

{MR-N/19-20 BAIS/06} [02MBD/2019-20]

Ag.No: 38098659

Sahangan to Riyarpara

Schedule XLV-Form No.-134

Executive Engineer  
R.W.D. Works Division

Baisi (1923)

DIVISION

Amour

SUB-DIVISION

**MEASUREMENT BOOK**

956

Suraj Kumar Biswas.

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

## RECORD ENTRY

1/33 providing and laying Boulder apron for bed protection -- do --

$$U/S \quad 3 \times 3m \times 0.6m \times 5.4m = 5.4m^3$$

$$D/S \quad 6 \times 3m \times 0.6m = 10.80m^3$$

$$16.20m^3$$

2/09 providing and laying S.D.R.C  
-- do --

Qty for curve :-

Extra Widening :-

$$CH-1250-1 \times 9 \times \left[ \frac{3.75 + 4.25 + 6.25 + 3.75}{4} - 3.75 \right] \times 0.075m = 0.075m^3$$

$$CH-9490-1 \times 6 \times \left[ \frac{3.75 + 5.25 + 6.25 + 3.75}{4} - 3.75 \right] \times 0.075m = 0.28125m^3$$

$$CH-4725-1 \times 13 \times \left[ \frac{3.75 + 8.25 + 3.75}{3} - 3.75 \right] \times 0.075 = 1.4625m^3$$

$$CH-4597-1 \times 9 \times \left[ \frac{3.75 + 13.25 + 3.75}{3} - 3.75 \right] \times 0.075 = 2.1375m^3$$

$$CH-580-1 \times 6 \times \left[ \frac{3.75 + 9.50 + 3.75}{3} - 3.75 \right] \times 0.075 = 0.8625m^3$$

$$CH-1235-1 \times 9 \times \left[ \frac{3.75 + 12.25 + 3.75}{3} - 3.75 \right] \times 0.075m = 1.9125m^3$$

Continuation



| Particulars                      | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------|-------------------------------|----|----|----|------------------|
|                                  | No.                           | L. | B. | D. |                  |
| <del>COST OF</del>               |                               |    |    |    |                  |
| ABSTRACT OF COST                 |                               |    |    |    |                  |
| N/W - Shahayganj to Tiyarpara    |                               |    |    |    |                  |
| Package no: - MRN/19-20 Baisi/06 |                               |    |    |    |                  |
| Agency: - Suraj Kumar Bicharis   |                               |    |    |    |                  |
| At Prathama Amour                |                               |    |    |    |                  |
| Agreement no: - 04/MRD/2019-20   |                               |    |    |    |                  |
| Date of Commencement: -          |                               |    |    |    |                  |
| Stipulated date of Completion: - |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |
|                                  |                               |    |    |    |                  |

(1) clearing and grubbing Road  
Land --- do ---

Qty - 1.45 Hec P-54

@ Rs 55931.20/Hec Rs 81100 = 00

(2) Construction of Subgrade and  
Carthen Shoulder --- do ---

Qty - 6507 m<sup>3</sup> P-54

@ Rs 199.96/m<sup>3</sup> Rs 1301140 = 00

(3/3) Construction of G.S.B by providing  
well graded material --- do ---

Qty - 887.51 m<sup>3</sup> P-54

@ Rs 2859.38/m<sup>3</sup> Rs 2537728 = 00

(4/4) providing laying & Compacting W.B.M  
(grading - 2) --- do ---

Qty - 552.88 m<sup>3</sup> P-54

@ Rs 5329.03/m<sup>3</sup> Rs 29,46,314 = 00

Continuation

| Particulars                                                                       | Details of actual measurement |    |      |    | Contents of area |
|-----------------------------------------------------------------------------------|-------------------------------|----|------|----|------------------|
|                                                                                   | No.                           | L. | B.   | D. |                  |
| ⑤ providing Laying & Spreading and Compacting W.B.M (grading - 3)                 |                               |    |      |    |                  |
| --- do ---                                                                        |                               |    |      |    |                  |
| Qty - 705.23 m <sup>3</sup>                                                       |                               |    | P-55 |    |                  |
| @ Rs 5087.82/m <sup>3</sup>                                                       |                               |    |      |    | R 3588083 = 00   |
| ⑥ providing and applying prime Coat with (SS-I) --- do ---                        |                               |    |      |    |                  |
| Qty - 9403.06 m <sup>2</sup>                                                      |                               |    | P-55 |    |                  |
| @ Rs <sup>48.51</sup> 9403.06/m <sup>2</sup>                                      |                               |    |      |    | R 4561422 = 00   |
| ⑦ providing Laying and Rolling of close graded premix Surface material --- do --- |                               |    |      |    |                  |
| Qty - 9403.06 m <sup>2</sup>                                                      |                               |    | P-55 |    |                  |
| @ Rs 189.53/m <sup>2</sup>                                                        |                               |    |      |    | R 1782162 = 00   |
| ⑧ providing and applying tack coat with (RS-I) --- do ---                         |                               |    |      |    |                  |
| Qty - 3655.56 m <sup>2</sup>                                                      |                               |    | P-55 |    |                  |
| @ Rs 16.63/m <sup>2</sup>                                                         |                               |    |      |    | R 6,07,254 = 00  |
| ⑨ providing and laying S. D. B. C --- do ---                                      |                               |    |      |    |                  |
| Qty - 685.02 m <sup>3</sup>                                                       |                               |    | P-55 |    |                  |
| Qty - 14.22 m <sup>3</sup>                                                        |                               |    | P-63 |    |                  |
| Total = 699.24 m <sup>3</sup>                                                     |                               |    |      |    |                  |
| @ Rs 10782.53/m <sup>3</sup>                                                      |                               |    |      |    | R 7539576 = 00   |
| ⑩ providing and fixing of 5th KM Stone --- do ---                                 |                               |    |      |    |                  |
| Qty - 01 m                                                                        |                               |    | P-55 |    |                  |
| @ Rs 5155.24/Each                                                                 |                               |    |      |    | R 5155 = 00      |

| Particulars                                                                          | Details of actual measurement |    |       |    | Contents of area |
|--------------------------------------------------------------------------------------|-------------------------------|----|-------|----|------------------|
|                                                                                      | No.                           | L. | B.    | D. |                  |
| (11/12) providing & fixing of KM Stone                                               |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| Qty - 08 nos                                                                         |                               |    | P- 55 |    |                  |
| @ Rs 3151.26/each                                                                    |                               |    |       |    | Rs 25210.00      |
| (12/13) providing and fixing of 200 m Stone                                          |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| Qty - 29 nos                                                                         |                               |    | P- 56 |    |                  |
| @ Rs 252.93/each                                                                     |                               |    |       |    | Rs 6755.00       |
| (13/14) providing and erecting direction & place identification Sign board           |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| Qty - 02 nos                                                                         |                               |    | P- 56 |    |                  |
| @ Rs 14266.04/each                                                                   |                               |    |       |    | Rs 28532.00      |
| (14/15) providing and erecting (GWB) metal beam crash barrier                        |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| Qty - 48 m                                                                           |                               |    | P- 56 |    |                  |
| @ Rs 3013.18/m                                                                       |                               |    |       |    | Rs 144633.00     |
| (15/16) providing and laying of hot applied thermoplastic compound                   |                               |    |       |    |                  |
| 25mm thick                                                                           |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| Qty - 1446.0 m <sup>2</sup>                                                          |                               |    | P- 56 |    |                  |
| @ Rs 831/m <sup>2</sup>                                                              |                               |    |       |    | Rs 12,01,626.00  |
| (16/17) providing and fixing of Semi Reflective Cautionary mandatory and informatory |                               |    |       |    |                  |
| do                                                                                   |                               |    |       |    |                  |
| 600mm equilateral triangle - 77 nos                                                  |                               |    |       |    |                  |
| Qty - 77 nos                                                                         |                               |    | P- 56 |    |                  |
| @ Rs 2481.28/each                                                                    |                               |    |       |    | Rs 191059.00     |

Continuation



| Particulars                                                                                    | Details of actual measurement |        |    |    | Contents of area |
|------------------------------------------------------------------------------------------------|-------------------------------|--------|----|----|------------------|
|                                                                                                | No.                           | L.     | B. | D. |                  |
| (17/19) providing and fixing of semi Reflective - - - do - -                                   |                               |        |    |    |                  |
| 600mm Circular = 22 nos                                                                        |                               |        |    |    |                  |
| Qty - 22 nos                                                                                   |                               | P - 56 |    |    |                  |
| @ Rs 2541.14/each                                                                              |                               |        |    |    | Rs 559052.00     |
| (18/20) providing and fixing of 600mm x 450mm Rectangular                                      |                               |        |    |    |                  |
| Qty - 25 nos                                                                                   |                               | P - 57 |    |    |                  |
| @ Rs 2535.01/each                                                                              |                               |        |    |    | Rs 633752.00     |
| (19/21) painting two Coats including primer Coat - - - do - - -                                |                               |        |    |    |                  |
| Qty - 135.68m <sup>2</sup>                                                                     |                               | P - 57 |    |    |                  |
| @ Rs 96.78/m <sup>2</sup>                                                                      |                               |        |    |    | Rs 131282.00     |
| (20/22) planting of tree by Road side - - - do - - -                                           |                               |        |    |    |                  |
| Qty - 361 nos                                                                                  |                               | P - 57 |    |    |                  |
| @ Rs 904.34/each                                                                               |                               |        |    |    | Rs 3264672.00    |
| (1/24) providing and fixing of typical protect information Sign board with Logo - - - do - - - |                               |        |    |    |                  |
| Qty - 02 nos                                                                                   |                               | P - 57 |    |    |                  |
| @ Rs 12075.20/each                                                                             |                               |        |    |    | Rs 241512.00     |
| (22/25) plastering with Cement mortar (1:4) 15mm thick - - - do - -                            |                               |        |    |    |                  |
| Qty - 135.68m <sup>2</sup>                                                                     |                               | P - 57 |    |    |                  |
| @ Rs 210.28/m <sup>2</sup>                                                                     |                               |        |    |    | Rs 285242.00     |
| (23/26) Brick masonry work in Cement mortar - - - do - - -                                     |                               |        |    |    |                  |
| Qty - 2.40m <sup>2</sup>                                                                       |                               | P - 57 |    |    |                  |
| @ Rs 7441.51/m <sup>2</sup>                                                                    |                               |        |    |    | Rs 178602.00     |

Continuation

| Particulars                                                             | Details of actual measurement |    |      |    | Contents of area |
|-------------------------------------------------------------------------|-------------------------------|----|------|----|------------------|
|                                                                         | No.                           | L. | B.   | D. |                  |
| (24/27) E/W in excavation -- do --                                      |                               |    |      |    |                  |
| Qty - 18.89 m <sup>2</sup>                                              |                               |    | P-57 |    |                  |
| @ Rs 322.24/m <sup>2</sup>                                              |                               |    |      |    | Rs 6087 = 00     |
| (25/28) Filling in foundation trenches                                  |                               |    |      |    |                  |
| -- do --                                                                |                               |    |      |    |                  |
| Qty - 1.67 m <sup>3</sup>                                               |                               |    | P-58 |    |                  |
| @ Rs 518.55/m <sup>3</sup>                                              |                               |    |      |    | Rs 866 = 00      |
| (26/29) providing P.C.C (M <sub>15</sub> ) in open foundation -- do --  |                               |    |      |    |                  |
| Qty - 2.53 m <sup>3</sup>                                               |                               |    | P-58 |    |                  |
| @ Rs 7108.63/m <sup>3</sup>                                             |                               |    |      |    | Rs 17984 = 00    |
| (27/30) providing R.C.C (M-25) in Superstructure -- do --               |                               |    |      |    |                  |
| Qty - 18.21 m <sup>3</sup>                                              |                               |    | P-58 |    |                  |
| @ Rs 9069.41/m <sup>3</sup>                                             |                               |    |      |    | Rs 1,65,154 = 00 |
| (28/31) Back filling behind Abutment wing wall and Return wall -- do -- |                               |    |      |    |                  |
| Qty - 10.80 m <sup>3</sup>                                              |                               |    | P-58 |    |                  |
| @ Rs 833.47/m <sup>3</sup>                                              |                               |    |      |    | Rs 9001 = 00     |
| (29/32) providing weep holes in Abutment & Return wall -- do --         |                               |    |      |    |                  |
| Qty - 20 nos                                                            |                               |    | P-58 |    |                  |
| @ Rs 143.75/Each                                                        |                               |    |      |    | Rs 2875 = 00     |
| (30/34) S/F/F HYSD bar reinforcement -- do --                           |                               |    |      |    |                  |
| Qty - 1.305 M.T                                                         |                               |    | P-58 |    |                  |
| @ Rs 77927.58/MT                                                        |                               |    |      |    | Rs 101695 = 00   |



| Particulars                                                  | Details of actual measurement |    |       |    | Contents of area |
|--------------------------------------------------------------|-------------------------------|----|-------|----|------------------|
|                                                              | No.                           | L. | B.    | D. |                  |
| (21/35) e/w in excavation for foundation                     |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 38 $1.42 m^3$                                          |                               |    | P- 58 |    |                  |
| @ R 32 $2.24/m^3$                                            |                               |    |       |    | R 1,22,909 = 00  |
| (32/36) providing P.C.C (M-15) in open foundation            |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 32 $1.10 m^3$                                          |                               |    | P- 59 |    |                  |
| @ R 710 $8.63/m^3$                                           |                               |    |       |    | R 221078 = 00    |
| (33/37) providing P.C.C (M-20) in Substructure               |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 135.16 $108.10 m^3$                                    |                               |    | P- 59 |    |                  |
| @ R 7869.58 $13.12/m^3$                                      |                               |    |       |    | R 1063967 = 00   |
| (34/38) providing P.C.C M-20 in Substructure                 |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 108.10 $m^3$                                           |                               |    | P- 59 |    |                  |
| @ R 8113.12 $m^3$                                            |                               |    |       |    | R 877028 = 00    |
| (35/39) providing weep holes in abutment                     |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 108 nos                                                |                               |    | P- 59 |    |                  |
| @ R 143.78/Each                                              |                               |    |       |    | R 15525 = 00     |
| (36/40) providing and Laying R.C.C (M-25) in Super Structure |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 53.94 $m^3$                                            |                               |    | P- 59 |    |                  |
| @ R 9069.41 $m^3$                                            |                               |    |       |    | R 489204 = 00    |
| (37/41) S/F/F HYSD bar reinforcement                         |                               |    |       |    |                  |
| do do do                                                     |                               |    |       |    |                  |
| Qty - 10.813 MT                                              |                               |    | P- 59 |    |                  |
| @ R 79190.58/MT                                              |                               |    |       |    | R 8,56,287 = 00  |

Continuation

| Particulars                                                             | Details of actual measurement |    |        |    | Contents of area |
|-------------------------------------------------------------------------|-------------------------------|----|--------|----|------------------|
|                                                                         | No.                           | L. | B.     | D. |                  |
| (38/42) Back filling behind Abutment wing wall and Return wall          |                               |    |        |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 158.16 m <sup>3</sup>                                             |                               |    | P - 59 |    |                  |
| @ Rs 833.47/m <sup>3</sup>                                              |                               |    |        |    | Rs 131821 = 00   |
| (39/43) providing and Laying Filter media with G.S.B                    |                               |    | do     |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 85.66 m <sup>3</sup>                                              |                               |    | P - 60 |    |                  |
| @ Rs 4477.72/m <sup>3</sup>                                             |                               |    |        |    | Rs 3835612 = 00  |
| (40/44) providing and Laying R.C.C (M-25) in Super Structure            |                               |    | do     |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 22.06 m <sup>3</sup>                                              |                               |    | P - 60 |    |                  |
| @ Rs 9313.45/m <sup>3</sup>                                             |                               |    |        |    | Rs 205455 = 00   |
| (41/45) S/R/F HYSD Bar Reinforcement                                    |                               |    |        |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 1.98 MT                                                           |                               |    | P - 60 |    |                  |
| @ Rs 79190.58/MT                                                        |                               |    |        |    | Rs 156797 = 00   |
| (42/46) Construction of R.C.C Railing of M25                            |                               |    | do     |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 19.60 RM                                                          |                               |    | P - 60 |    |                  |
| @ Rs 4016.05/RM                                                         |                               |    |        |    | Rs 78715         |
| (43/33) providing and Laying Boulders apron for bed protection          |                               |    | do     |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 16.20 m <sup>3</sup>                                              |                               |    | P - 62 |    |                  |
| @ Rs 4759.400/m <sup>3</sup>                                            |                               |    |        |    | Rs 77102 = 00    |
| (44/47) providing Concrete for plain/Reinforced cement Concrete in open |                               |    | do     |    |                  |
| - - do - -                                                              |                               |    |        |    |                  |
| Qty - 21.632 m <sup>3</sup>                                             |                               |    | P - 63 |    |                  |
| @ Rs 7108.630/m <sup>3</sup>                                            |                               |    |        |    | Rs 153774 = 00   |

| Sch. XLV-Form No. 134                                       |                               |    |    |    |                  |
|-------------------------------------------------------------|-------------------------------|----|----|----|------------------|
| Particulars                                                 | Details of actual measurement |    |    |    | Contents of area |
|                                                             | No.                           | L. | B. | D. |                  |
| (48/48) providing Concrete for Plain/Reinforce              |                               |    |    |    |                  |
| -ment Concrete in - do - -                                  |                               |    |    |    |                  |
| Qty - 132.56m <sup>3</sup> P- 63                            |                               |    |    |    |                  |
| @Rs 7108.530/m <sup>3</sup> Rs 942319 = 00                  |                               |    |    |    |                  |
| Total/Rs = 29051083 = 00                                    |                               |    |    |    |                  |
| Less 0.11% below (-) Rs 31956 = 00                          |                               |    |    |    |                  |
| Rs 29019127 = 00                                            |                               |    |    |    |                  |
| Less previous paid (-) Rs 27694064 = 00                     |                               |    |    |    |                  |
| Rs 1325063 = 00                                             |                               |    |    |    |                  |
| dy<br>24/03/24<br>JE                                        |                               |    |    |    |                  |
| C.P.P.                                                      |                               |    |    |    |                  |
| 14-05-24                                                    |                               |    |    |    |                  |
| MATERIAL STATEMENT                                          |                               |    |    |    |                  |
| ① Boulder = 16.2m <sup>3</sup> @ 305.85/m <sup>3</sup>      |                               |    |    |    |                  |
| ② Aggregate = 138.77m <sup>3</sup> @ 550.85/m <sup>3</sup>  |                               |    |    |    |                  |
| ③ Coarse Sand = 69.39m <sup>3</sup> @ 116.85/m <sup>3</sup> |                               |    |    |    |                  |
| S.D.B.C                                                     |                               |    |    |    |                  |
| ① Aggregate = 21.00m <sup>3</sup> @ 531.40/m <sup>3</sup>   |                               |    |    |    |                  |
| ② Bitumen = 1.64MT                                          |                               |    |    |    |                  |
| dy<br>24/03/24<br>JE                                        |                               |    |    |    |                  |
| Balance Amount of Rs 14,51,936 = a                          |                               |    |    |    |                  |
| vide letter No - 20 dt - 15/03/24                           |                               |    |    |    |                  |