

R.C.D Road to Koiri Bigha.

MMGSY (GEN) 2010-21

28121

# Schedule XLV-Form No. 134

E.E. R.W.D. WORK.

DIVISION -

Jehanabad

A.E. R.W.D. WORK. SUB-DIVISION -

Kgkd.

MEASUREMENT BOOK

No- 2812

गोविन्द विद्या मन्दिर हैडक्वार्टर पटना  
महानगर

1st on A/C MMSY BT - 400m

PCC - 550m

950m

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 road:-           | Construction of               |     |    |    |                  |
|                          | road with 800 R.C.D road      |     |    |    |                  |
|                          | se Koiribigha under MMSY      |     |    |    |                  |
| Agency:-                 | Sri Ravi Rengon               |     |    |    |                  |
|                          | Kumar, Krishnapuri colony     |     |    |    |                  |
|                          | Jehanabad                     |     |    |    |                  |
| Ag No                    | 20 SB 27 2021-22              |     |    |    |                  |
| Date of work order:-     | 17-6-2021                     |     |    |    |                  |
| Date of (w) completion:- | 16-6-2022                     |     |    |    |                  |
| Ag value:-               | 57 43 593.40                  |     |    |    |                  |
|                          | 54979.50                      |     |    |    |                  |
|                          | Rs 5793388.40                 |     |    |    |                  |
| ①                        | Providing & fixing            |     |    |    |                  |
|                          | of working bench              |     |    |    |                  |
|                          | mark pillar do do - 1 No      |     |    |    |                  |
| ②                        | Providing & fixing of         |     |    |    |                  |
|                          | working reference pillar      |     |    |    |                  |
|                          | do do - 4 No                  |     |    |    |                  |
| ③                        | clearing and grubbing         |     |    |    |                  |
|                          | road Land do do               |     |    |    |                  |
|                          | 1x 200m                       | 6.0 | 1  | =  | 1800.00          |
|                          |                               |     |    |    | 1800.00          |
|                          | 1x 300m                       | 6.0 | 1  | =  |                  |
|                          |                               |     |    |    | 2700.00          |
|                          | 1x 450m                       | 6.0 | 1  | =  |                  |
|                          |                               |     |    |    | 5700.00          |
|                          | ie 0.57 hectare               |     |    |    |                  |

Continuation

| Particulars                                                                | Details of actual measurement |    |    |    | Contents of area     |
|----------------------------------------------------------------------------|-------------------------------|----|----|----|----------------------|
|                                                                            | No.                           | L. | B. | D. |                      |
| ④ Construction of Sub grade & earthen Shoulder do do                       |                               |    |    |    |                      |
| 1 X 400m X 5.20m X 0.30                                                    |                               |    |    |    | 624.0m <sup>3</sup>  |
| 1 X 550m X 4.5m X 0.150                                                    |                               |    |    |    | 371.25m <sup>3</sup> |
|                                                                            |                               |    |    |    | 995.25m <sup>3</sup> |
| ⑤ Construction of Subgrade G.S.B by providing coarse graded material do do |                               |    |    |    |                      |
| 1 X 400m X 4.05 X 0.10                                                     |                               |    |    |    | 324.0m <sup>3</sup>  |
| 1 X 550m X 3.75 X 0.10                                                     |                               |    |    |    | 206.25m <sup>3</sup> |
|                                                                            |                               |    |    |    | 530.25m <sup>3</sup> |
| App<br>2/10/22<br>JE                                                       |                               |    |    |    |                      |
| ⑥ Construction of Subgrade & earthen Shoulder do do                        |                               |    |    |    |                      |
| 2 X 400m X 1.49 X 0.20                                                     |                               |    |    |    | 238.40               |
| 2 X 550 X 0.625 X 0.10                                                     |                               |    |    |    | 68.75m <sup>3</sup>  |
|                                                                            |                               |    |    |    | 307.15m <sup>3</sup> |
| ⑦ Providing & fixing of mm G.Sy Logo project board do do - 2 No            |                               |    |    |    |                      |
| App<br>4/2/22<br>JE                                                        |                               |    |    |    |                      |
|                                                                            |                               |    |    |    |                      |



| Particulars                                                                      | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                  | No.                           | L. | B. | D. |                  |
| Name of work :- Construction of road from R.O.D Road to Kozibigha under mm h.s.y |                               |    |    |    |                  |
| Agency :- Sri Ravi Ranjan Kumar Krishna puri Colony, Jehanabad.                  |                               |    |    |    |                  |
| Ag No :- 20 SB 7 2021-22                                                         |                               |    |    |    |                  |
| Date of work order :- 17.06.21                                                   |                               |    |    |    |                  |
| Date of completion :- 16.06.22                                                   |                               |    |    |    |                  |
| Actual date of work done :- 12.06.22                                             |                               |    |    |    |                  |
| Date of entry :- 20.10.22                                                        |                               |    |    |    |                  |
| Measurement                                                                      |                               |    |    |    |                  |
| Unit                                                                             |                               |    |    |    |                  |
| Rate                                                                             |                               |    |    |    |                  |
| Amount                                                                           |                               |    |    |    |                  |
| Abstract of cost                                                                 |                               |    |    |    |                  |
| ① Providing & Fixing of bench mark pillar                                        |                               |    |    |    |                  |
| do do vide item No                                                               |                               |    |    |    |                  |
| 1 P-No 24 - 1 No                                                                 |                               |    |    |    |                  |
| @ Rs 3775.26 each - Rs 3775.26                                                   |                               |    |    |    |                  |
| ② Providing & Fixing of reference pillar                                         |                               |    |    |    |                  |
| do do vide item                                                                  |                               |    |    |    |                  |
| No 2 P-No 24 - 4 No                                                              |                               |    |    |    |                  |
| @ Rs 1716.33 each - Rs 6865.32                                                   |                               |    |    |    |                  |

| Particulars                                                                                                                                                | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                            | No.                           | L. | B. | D. |                  |
| ③<br>3 clearing & grubbing road land do do<br>vide item No 3 P.No.<br>24 — 0.57 ha<br>@Rs 52970.33/h — Rs 30193.0                                          |                               |    |    |    |                  |
| ④<br>4 construction of embankment with material do do<br>vide item No 4<br>P.No 28 — 1451.91 m <sup>3</sup><br>@Rs 190.35/m <sup>3</sup> — Rs 276371.6     |                               |    |    |    |                  |
| ⑤<br>5 construction of embankment with material do do<br>vide item No 5 P.No.<br>25 — 388.16 m <sup>3</sup><br>@Rs 171.79/m <sup>3</sup> — Rs 66682.0      |                               |    |    |    |                  |
| ⑥<br>6 construction of sub-grade & earthen shoulder do do<br>vide item No 6<br>P.No 25 — 1504.01 m <sup>3</sup><br>@Rs 214.97/m <sup>3</sup> — Rs 323317.0 |                               |    |    |    |                  |
| ⑦<br>7 construction of C.S.B by well graded material<br>vide item No 7 P.No 25<br>— 540.77 m <sup>3</sup><br>@Rs 2143.84/m <sup>3</sup> — Rs 1159324.0     |                               |    |    |    |                  |

Continuation

| Particulars                                                              | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                          | No.                           | L. | B. | D. |                  |
| ⑧ Providing & Laying<br>8 W.B.M. cur in do do                            |                               |    |    |    |                  |
| vide item No 8 P.H.                                                      |                               |    |    |    |                  |
| 26 — 272.41 m <sup>3</sup>                                               |                               |    |    |    |                  |
| @ Rs 2779.42/m <sup>3</sup> — Rs 757142.00                               |                               |    |    |    |                  |
| ⑨ Providing & applying<br>9 primer coat do do                            |                               |    |    |    |                  |
| vide item No 9                                                           |                               |    |    |    |                  |
| P.H. 26 — 1530.0 m <sup>2</sup>                                          |                               |    |    |    |                  |
| @ Rs 41.14/m <sup>2</sup> — Rs 62975.00                                  |                               |    |    |    |                  |
| ⑩ Providing & applying<br>10 Pack coat do do                             |                               |    |    |    |                  |
| vide item No 10 P.H.                                                     |                               |    |    |    |                  |
| 26 — 1530.0 m <sup>2</sup>                                               |                               |    |    |    |                  |
| @ Rs 14.07/m <sup>2</sup> — Rs 21527.00                                  |                               |    |    |    |                  |
| ⑪ Providing & Laying<br>11 20mm M.S.S do do                              |                               |    |    |    |                  |
| vide item No 11 P.H.                                                     |                               |    |    |    |                  |
| 26 — 1530.0 m <sup>2</sup>                                               |                               |    |    |    |                  |
| @ Rs 176.83/m <sup>2</sup> — Rs 270550.00                                |                               |    |    |    |                  |
| ⑫ Construction of cur —<br>12 Reinforced C.C Pavement<br>do do vide item |                               |    |    |    |                  |
| No 12 P.H. 26                                                            |                               |    |    |    |                  |
| — 336.60 m <sup>3</sup>                                                  |                               |    |    |    |                  |
| @ Rs 5376.38/m <sup>3</sup> — Rs 1809690.00                              |                               |    |    |    |                  |



(13) Providing & fixing  
13 A/E/S do do  
vide item No 13

P.No 27 - 274.00

@ Rs 450.44/m<sup>2</sup> — Rs 125887.00

(14) Providing & fixing  
14 of Km post do do

vide item No 14 P.No

27 - 240

@ Rs 1994.94 each — Rs 3990.00

(15) Providing & fixing  
15 of 200mm post

do do vide item

No 15 P.No 27

410

@ Rs 571.56/m<sup>2</sup> — Rs 2286.00

(16) Providing & fixing  
16 of 600mm triangular

board do do vide

item No 16 P.No 27

— 240

@ Rs 3481.97 each — Rs 6964.00

(17) Providing & fixing  
17 of 600mm circular board

do do vide item No 17

P.No 27 - 3 No

@ Rs 3738.31 each — Rs 11213.01

Continuation

| Particulars                               | Details of actual measurement |    |    |    | of area |
|-------------------------------------------|-------------------------------|----|----|----|---------|
|                                           | No.                           | L. | B. | D. |         |
| ⑧ Providing & fixing                      |                               |    |    |    |         |
| 18 of 900mm board                         |                               |    |    |    |         |
| do do vide item                           |                               |    |    |    |         |
| No 18 P-No 28                             |                               |    |    |    |         |
| — 2 No                                    |                               |    |    |    |         |
| @ Rs 5231.57/m <sup>2</sup> — Rs 10463.01 |                               |    |    |    |         |

|                                         |  |  |  |  |  |
|-----------------------------------------|--|--|--|--|--|
| ⑨ Providing & laying                    |  |  |  |  |  |
| 19 hot thermoplastic                    |  |  |  |  |  |
| Compound do do                          |  |  |  |  |  |
| vide item No 19                         |  |  |  |  |  |
| P-No 28 — 80.0m <sup>2</sup>            |  |  |  |  |  |
| @ Rs 721.95/m <sup>2</sup> — Rs 57756.0 |  |  |  |  |  |

|                                         |  |  |  |  |  |
|-----------------------------------------|--|--|--|--|--|
| ⑩ Providing & laying                    |  |  |  |  |  |
| 20 hot thermoplastic                    |  |  |  |  |  |
| Compound do do                          |  |  |  |  |  |
| vide item No P-No                       |  |  |  |  |  |
| 28 — 110.0m <sup>2</sup>                |  |  |  |  |  |
| @ Rs 752.74/m <sup>2</sup> — Rs 82801.0 |  |  |  |  |  |

|                            |  |  |  |  |  |
|----------------------------|--|--|--|--|--|
| ⑪ Providing & laying       |  |  |  |  |  |
| 21 cable duct pipe         |  |  |  |  |  |
| do do — vide item          |  |  |  |  |  |
| No 21 P-No 28 — 30m        |  |  |  |  |  |
| @ Rs 895.23/m — Rs 26857.0 |  |  |  |  |  |

|                         |  |  |  |  |  |
|-------------------------|--|--|--|--|--|
| ⑫ Providing & laying    |  |  |  |  |  |
| 22 rumble strips do do  |  |  |  |  |  |
| vide item No 22 P-No 28 |  |  |  |  |  |

@ Rs 176.83/m<sup>2</sup> — 45m<sup>2</sup> — Rs 7957.0

Continuation



| Particulars | Details of actual measurement             |    |    |    | Contents of area |
|-------------|-------------------------------------------|----|----|----|------------------|
|             | No.                                       | L. | B. | D. |                  |
| (23)<br>23  | Provision of 15m                          |    |    |    |                  |
|             | Stumble Signs Carved                      |    |    |    |                  |
|             | With white marking                        |    |    |    |                  |
|             | do do - vide item                         |    |    |    |                  |
|             | No 23 P No 29                             |    |    |    |                  |
|             | — 22.5m <sup>2</sup>                      |    |    |    |                  |
|             | @ Rs 721.95/m <sup>2</sup> — Rs 16244.00  |    |    |    |                  |
| (24)<br>24  | Providing & erecting                      |    |    |    |                  |
|             | direction plate                           |    |    |    |                  |
|             | board do do                               |    |    |    |                  |
|             | vide item no                              |    |    |    |                  |
|             | 24 P No 29                                |    |    |    |                  |
|             | — 24.0                                    |    |    |    |                  |
|             | @ Rs 3170.65 each — Rs 6341.00            |    |    |    |                  |
| (25)<br>25  | Planting of tree                          |    |    |    |                  |
|             | & their maintenance                       |    |    |    |                  |
|             | do do vide item                           |    |    |    |                  |
|             | No 25 P No 29                             |    |    |    |                  |
|             | 20 No                                     |    |    |    |                  |
|             | @ Rs 841.14 each — Rs 16823.00            |    |    |    |                  |
| (26)<br>26  | Providing & fixing                        |    |    |    |                  |
|             | of Logo project                           |    |    |    |                  |
|             | board do do                               |    |    |    |                  |
|             | vide item No 26                           |    |    |    |                  |
|             | P No 29 — 3 No                            |    |    |    |                  |
|             | @ Rs 9492.20/m <sup>2</sup> — Rs 28477.00 |    |    |    |                  |

| Particulars             | Details of actual measurement |                            |    |                     | Contents of area |
|-------------------------|-------------------------------|----------------------------|----|---------------------|------------------|
|                         | No.                           | L.                         | B. | D.                  |                  |
| (27) E/W Excavation     |                               |                            |    |                     |                  |
| 27                      | 1m                            | Foundation do do           |    |                     |                  |
|                         |                               | vide item No 27            |    |                     |                  |
|                         |                               | P-No - 30 -                |    | 5502.12             |                  |
|                         |                               | @Rs 305.42/m <sup>3</sup>  |    |                     | Rs 16805.00      |
| (28) Providing & laying |                               |                            |    |                     |                  |
| 28                      | P.C.C                         | 1.5 m                      |    |                     |                  |
|                         |                               | Foundation do do           |    |                     |                  |
|                         |                               | vide item No 28            |    |                     |                  |
|                         |                               | P-No 30 -                  |    | 8.05 m <sup>3</sup> |                  |
|                         |                               | @Rs 4475.41/m <sup>3</sup> |    |                     | Rs 36090.00      |
| (29) Providing P.C.C    |                               |                            |    |                     |                  |
| 29                      | 1.20 m                        | 5 cm                       |    |                     |                  |

|                         |                            |                      |         |  |              |
|-------------------------|----------------------------|----------------------|---------|--|--------------|
|                         | Structure do do vide       |                      |         |  |              |
|                         | item No 29                 | P-No 30              |         |  |              |
|                         |                            | 53.14 m <sup>3</sup> |         |  |              |
|                         | @Rs 5053.59/m <sup>3</sup> |                      |         |  | Rs 268548.00 |
| (30) Providing & laying |                            |                      |         |  |              |
| 30                      | R.C.C                      | HPB pipe             |         |  |              |
|                         |                            | do do vide           |         |  |              |
|                         |                            | item No 30           | P-No    |  |              |
|                         |                            | 30 -                 | 15.0 m  |  |              |
|                         | @Rs 1140.36/m              |                      |         |  | Rs 17105.00  |
| (31) Providing & laying |                            |                      |         |  |              |
| 31                      | R.C.C                      | HPB 100mm dia pipe   |         |  |              |
|                         |                            | vide item No 31      | P-No 31 |  |              |
|                         |                            |                      | 7.5 m   |  |              |
|                         | @Rs 3171.51/m              |                      |         |  | Rs 23786.00  |

Continuation

Rs 5554756.00

| Particulars             | Details of actual measurement |    |    |     | Contents of area |
|-------------------------|-------------------------------|----|----|-----|------------------|
|                         | No.                           | L. | B. | D.  |                  |
|                         |                               | BF |    |     | Rs 5554756.00    |
| Add Govt Lab cess B7    |                               |    |    |     | Rs 722118.00     |
| Add Seigniorage Rec A/R |                               |    |    |     | Rs 90215.00      |
|                         |                               |    |    |     | 6367089.00       |
| Less 18.29%             |                               |    |    | (-) | 1164541.00       |
|                         |                               |    |    |     | 5202548.00       |
|                         |                               |    |    |     | 5202548.00       |
| Less Spurious bill      |                               |    |    |     |                  |
| (1521551 + 700990)      |                               |    |    | (-) | 2222541.00       |
|                         |                               |    |    |     | Rs 2980007.00    |
| Acc<br>20/10/22<br>JE   |                               |    |    |     |                  |
|                         |                               |    |    |     |                  |

|                                         |  |  |  |  |  |
|-----------------------------------------|--|--|--|--|--|
| Material statement up to                |  |  |  |  |  |
| 2nd & Final bill                        |  |  |  |  |  |
| Soil - 3701.74 m <sup>3</sup>           |  |  |  |  |  |
| Local sand - 99.26 m <sup>3</sup>       |  |  |  |  |  |
| Coarse sand - 384.79 m <sup>3</sup>     |  |  |  |  |  |
| 5 to 9.5 mm Agg - 348.09                |  |  |  |  |  |
| 9.5 to 2.36 mm - 140.60                 |  |  |  |  |  |
| 5 to 2.36 mm - 329.41                   |  |  |  |  |  |
| 11.2 mm screen - 65.37 m <sup>3</sup>   |  |  |  |  |  |
| 13.2 to 0.075 mm - 41.31 m <sup>3</sup> |  |  |  |  |  |
| 40 mm - 22.99 m <sup>3</sup>            |  |  |  |  |  |
| 20 mm - 202.87 m <sup>3</sup>           |  |  |  |  |  |
| 10 mm - 127.43 m <sup>3</sup>           |  |  |  |  |  |

Bricks - 16906 H<sub>0</sub>

Bitumen - 2.98 m<sup>3</sup>

SS-1 - 1.300 m<sup>3</sup>

RS-1 - 0.4207 m<sup>3</sup>

Acc 20/10/22 JE

Continuation