

~~1st Ona~~

1st Ona/CDIU

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. |                  |
| 1) N/w:- Phulwariya Bajranghali |                               |    |    |    |                  |
| Station to Koini to Phulwariya  |                               |    |    |    |                  |
| via Prathamik Vidyalay          |                               |    |    |    |                  |
| Phulwariya.                     |                               |    |    |    |                  |
| 2) Agency:- Manoranjan K. Singh |                               |    |    |    |                  |
| At:- Sul. Krishna Nagar, Mohani |                               |    |    |    |                  |
| East Champaran.                 |                               |    |    |    |                  |
|                                 |                               |    |    |    |                  |
|                                 |                               |    |    |    |                  |

3) Agreement No - SBD - 72/2019-20

4) Date of work order - 23/03/2020

5) Contract date of comp. 22/03/2020.

6) Item of work done:-

(1) E/W in excavation of CD work  
(H. pipe culvert)

(1) Head wall -

$$2 \times 6.35 \times 1.40 \times 1.45 = 25.70 \text{ m}^3$$

(2) Below pipe -

$$1 \times 5.70 \times 1.55 \times 0.25 = 2.21 \text{ m}^3$$

$$28.00 \text{ m}^3$$

Continuation

| Particulars                                          | Details of actual measurement |    |    |    | Contents of area      |
|------------------------------------------------------|-------------------------------|----|----|----|-----------------------|
|                                                      | No.                           | L. | B. | D. |                       |
| (vi) Profile correction for damaged brick soling.    |                               |    |    |    |                       |
| - $18 \times 3.0 (av) \times 0.100 = 5.40 m^3$       |                               |    |    |    |                       |
| (vii) Overlay for BT road position                   |                               |    |    |    |                       |
| - $4 \times 30 \times 4.05 \times 0.100 = 48.6 m^3$  |                               |    |    |    |                       |
| - $2 \times 4.05 \times 0.100 = 0.81 m^3$            |                               |    |    |    |                       |
|                                                      |                               |    |    |    | 49.41 m <sup>3</sup>  |
| (viii) Expt for widening at H. Curve-                |                               |    |    |    |                       |
| $2 \times 16 \times 3.0 (av) \times 0.100 = 9.6 m^3$ |                               |    |    |    |                       |
| Total qty for G.S.B. =                               |                               |    |    |    | 978.17 m <sup>3</sup> |

(30) Constn of WBM Gr-II by well graded material -

$$1 \times 50 \times 30 \times 3.75 \times 0.075 = 421.875 m^3$$

(32) Clearing & grubbing of Ret Land.

$$50 \times 30 \times 2 \times 1.50 = 4500 m^3$$

$$2 \times 29 \times 1.50 = 87 m^3$$

$$4587 m^3 \approx 4600 m^3$$

Abhishek  
Dhand  
05/09/20  
JE

Subhash  
05/09/20  
KE

Abstract of Cost

(1/1) Constn of Refn &

Working B.M -

Qty. 1.529 km (vide P-9)

@ 40 \$ 2.98/km — \$ 6197.00

Continuation

| Particulars                                                                                                             | Details of actual measurement |    |    |    | Contents of area                      |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|---------------------------------------|
|                                                                                                                         | No.                           | L. | B. | D. |                                       |
| [2/2] Constn of Ref <sup>n</sup> pillars/<br>barjee -                                                                   |                               |    |    |    |                                       |
| Qty - 1.529 km (vide P-9)                                                                                               |                               |    |    |    |                                       |
| @ 1853.06/km —                                                                                                          |                               |    |    |    | ₹ 2849.00                             |
| [3/3] clearing & grubbing<br>of road land -                                                                             |                               |    |    |    |                                       |
| Qty - 0.46 hect (vide P-11)                                                                                             |                               |    |    |    |                                       |
| @ 49496.70/hect —                                                                                                       |                               |    |    |    | ₹ 22,768.00                           |
| [4/4] Excavation of roadway<br>by manual means -                                                                        |                               |    |    |    |                                       |
| Qty - 95.69 m <sup>3</sup> (vide P-9)                                                                                   |                               |    |    |    |                                       |
| @ 122.150/m <sup>3</sup> —                                                                                              |                               |    |    |    | ₹ 4,360.00                            |
| [5/5] Constn of <sup>embankment with</sup> approved<br>material obtained from<br>borrow pit with lead<br>upto 1000 m. — |                               |    |    |    |                                       |
| Qty. 2440.92 m <sup>3</sup> (vide P-9)                                                                                  |                               |    |    |    |                                       |
| @ 175.110/m <sup>3</sup> —                                                                                              |                               |    |    |    | ₹ <del>610614.00</del><br>4,27,430.00 |
| [6/6] Constn of embankment<br>with approved material<br>obtained from borrow pit<br>with lead upto 100 m -              |                               |    |    |    |                                       |
| Continuation                                                                                                            |                               |    |    |    | 4,63,604.00                           |



| Particulars                                                  | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                              | No.                           | L. | B. | D. |                  |
| Qty. 610.23 m <sup>3</sup> (vide P-10)                       |                               |    |    |    |                  |
| @ 138.270/m <sup>3</sup>                                     |                               |    |    |    | ₹ 84,377.00      |
| [7/35] Dismantalling of existing structure - PCC             |                               |    |    |    |                  |
| Qty. 3.55 m <sup>3</sup> (vide P-8)                          |                               |    |    |    |                  |
| @ 463.280/m <sup>3</sup>                                     |                               |    |    |    | ₹ 1645.60        |
| [8/36] Dismantalling of existing structure - Brick masonry - |                               |    |    |    |                  |
| Qty. 85.48 m <sup>3</sup> (vide P-8)                         |                               |    |    |    |                  |
| @ 332.96/m <sup>3</sup>                                      |                               |    |    |    | ₹ 28461.00       |

|                                                               |  |  |  |  |          |
|---------------------------------------------------------------|--|--|--|--|----------|
| [9/37] Removing all type of H-pipe and stacking upto 600 dia. |  |  |  |  |          |
| Qty. 5.0 mtr (vide P-8)                                       |  |  |  |  |          |
| @ 169.11/mtr                                                  |  |  |  |  | ₹ 846.00 |

|                                                                      |  |  |  |  |           |
|----------------------------------------------------------------------|--|--|--|--|-----------|
| [10/38] Removing all types of H-pipe and stacking (above 900 mm dia) |  |  |  |  |           |
| Qty. 30 mtr (vide P-8)                                               |  |  |  |  |           |
| @ 139.50/mtr                                                         |  |  |  |  | ₹ 4185.00 |

|                                            |  |  |  |  |            |
|--------------------------------------------|--|--|--|--|------------|
| [11/15] E/w in excavation of CD            |  |  |  |  |            |
| work -                                     |  |  |  |  |            |
| Qty. (28 + 92.4) m <sup>3</sup> vide P-1,3 |  |  |  |  |            |
| @ 260.59/m <sup>3</sup>                    |  |  |  |  | ₹ 31375.00 |

Continuation: 614493.00

| Particulars                                         | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                     | No.                           | L. | B. | D. |                  |
| [12/16] Laying brick paving on prepared sub-grade   |                               |    |    |    |                  |
| Qty - 57.75 m <sup>2</sup> (vide P-4)               |                               |    |    |    |                  |
| @ 278.18/m <sup>2</sup>                             |                               |    |    |    | ₹ 16065.00       |
| [13/17] PCC M15 in levelling course -               |                               |    |    |    |                  |
| Qty (2.67+14.74) m <sup>3</sup> vide P-2,4)         |                               |    |    |    |                  |
| @ 5942.92/m <sup>3</sup>                            |                               |    |    |    | ₹ 103466.00      |
| [14/18] Brick masonry work in cement mortar in fall |                               |    |    |    |                  |
| Qty @ 56.59 m <sup>3</sup> (vide P-4)               |                               |    |    |    |                  |
| @ 5536.34/m <sup>3</sup>                            |                               |    |    |    | ₹ 313301.00      |
| [15/19] Providing PCC M15 in open fall -            |                               |    |    |    |                  |
| Qty - 24.86 m <sup>3</sup> vide P-2                 |                               |    |    |    |                  |
| @ 5678.810/m <sup>3</sup>                           |                               |    |    |    | ₹ 141,175.00     |
| [16/20] Providing PCC M20 in bedding for pipe -     |                               |    |    |    |                  |
| Qty - 2.61 m <sup>3</sup> (vide P-2)                |                               |    |    |    |                  |
| @ 6266.92/m <sup>3</sup>                            |                               |    |    |    | ₹ 16357.00       |
| [17/21] Brick Masonry work in                       |                               |    |    |    |                  |
| Continuation                                        |                               |    |    |    | 1204857.00       |

| Particulars                           | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------|-------------------------------|----|----|----|------------------|
|                                       | No.                           | L. | B. | D. |                  |
| Cement mortar in super structure -    |                               |    |    |    |                  |
| Qty - 38.11 m <sup>3</sup> (vide P-5) |                               |    |    |    |                  |
| @ 5767.86/m <sup>3</sup> —            |                               |    |    |    | ₹ 2,19,813.00    |
| [18/22] PCC M20 in sub-structure      |                               |    |    |    |                  |
| Qty 4.04 m <sup>3</sup> (vide P-5)    |                               |    |    |    |                  |
| @ 6460.12/m <sup>3</sup> —            |                               |    |    |    | ₹ 26,099.00      |
| [19/23] Providing & laying            |                               |    |    |    |                  |
| RCC M25 for deck slab -               |                               |    |    |    |                  |

|                                       |  |  |  |  |             |
|---------------------------------------|--|--|--|--|-------------|
| Qty - 3.307 m <sup>3</sup> (vide P-5) |  |  |  |  |             |
| @ 7410.72/m <sup>3</sup> —            |  |  |  |  | ₹ 24,507.00 |

|                                                    |  |  |  |  |             |
|----------------------------------------------------|--|--|--|--|-------------|
| [20/24] Supplying & fitting & placing of HVSD bars |  |  |  |  |             |
| Qty - 539.77 kg (vide P-6)                         |  |  |  |  |             |
| @ 57111.80/MT —                                    |  |  |  |  | ₹ 30,783.00 |

|                                                                |  |  |  |  |             |
|----------------------------------------------------------------|--|--|--|--|-------------|
| [21/25] Brick masonry work in cement mortar for parapet wall - |  |  |  |  |             |
| Qty (2.98 + 1.01) vide P-3, 6                                  |  |  |  |  |             |
| @ 5731.15/m <sup>3</sup> —                                     |  |  |  |  | ₹ 22,867.00 |

|                                |  |  |  |  |  |
|--------------------------------|--|--|--|--|--|
| [22/26] Plastering with cement |  |  |  |  |  |
|--------------------------------|--|--|--|--|--|

Continuation 15,02,827.00

| Particulars                                 | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------|-------------------------------|----|----|----|------------------|
|                                             | No.                           | L. | B. | D. |                  |
| (1.4) over brick work.                      |                               |    |    |    |                  |
| Qty (33.20 + 53.11) m <sup>3</sup> (vide P- |                               |    |    |    |                  |
| 3; P-7)                                     |                               |    |    |    |                  |
| @ 174.410/m <sup>2</sup>                    |                               |    |    |    | ₹ 15,053.00      |
| [23/27] Back filling behind                 |                               |    |    |    |                  |
| abutment, wing wall &                       |                               |    |    |    |                  |
| return wall -                               |                               |    |    |    |                  |
| Qty (39.93 + 21.04) m <sup>3</sup>          |                               |    |    |    |                  |
| vide P-3 & P-7                              |                               |    |    |    |                  |
| @ 638.49/m <sup>3</sup>                     |                               |    |    |    | ₹ 38,373.00      |

|                              |  |  |  |  |           |
|------------------------------|--|--|--|--|-----------|
| [24/28] providing deep holes |  |  |  |  |           |
| in Brick masonry -           |  |  |  |  |           |
| Qty. 22 Nos vide P-7         |  |  |  |  |           |
| @ 111.40/each                |  |  |  |  | ₹ 2451.00 |

|                                       |  |  |  |  |          |
|---------------------------------------|--|--|--|--|----------|
| [25/30] Neat cement punning           |  |  |  |  |          |
| on parapet -                          |  |  |  |  |          |
| Qty - 11.02 m <sup>2</sup> (vide P-8) |  |  |  |  |          |
| @ 27.90/m <sup>2</sup>                |  |  |  |  | ₹ 307.00 |

|                                      |  |  |  |  |          |
|--------------------------------------|--|--|--|--|----------|
| [26/31] PCC in sub-structure         |  |  |  |  |          |
| Qty - 0.09 m <sup>3</sup> (vide P-8) |  |  |  |  |          |
| @ 6460.12/m <sup>3</sup>             |  |  |  |  | ₹ 581.00 |

Continuation 15,595.92.00



| Particulars                         | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------|-------------------------------|----|----|----|------------------|
|                                     | No.                           | L. | B. | D. |                  |
| (27/32) Bedding for type B          |                               |    |    |    |                  |
| (M20) Laying for pipe -             |                               |    |    |    |                  |
| Qty. 2.61 m <sup>3</sup> (vide P-5) |                               |    |    |    |                  |
| @ 397.320/m <sup>3</sup>            |                               |    |    |    | ₹ 1037.00        |
| (28/34) Providing & laying          |                               |    |    |    |                  |
| RCC N.P-3 1000 mm $\phi$ B          |                               |    |    |    |                  |
| H. pipe                             |                               |    |    |    |                  |
| Qty - 7.5 mtr (vide P-2)            |                               |    |    |    |                  |
| @ 3873.260/m                        |                               |    |    |    | ₹ 29049.00       |
| (29/8) constn of G.S.B by well      |                               |    |    |    |                  |

|                                         |  |  |  |                |
|-----------------------------------------|--|--|--|----------------|
| graded material                         |  |  |  |                |
| Qty - 978.17 m <sup>3</sup> (vide P-11) |  |  |  |                |
| @ 2790.08/m <sup>3</sup>                |  |  |  | ₹ 27,29,173.00 |

|                                         |  |  |  |                |
|-----------------------------------------|--|--|--|----------------|
| (30/9) Providing, laying, spreading     |  |  |  |                |
| and compaction of water                 |  |  |  |                |
| Bound macadam (WBM-crD)                 |  |  |  |                |
| Qty. 421.875 m <sup>3</sup> (vide P-11) |  |  |  |                |
| @ 3404.97/m <sup>3</sup>                |  |  |  | ₹ 14,36,472.00 |
|                                         |  |  |  | 57,55,323.00   |
| less 0.21% as per agg -                 |  |  |  | (112086.00)    |
|                                         |  |  |  | 57,43,237.00   |
| Add 1/4 Labour cell -                   |  |  |  | 57,43,200.00   |
| Add 12% GST                             |  |  |  | 68,91,88.00    |
| Thus b/w amount -                       |  |  |  | 64,89,851.00   |

Abhishek  
Sondh  
05/07/20  
SE

Continuation  
05/07/20  
AZ

*[Signature]*