

Chhotkela P.A. Deepan Rai ke glar 20 Baya,  
Nale Rai Vishwanath Rai ke Bethe Ram Vilas  
Rai ke glar Tak

Schedule XLV-Form No. 134

कार्यपालक अधिकारी  
ग्रामीण कार्य विभाग  
कार्य प्रपंढल.

DIVISION

Chhotkela

SUB-DIVISION

MB No:- 3433

MEASUREMENT BOOK

(MMGSY-SC)

| Particulars           | Details of actual measurement    |             |    |    | Contents of area |
|-----------------------|----------------------------------|-------------|----|----|------------------|
|                       | No.                              | L.          | B. | D. |                  |
|                       | 2 <sup>nd</sup>                  | on A/c Bill |    |    |                  |
| N/w:-                 | Chehrakali P.A. Depon            |             |    |    |                  |
|                       | Rai ke Ghar Se Bagan Nak         |             |    |    |                  |
|                       | Rai Utsav Nath ke Se Buthnu      |             |    |    |                  |
|                       | Roni Vilash Rai ke Ghar Tak      |             |    |    |                  |
| Agency:-              | M/s Shanti Construction Pvt.Ltd. |             |    |    |                  |
| Agreement No. :-      | 108/SBD/2019-20                  |             |    |    |                  |
| Agreement Amount :-   | 1,29,51,990.00                   |             |    |    |                  |
| Date of Start :-      | 23/12/19                         |             |    |    |                  |
| Date of Completion :- | 22/12/20                         |             |    |    |                  |
|                       | Record Measurement               |             |    |    |                  |
|                       | Date of Measurement :- 19/06/20  |             |    |    |                  |

|            |                                                       |    |                         |       |                         |
|------------|-------------------------------------------------------|----|-------------------------|-------|-------------------------|
| 1.         | Providing, laying, spreading and Compacting WBM Gr-II |    |                         |       |                         |
|            | 3                                                     | 30 | 3.75                    | 0.075 | = 25.31 m <sup>3</sup>  |
| At Curve - | 1                                                     | 15 | $\frac{(4.50+3.75)}{2}$ | 0.075 | = 4.64 m <sup>3</sup>   |
|            | 1                                                     | 12 | 3.75                    | 0.075 | = 3.38 m <sup>3</sup>   |
|            |                                                       |    |                         | Qty = | 33.33 m <sup>3</sup>    |
| 2.         | Construction of 1/m - Reinforced PCC..                |    |                         |       |                         |
|            | 1                                                     | 15 | $\frac{(5.5+3.75)}{2}$  | 0.16  | = 11.10 m <sup>3</sup>  |
|            | 10                                                    | 30 | 3.75                    | 0.16  | = 180.00 m <sup>3</sup> |
|            | 1                                                     | 15 | $\frac{(5.5+3.75)}{2}$  | 0.16  | = 11.10 m <sup>3</sup>  |
|            | 6                                                     | 30 | 3.75                    | 0.16  | = 108.00 m <sup>3</sup> |
|            | 1                                                     | 5  | 3.75                    | 0.16  | = 3.00 m <sup>3</sup>   |
|            | 3                                                     | 30 | 3.75                    | 0.16  | = 54.00 m <sup>3</sup>  |

Continuation

$$C/F = 367.20 \text{ m}^3$$

|    |                                                       |  |
|----|-------------------------------------------------------|--|
|    | 1 <sup>st</sup> on A/R Bill                           |  |
|    | <u>Abstract of Cost</u>                               |  |
| 1. | Const. of Ref. & Working Benchmark...                 |  |
|    | Vide TMB Item ① P.N. ①                                |  |
|    | Qty = 2.42 Km                                         |  |
|    | ② $3832.34/\text{Km} = \text{Rs } 9274.26$            |  |
| 2. | Const. of Ref. Pillar...                              |  |
|    | Vide TMB P.N. ① Item ②                                |  |
|    | Qty = 2.42 Km                                         |  |
|    | ② $\text{Rs } 1793.99/\text{Km} = \text{Rs } 4341.46$ |  |
| 3. | Cleaning and Grubbing Road Land...                    |  |
|    | Vide TMB P.N. ② Item ①                                |  |
|    | Qty = 1.21 Hec                                        |  |

Continuation  
 (c)  $\$49,174.86/\text{Hec} = \$59,501.58$

| Particulars                                                                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                            | No.                           | L. | B. | D. |                  |
| <u>4.</u> Earthwork in Excavation<br>of Fdn. for Structure...              |                               |    |    |    |                  |
| Vide TMB P.N. ② item ②                                                     |                               |    |    |    |                  |
| Qty = $67.08 \text{ m}^3$                                                  |                               |    |    |    |                  |
| ② $288.02/\text{m}^3 = \text{Rs } 19320.38$                                |                               |    |    |    |                  |
| <u>5.</u> Providing P.C. in open<br>Fdn. ...                               |                               |    |    |    |                  |
| Vide TMB item ③ P.N. ②                                                     |                               |    |    |    |                  |
| Qty = $5.292 \text{ m}^3$                                                  |                               |    |    |    |                  |
| ② $\text{Rs } 5957.22/\text{m}^3 = \text{Rs } 31525.69$                    |                               |    |    |    |                  |
| <u>6.</u> Brick Masonry work<br>in CM (1:4) in Fdn. ...                    |                               |    |    |    |                  |
| Vide TMB Item ① P.N. ②                                                     |                               |    |    |    |                  |
| Qty = $33.21 \text{ m}^3$                                                  |                               |    |    |    |                  |
| ② $\text{Rs } 6679.41/\text{m}^3 = \text{Rs } 221823.21$                   |                               |    |    |    |                  |
| <u>7.</u> Brick Masonry work<br>in CM (1:4) in Substructure...             |                               |    |    |    |                  |
| Vide T.M.B. Item ② P.N. ③                                                  |                               |    |    |    |                  |
| Qty = $20.32 \text{ m}^3$                                                  |                               |    |    |    |                  |
| ② $\text{Rs } 6977.40/\text{m}^3 = \text{Rs } 141780.77$                   |                               |    |    |    |                  |
| <u>8.</u> Providing and Laying<br>ISI Mark 1000 mm dia<br>CC House Pipe... |                               |    |    |    |                  |
| Vide TMB item ③ P.N. ③                                                     |                               |    |    |    |                  |
| Qty = $15 \text{ m}$                                                       |                               |    |    |    |                  |
| ② $\text{Rs } 5158.69/\text{m} = \text{Rs } 77380.35$                      |                               |    |    |    |                  |

Continuation

| Particulars                                                                               | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                           | No.                           | L. | B. | D. |                  |
| <u>9.</u> Laying (First Class) Bedding on Well Compacted Sand...                          |                               |    |    |    |                  |
| Vide TMB item (1) P.N. (3)                                                                |                               |    |    |    |                  |
| Qty = 7.139 m <sup>3</sup>                                                                |                               |    |    |    |                  |
| ① Rs 457.51/m <sup>3</sup> = Rs 3266.62                                                   |                               |    |    |    |                  |
| <u>10.</u> Filling in FDN. French...                                                      |                               |    |    |    |                  |
| Vide TMB item (2) P.N. (3)                                                                |                               |    |    |    |                  |
| Qty = 15.26 m <sup>3</sup>                                                                |                               |    |    |    |                  |
| ② Rs 457.51/m <sup>3</sup> = Rs 6981.60                                                   |                               |    |    |    |                  |
| <u>11.</u> Brick Masonry work in CM (1:3) in Parapet...                                   |                               |    |    |    |                  |
| Vide TMB item (3) P.N. (4)                                                                |                               |    |    |    |                  |
| Qty = 5.76 m <sup>3</sup>                                                                 |                               |    |    |    |                  |
| ③ 6954.74/m <sup>3</sup> = Rs 40059.30                                                    |                               |    |    |    |                  |
| <del>11.13 Construction of Embankment with material obtained from road way cutting.</del> |                               |    |    |    |                  |
| <del>Vide TMB P.N. (4) item (1)</del>                                                     |                               |    |    |    |                  |
| <del>Qty = 40.32 m<sup>2</sup></del>                                                      |                               |    |    |    |                  |
| <del>② 186.80/m<sup>2</sup> = Rs 7531.78</del>                                            |                               |    |    |    |                  |
| <del>12.13 Construction of Embankment with material obtained from</del>                   |                               |    |    |    |                  |
| <u>12.</u> Plastering with CM (1:4)...                                                    |                               |    |    |    |                  |
| Vide TMB item (4) P.N. (4)                                                                |                               |    |    |    |                  |
| Qty = 40.32 m <sup>2</sup>                                                                |                               |    |    |    |                  |
| ④ 186.80/m <sup>2</sup> = Rs 7531.78                                                      |                               |    |    |    |                  |

| Particulars                                                                                                                                                                                                      | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                                                  | No.                           | L. | B. | D. |                  |
| <u>13.</u> Construction of Embankment with material obtained from road way cutting---<br>Vide TMB item (1) P.N. (4)<br>Qty = 228.00 m <sup>3</sup><br>② 49.91/m <sup>3</sup> = Rs 4192.44                        |                               |    |    |    |                  |
| <u>14.</u> Const of Embankment with material obtained from borrow pit with level 1.00m---<br>Vide TMB item (1) P.N. (5)<br>Qty = 183840.00 m <sup>3</sup><br>② 154.45/m <sup>3</sup> = Rs 5,93,088.00            |                               |    |    |    |                  |
| <u>15.</u> Const of Embankment with material obtained from borrow pit with level 1.5m (For C.C Portion)<br>Vide TMB Item (2) P.N. (5)<br>Qty = 621.00 m <sup>3</sup><br>② 175.90/m <sup>3</sup> = Rs 1,09,233.90 |                               |    |    |    |                  |
| <u>16.</u> Box cutting for Pavement Const.. (For B.T. Portion)<br>Vide TMB Item (1) P.N. (5)<br>Qty = 168.00 m <sup>3</sup><br>② Rs 121.35/m <sup>3</sup> = Rs 20,386.86                                         |                               |    |    |    |                  |

Continuation

| Particulars                                                         | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                     | No.                           | L. | B. | D. |                  |
| <u>17.</u> Box Cutting for Pavement Construction (For C.C. Portion) |                               |    |    |    |                  |
| Vide TMB item ② P.N. ⑥                                              |                               |    |    |    |                  |
| Qty = 61.50 m <sup>3</sup>                                          |                               |    |    |    |                  |
| ② 121.35/m <sup>3</sup> = Rs                                        |                               |    |    |    | 7,463.03         |
| <u>18.</u> Cable Duct across the road (300 mm Dia)                  |                               |    |    |    |                  |
| Vide TMB item ③ P.N. ⑥                                              |                               |    |    |    |                  |
| Qty = 21 m                                                          |                               |    |    |    |                  |
| ③ 1717.75/m = Rs                                                    |                               |    |    |    | 36072.75         |
| <u>19.</u> Const. of GSB by providing well graded material          |                               |    |    |    |                  |
| Vide TMB item ① P.N. ⑦                                              |                               |    |    |    |                  |
| Qty = 953.42 m <sup>3</sup>                                         |                               |    |    |    |                  |
| Limit = 952.73 m <sup>3</sup>                                       |                               |    |    |    |                  |
| ① 2314.07/m <sup>3</sup> = Rs                                       |                               |    |    |    | 22,04,683.91     |
| <u>20.</u> Providing, Laying, Spreading and Compacting WBM Gr-III   |                               |    |    |    |                  |
| Vide TMB item ① P.N. ⑦                                              |                               |    |    |    |                  |
| Qty = 146.813 m <sup>3</sup>                                        |                               |    |    |    |                  |
| Vide TMB item ① P.N. ⑧                                              |                               |    |    |    |                  |
| Qty = 452.953 m <sup>3</sup>                                        |                               |    |    |    |                  |
| Vide TMB item ① P.N. ⑧                                              |                               |    |    |    |                  |
| Qty = 33.33 m <sup>3</sup>                                          |                               |    |    |    |                  |
| Total Qty = 633.10 m <sup>3</sup>                                   |                               |    |    |    |                  |
| ⑧ 3441.72/m <sup>3</sup> = Rs                                       |                               |    |    |    | 2178952.93       |

Continuation

| Particulars                                 | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------|-------------------------------|----|----|----|------------------|
|                                             | No.                           | L. | B. | D. |                  |
| 21. Construction of Un-reinforced PCC...    |                               |    |    |    |                  |
| Vide TMB item ② P.M. ①⑥                     |                               |    |    |    |                  |
| Qty = 384.30 m <sup>3</sup>                 |                               |    |    |    |                  |
| ⑥ 7499.24/m <sup>3</sup> = Rs 2881957.93    |                               |    |    |    |                  |
| 22. Providing and fixing MMSY Sign Board... |                               |    |    |    |                  |
| Vide T.M.B item ③ P.M. ①⑥                   |                               |    |    |    |                  |
| Qty = 2 Nos.                                |                               |    |    |    |                  |
| ⑥ 13781.18/Each = Rs 27562.36               |                               |    |    |    |                  |
| Total = Rs 868638.11                        |                               |    |    |    |                  |
| Less 10% Below = Rs 86863.81                |                               |    |    |    |                  |

Total = Rs 781774.30

Less Previous Payment (-) Rs 459686.6

Net pay = Rs 322087.70

19/06/20  
J.E.

19.6.20  
A.E.  
30.6.20

Material Statement:-

1. Stone Aggregate - 3.03 m<sup>3</sup>
2. Stone Screening - 0.60 m<sup>3</sup>
3. Stone Chips - 345.87 m<sup>3</sup>
4. Sand - 172.94 m<sup>3</sup>

19/06/20  
J.E.

19.6.20  
A.E.