

MMGSY(Awsegh) NDB/23-24

Page No: - MMGSY(Awsegh) NDB - BRP-2-97 Tekari

**Schedule XLY Form No. 134.**

*Rakasiya Noni Road to Rauldas to la Mathiya*

TIKARI

E. E. R. W. D

DIVISION

A. E. R. W. D

SUB-DIVISION

TIKARI

**Measurement Book**

SHANJAY KUMAR SIMRAHLA

1054

# 1st and final 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 measurement relating to each work)

| Particulars                     | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------|-------------------------------|----|----|----|------------------|
|                                 | No.                           | L. | B. | D. |                  |
| Name of work- Rakasiya          |                               |    |    |    |                  |
| Noni road to Ravidas            |                               |    |    |    |                  |
| tola malheya                    |                               |    |    |    |                  |
| Agency- Sanjay Kumar            |                               |    |    |    |                  |
| Agreement no- 20 mmusy (Awseoh) |                               |    |    |    |                  |
| NDB/ 2023-24                    |                               |    |    |    |                  |
| Date of starting work- 05/01/24 |                               |    |    |    |                  |
| Date of completion- 04/01/25    |                               |    |    |    |                  |

## Measurement

① Setting out pillars

do —  
 (A) Bench mark pillars- 1 No.  
 (B) Reference pillar — 1 No.

② clearing & grubbing

road land — do —

$$2 \times 372 \times 0.75 = 558 \text{ m}^2$$

$$= \frac{558}{10000} = 0.0558 \text{ hect}$$

$$\therefore \text{amt} = 0.0558 \text{ hect}$$

③ Box cutting  
 Excavation for roadway  
 in soil — do —

$$2 \times 372 \times 0.350 \times 0.10 = 26.04 \text{ m}^3$$

Continuation



# Abstract of cost

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Sch. XLV-Form No. 134

| Particulars                               | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------|-------------------------------|----|----|----|------------------|
|                                           | No.                           | L. | B. | D. |                  |
| (1) Setting out pillars                   |                               |    |    |    |                  |
| (A) Bench mark pillar                     |                               |    |    |    |                  |
| do                                        |                               |    |    |    |                  |
| amt = 1 No. P- (1)                        |                               |    |    |    |                  |
| item - 1(A) @ Rs 4315.03 =                |                               |    |    |    | Rs 4315 =        |
| (B) Reference pillar                      |                               |    |    |    |                  |
| do                                        |                               |    |    |    |                  |
| amt = 1 No. P- (1)                        |                               |    |    |    |                  |
| item - 1(B) @ Rs 1987.812                 |                               |    |    |    | Rs 1988 =        |
| (2) clearing & grubbing                   |                               |    |    |    |                  |
| road land - do -                          |                               |    |    |    |                  |
| amt = 0.0558 hect                         |                               |    |    |    |                  |
| P- (1) item - (2)                         |                               |    |    |    |                  |
| @ Rs 75594.29 =                           |                               |    |    |    | Rs 4218 =        |
| (3) Box cutting                           |                               |    |    |    |                  |
| do                                        |                               |    |    |    |                  |
| amt = 26.04 m <sup>3</sup> P- (1)         |                               |    |    |    |                  |
| item - (3) @ Rs 186.85 =                  |                               |    |    |    | Rs 4866 =        |
| (4) const. of embankment                  |                               |    |    |    |                  |
| with material                             |                               |    |    |    |                  |
| do                                        |                               |    |    |    |                  |
| amt = 174.12 m <sup>3</sup> P- (2)        |                               |    |    |    |                  |
| item - (4) @ Rs 258.63 =                  |                               |    |    |    | Rs 45033 =       |
| (5) const. of subgrade & earthen shoulder |                               |    |    |    |                  |
| do                                        |                               |    |    |    |                  |
| amt = 150.37 m <sup>3</sup> P- (2)        |                               |    |    |    |                  |
| item - (5) @ Rs 313/m <sup>3</sup> =      |                               |    |    |    | Rs 47066 =       |

Continuation

| Particulars                                                        | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                    | No.                           | L. | B. | D. |                  |
| (6) Const. of granular subbase — do —                              |                               |    |    |    |                  |
| amt = 34.0 m <sup>3</sup> P-(2)                                    |                               |    |    |    |                  |
| itm - (6) @ Rs 1880.81                                             |                               |    |    |    |                  |
|                                                                    |                               |    |    |    | Rs 63948=        |
| (7) WBM gr. - III — do —                                           |                               |    |    |    |                  |
| amt = 106.720 m <sup>3</sup> P-(2)                                 |                               |    |    |    |                  |
| itm - (7) @ Rs 3232.63=                                            |                               |    |    |    |                  |
|                                                                    |                               |    |    |    | Rs 344986=       |
| (8) Const. of un-reinforced plain cement concrete pavement — do —  |                               |    |    |    |                  |
| amt = 227.66 m <sup>3</sup> P-(3)                                  |                               |    |    |    |                  |
| itm - (8) @ Rs 6767.12=                                            |                               |    |    |    |                  |
|                                                                    |                               |    |    |    | Rs 1540603=      |
| (9) Providing & laying of a reinforced cement concrete pipe — do — |                               |    |    |    |                  |
| amt = 15m P-(3)                                                    |                               |    |    |    |                  |
| itm - (9) @ Rs 992.47=                                             |                               |    |    |    |                  |
|                                                                    |                               |    |    |    | Rs 14887=        |
| (10) Hard shouldering — do —                                       |                               |    |    |    |                  |
| amt = 175 m <sup>2</sup> P-(3)                                     |                               |    |    |    |                  |
| itm - (10) @ Rs 499.83=                                            |                               |    |    |    |                  |
|                                                                    |                               |    |    |    | Rs 87470=        |

Continuation

| Particulars                             | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------|-------------------------------|----|----|----|------------------|
|                                         | No.                           | L. | B. | D. |                  |
| (11) Boundary pillar<br>do              |                               |    |    |    |                  |
| amt = 32 No. P- (3)                     |                               |    |    |    |                  |
| chm - (11) @ Rs 726 = Rs 23232 =        |                               |    |    |    |                  |
| (12) Kilometer stone                    |                               |    |    |    |                  |
| (i) Km stone                            |                               |    |    |    |                  |
| amt = 2 No. P- (3)                      |                               |    |    |    |                  |
| chm - 12 (i) @ Rs 2611.29               |                               |    |    |    |                  |
| = Rs 5223 =                             |                               |    |    |    |                  |
| (ii) 200 m stone                        |                               |    |    |    |                  |
| amt = 1 No. P- (3)                      |                               |    |    |    |                  |
| chm - 12 (ii)                           |                               |    |    |    |                  |
| @ Rs 763.02 = Rs 763 =                  |                               |    |    |    |                  |
| (13) Retro-reflectorized traffic sign   |                               |    |    |    |                  |
| (i) 600 mm equilateral                  |                               |    |    |    |                  |
| amt = 11 No. P- (3)                     |                               |    |    |    |                  |
| chm - 13 (i) @ Rs 4376.43               |                               |    |    |    |                  |
| = Rs 48141 =                            |                               |    |    |    |                  |
| (ii) 600 mm circular board              |                               |    |    |    |                  |
| do                                      |                               |    |    |    |                  |
| amt = 8 No. P- (3)                      |                               |    |    |    |                  |
| chm - 13 (ii) @ Rs 5782.88              |                               |    |    |    |                  |
| = Rs 46263 =                            |                               |    |    |    |                  |
| (iii) 600 mm x 450 mm rectangular board |                               |    |    |    |                  |
| do                                      |                               |    |    |    |                  |
| amt = 4 No. P- (3)                      |                               |    |    |    |                  |
| chm - 13 (iii) @ Rs 5638.92             |                               |    |    |    |                  |
| = Rs 22556                              |                               |    |    |    |                  |

Continuation

| Particulars                                                                     | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                 | No.                           | L. | B. | D. |                  |
| (14) Road marking with<br>hot applied Thermo-<br>plastic compound<br>do         |                               |    |    |    |                  |
| amt = 74.40 m <sup>2</sup> P- (4)                                               |                               |    |    |    |                  |
| ctm - (14) @ Rs 744.78                                                          |                               |    |    |    |                  |
|                                                                                 |                               |    |    |    | = Rs 55412=      |
| (15) Providing & fixing<br>of typical masonry<br>informatory sign<br>board - do |                               |    |    |    |                  |
| amt = 4 No. P- (4)                                                              |                               |    |    |    |                  |
| ctm - (15) @ Rs 11177.13                                                        |                               |    |    |    |                  |
|                                                                                 |                               |    |    |    | = Rs 44709=      |
| (16) Earthwork in excavation<br>do                                              |                               |    |    |    |                  |
| amt = 99.426 m <sup>3</sup> P- (4)                                              |                               |    |    |    |                  |
| ctm - (16) @ Rs 398.60 =                                                        |                               |    |    |    | Rs 39631=        |
| (17) Sand filling in found.<br>Trenches - do                                    |                               |    |    |    |                  |
| amt = 1.639 m <sup>3</sup> P- (4)                                               |                               |    |    |    |                  |
| ctm - (17) @ Rs 526.32 =                                                        |                               |    |    |    | Rs 863=          |
| (18) Providing PCC m-15<br>concrete in open<br>found - do                       |                               |    |    |    |                  |
| amt = 13.665 m <sup>3</sup> P- (4)                                              |                               |    |    |    |                  |
| ctm - (18) @ Rs 5614.05 =                                                       |                               |    |    |    | Rs 77536=        |

Continuation

| Particulars                                                                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                            | No.                           | L. | B. | D. |                  |
| (19) Providing concrete for plain/reinforced M-20 in open found.           |                               |    |    |    |                  |
| do                                                                         |                               |    |    |    |                  |
| amt = 56.320 m <sup>3</sup> P- (5)                                         |                               |    |    |    |                  |
| itm - (19) @ Rs 60                                                         |                               |    |    |    | 68.42 =          |
|                                                                            |                               |    |    |    | Rs 341773 =      |
| (20) Plain/reinforced cement concrete M-20 in substructure - do            |                               |    |    |    |                  |
| amt = 39.394 m <sup>3</sup> P- (5)                                         |                               |    |    |    |                  |
| itm - (20) @ Rs 1                                                          |                               |    |    |    |                  |
| amt = 4.428 m <sup>3</sup> P- (5)                                          |                               |    |    |    |                  |
| itm - (21)                                                                 |                               |    |    |    |                  |
| = 39.394 + 4.428                                                           |                               |    |    |    |                  |
| = 43.822 m <sup>3</sup> @ Rs 6561.14                                       |                               |    |    |    |                  |
|                                                                            |                               |    |    |    | = Rs 287522 =    |
| (21) Providing bitumen painting over top surface                           |                               |    |    |    |                  |
| amt = 15.0 m <sup>2</sup> P- (5)                                           |                               |    |    |    |                  |
| itm - (21) @ Rs 16.60                                                      |                               |    |    |    | Rs 249 =         |
| (22) Providing & laying reinforced cement concrete in super structure - do |                               |    |    |    |                  |
| amt = 6.885 m <sup>3</sup> P- (6)                                          |                               |    |    |    |                  |
| itm - (23) @ Rs 772                                                        |                               |    |    |    | 5.10 =           |
|                                                                            |                               |    |    |    | Rs 53187 =       |

Continuation

| Particulars                                           | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                       | No.                           | L. | B. | D. |                  |
| (23) Supplying, fitting & placing HYSD bar<br>do      |                               |    |    |    |                  |
| ant = 0.916 MT P- (6)                                 |                               |    |    |    |                  |
| chm - (24) @ Rs 7660                                  |                               |    |    |    | 1.80             |
|                                                       |                               |    |    |    | = Rs 70167 =     |
| (24) Providing & fitting joint sealing compound<br>do |                               |    |    |    |                  |
| ant = 1.5 Rm P- (6)                                   |                               |    |    |    |                  |
| chm - (25) @ Rs 55                                    |                               |    |    |    | 1.72             |
|                                                       |                               |    |    |    | Rs 8282          |
| (25) Plain reinforced cement concrete M-20<br>do      |                               |    |    |    |                  |
| ant = 1.872 m <sup>3</sup> P- (6)                     |                               |    |    |    |                  |
| chm - (26) @ Rs 6561                                  |                               |    |    |    | 1.14             |
|                                                       |                               |    |    |    | = Rs 122822      |
| (26) Supplying, fitting and placing HYSD bar<br>do    |                               |    |    |    |                  |
| ant = 0.486 MT P- (7)                                 |                               |    |    |    |                  |
| chm - (27) @ Rs 74870                                 |                               |    |    |    | 32               |
|                                                       |                               |    |    |    | = Rs 36369 =     |
| (27) Painting two coats on new concrete surface<br>do |                               |    |    |    |                  |
| ant = 71.783 m <sup>2</sup> P- (7)                    |                               |    |    |    |                  |
| chm - (28) @ Rs 136                                   |                               |    |    |    | 20 =             |
|                                                       |                               |    |    |    | Rs 9777 =        |

Continuation

Continuation