.00 m <sup>3</sup> @ 735.48/m <sup>3</sup> Rs. 97,078 = rs                                                                     |                               |   |   |                           |
| Item 18: 18" in excavation in foundation<br>- do - do - all complete job                                                            |                               |   |   |                           |
| = 37.21 m <sup>3</sup> @ 219.32/m <sup>3</sup> Rs. 10,035 = rs                                                                      |                               |   |   |                           |
| Item 19: Providing Bedding - do - do -<br>all complete job                                                                          |                               |   |   |                           |
| = 4.26 m <sup>3</sup> @ 453.25/m <sup>3</sup> Rs. 1931 = rs                                                                         |                               |   |   |                           |
| Item 20: Providing P.C.C. m-15 - do -<br>- do - all complete job.                                                                   |                               |   |   |                           |
| = 3.24 m <sup>3</sup> @ 3977.29/m <sup>3</sup> Rs. 12,952 = rs                                                                      |                               |   |   |                           |
| Item 21: Providing P.C.C. with c.m (1:1:4)<br>- do - do - all complete job.                                                         |                               |   |   |                           |
| = 28.04 m <sup>3</sup> @ 5444.18/m <sup>3</sup> Rs. 1,52,655 = rs                                                                   |                               |   |   |                           |
| Item 22: Providing & Laying 600 mm P.H.P. 34 Pipes<br>= 15.00 m @ 2603.24/m Rs. 39,049 = rs                                         |                               |   |   |                           |
| Item 23: Providing C.P. with c.m (1:1:4) - do - do -<br>= 28.04 m <sup>2</sup> @ 139.80/m <sup>2</sup> 3,920 = rs                   |                               |   |   |                           |
| Item 24: Providing Putting Two coat - do - do -<br>= 28.04 m <sup>2</sup> @ 125.04/m <sup>2</sup> Rs. 3590.00<br>Rs. 35,16,675 = rs |                               |   |   |                           |
| Add. 12% G.S.T. - - - - - + 4,22,001 = rs                                                                                           |                               |   |   |                           |
| Add. 1% Labour cess - - - - - + 35,167 = rs                                                                                         |                               |   |   |                           |
| Less 1.56% as per contract - - - - - Rs. 39,73,943 = rs                                                                             |                               |   |   |                           |
|                                                                                                                                     |                               |   |   | 61,492 = rs               |
|                                                                                                                                     |                               |   |   | <b>Rs. 39,11,851 = rs</b> |

Jadav  
03/02/21 Continuation  
J.F.

| Particulars                                                         | Details of actual measurement |   |    | Contents of area |
|---------------------------------------------------------------------|-------------------------------|---|----|------------------|
|                                                                     | No.                           | L | B. |                  |
| <u>Abstract of Cost</u>                                             |                               |   |    |                  |
| <u>It-1: Providing &amp; fixing Base &amp; main pillar</u>          |                               |   |    |                  |
| - do - do - all complete job.                                       |                               |   |    |                  |
| = 1 Nos @ 3513.97/cust. - Rs. 3514 = ∞                              |                               |   |    |                  |
| <u>It-2: Providing &amp; fixing Reference pillar</u>                |                               |   |    |                  |
| - do - do - all complete job.                                       |                               |   |    |                  |
| = 3 Nos @ 1593.55/each. Rs. 4,781 = ∞                               |                               |   |    |                  |
| <u>It-3: Clearing &amp; grading road land</u>                       |                               |   |    |                  |
| - do - do - all complete job.                                       |                               |   |    |                  |
| = 0.23 Hae @ 5123.76/Hae Rs. 11812 = ∞                              |                               |   |    |                  |
| <u>It-4: Excavation of said by Hydraulic Excavator</u>              |                               |   |    |                  |
| - do - do - 1/15                                                    |                               |   |    |                  |
| = 45.35 m <sup>3</sup> @ 74.11/m <sup>3</sup> - Rs. 3365 = ∞        |                               |   |    |                  |
| <u>It-5: Construction of embankment</u>                             |                               |   |    |                  |
| - do - do - as per direction of EIT                                 |                               |   |    |                  |
| (i) 1000 m Lead.                                                    |                               |   |    |                  |
| = 133.341 m <sup>3</sup> @ 175.92/m <sup>3</sup> Rs. 23,364 = ∞     |                               |   |    |                  |
| (ii) 100 m Lead.                                                    |                               |   |    |                  |
| = 311.129 m <sup>3</sup> @ 139.85/m <sup>3</sup> Rs. 43,511 = ∞     |                               |   |    |                  |
| <u>It-6: Construction of subgrade earth shoulder</u>                |                               |   |    |                  |
| - do - do - EIT                                                     |                               |   |    |                  |
| = 605.22 m <sup>3</sup> @ 176.86/m <sup>3</sup> - Rs. 1,07,039 = ∞  |                               |   |    |                  |
| <u>It-7: Construction of G.S.B Grading</u>                          |                               |   |    |                  |
| - do - do - all complete job.                                       |                               |   |    |                  |
| = 110.04 m <sup>3</sup> @ 1831.89/m <sup>3</sup> - Rs. 2,01,581 = ∞ |                               |   |    |                  |

Continuation

Rs. - 3,98,967 = ∞

| Particulars                                                               | Details of actual measurement |   |   |   | Contents of area |
|---------------------------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                                           | No.                           | L | B | D |                  |
| It-8:- Providing C.C. 10 Grade III - do -                                 |                               |   |   |   |                  |
| - do - all complete job                                                   |                               |   |   |   |                  |
| = 157.01 m <sup>2</sup> @ 2485.35/m <sup>2</sup> Rs. 390,346 = rs         |                               |   |   |   |                  |
| It-9:- Providing P.C.C. M-30 Pavement - do - do - all complete job        |                               |   |   |   |                  |
| = 403.92 m <sup>2</sup> @ 5814.44/m <sup>2</sup> Rs. 2,16,805 = rs        |                               |   |   |   |                  |
| It-10:- Providing Keying Brick along on edge - do - do - all complete job |                               |   |   |   |                  |
| = 33.00 m <sup>2</sup> @ 478.17/m <sup>2</sup> Rs. 1,56,311 = rs          |                               |   |   |   |                  |
| It-11:- Providing 200 mm. S.F. - do - do - all complete job               |                               |   |   |   |                  |
| = 2 Nos @ 1877.75/each Rs. 3756 = rs                                      |                               |   |   |   |                  |
| It-12:- Providing 200 mm. S.F. - do - do - all complete job               |                               |   |   |   |                  |
| = 3 Nos @ 532.06/each Rs. 1596 = rs                                       |                               |   |   |   |                  |
| It-13:- Providing 150 mm. S.F. - do - do - all complete job               |                               |   |   |   |                  |
| = 2 Nos @ 9027.48/each Rs. 18055 = rs                                     |                               |   |   |   |                  |
| It-14:- Providing Traffic Sign - do - do -                                |                               |   |   |   |                  |
| = 6 Nos @ 3794.16/each Rs. 22,765 = rs                                    |                               |   |   |   |                  |
| It-15:- Providing Traffic Sign - do - do -                                |                               |   |   |   |                  |
| (i) 600 mm. circular - do - do - all complete job                         |                               |   |   |   |                  |
| = 4 Nos @ 4945.76/each Rs. 19783 = rs                                     |                               |   |   |   |                  |
| (ii) 600 mm. x 450 mm. rectangular - do - do - all complete job           |                               |   |   |   |                  |
| = 2 Nos @ 4805.96/each Rs. 9612 = rs                                      |                               |   |   |   |                  |
| It-16:- Providing Boundary Pillars - do - do - all complete job           |                               |   |   |   |                  |
| = 8 Nos @ 513.96/each Rs. 4112 = rs                                       |                               |   |   |   |                  |

Continuation

$$R_4, 31,91,808 = r$$

| Particulars                                                    | Details of actual measurement |   |   | Contents of area   |
|----------------------------------------------------------------|-------------------------------|---|---|--------------------|
|                                                                | No.                           | L | B |                    |
| Item 1: Providing road Marking - do -                          |                               |   |   |                    |
| do - all complete job.                                         |                               |   |   |                    |
| = $132.00 \text{ m}^3 @ 735.44/\text{m}^3$ - Rs - 97,178 = m   |                               |   |   |                    |
| Item 10: Providing & laying 6 cm m.p.N.P. 34 Pcb -             |                               |   |   |                    |
| do - do - all complete job                                     |                               |   |   |                    |
| = $37.21 \text{ m}^3 @ 299.73/\text{m}^3$ - Rs - 10,935 = m    |                               |   |   |                    |
| Item 19: Providing Paving - do - do -                          |                               |   |   |                    |
| all complete job                                               |                               |   |   |                    |
| = $4.26 \text{ m}^3 @ 453.26/\text{m}^3$ - Rs - 1931 = m       |                               |   |   |                    |
| Item 20: Providing P.C.C m-15 - do -                           |                               |   |   |                    |
| do - all complete job.                                         |                               |   |   |                    |
| = $3.24 \text{ m}^3 @ 3997.23/\text{m}^3$ - Rs - 12,952 = m    |                               |   |   |                    |
| Item 21: Providing P.C.C with c.m (1:1:4)                      |                               |   |   |                    |
| do - do - all complete job.                                    |                               |   |   |                    |
| = $28.04 \text{ m}^3 @ 5444.18/\text{m}^3$ - Rs - 1,52,655 = m |                               |   |   |                    |
| Item 22: Providing & Laying 6 cm m.p.N.P. 34 Pcb -             |                               |   |   |                    |
| = $15.00 \text{ m} @ 2603.24/\text{m}$ - Rs - 39,049 = m       |                               |   |   |                    |
| Item 23: Providing c.p. with c.m (1:1:4) - do - do -           |                               |   |   |                    |
| = $28.04 \text{ m}^3 @ 139.80/\text{m}^2$ - Rs - 3,920 = m     |                               |   |   |                    |
| Item 24: Providing Painting Two coat - do - do -               |                               |   |   |                    |
| = $28.04 \text{ m}^2 @ 128.04/\text{m}^2$ - Rs - 3590 = m      |                               |   |   |                    |
|                                                                |                               |   |   | Rs - 35,16,675 = m |
| Add: 12% G.S.T -                                               |                               |   |   | + 4,22,001 = m     |
| Add: 1% Labour cess -                                          |                               |   |   | + 35,167 = m       |
|                                                                |                               |   |   | Rs - 39,73,843 = m |
| Less 1.56% as per contract (-)                                 |                               |   |   | 61,992 = m         |
|                                                                |                               |   |   | Rs - 39,11,851 = m |

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03/02/2021 Continuation  
J.F.