

MMSY. NDB BRICS

M.B.No-636

93-24

**Schedule XLY-Form No. 134**

Sakrohar to Badraja Road to Bhorat

Baso

Shreeji

DIVISION

392 54581. 070612 SUB-DIVISION

**MEASUREMENT BOOK**

Mukesh Kumar Singh

प्रमाणित किया जाता है कि २४  
मापी पुल में मशीन द्वारा  
अंकित कुल - 100 (रुक र्खें)  
पन्ने हैं जिससे सहायक  
अभियंता. ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल. बेलदौर  
का निर्माण किया जाता है

*Himal*  
Executive Engineer  
R.W.D. Works Div.  
Gogri

*Bask*  
5/8/23

Sch. XLV - Form No. 134

प्रमंडल. गोगरी DIVISION  
अवर प्रमंडल. बेलदौर SUB-DIVISION

## Measurement Book

636

No.

Name of officer \_\_\_\_\_



# ISTON Ale Bill

1

Name of Work—  
 Situation of Work—  
 Agency by which work is executed—  
 Date of Measurement—  
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

| Particulars                                                                         | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                     | No.                           | L. | B. | D. |                  |
| Name of Work - Construction of Road from Saksohar to Dadraja Road to Boharkat Basa. |                               |    |    |    |                  |
| Name of Agency - M. Kesh Kumar Singh                                                |                               |    |    |    |                  |
| Agreement No. 09 S.B.D. 12013.2024                                                  |                               |    |    |    |                  |
| Date of start - 13.07.2023                                                          |                               |    |    |    |                  |
| Date of Comp. 09.07.2024                                                            |                               |    |    |    |                  |

① Providing and fixing of working bench mark pillars —  
 Qty — 4 Nos

② clearing and grubbing Road land including uprooting - do  
 $4 \times 3000 \times 3.50 = 42000$   
 $4 \times 3000 \times 3.50 = 42000$   
 $4 \times 3000 \times 3.50 = 42000$   
 $4 \times 3000 \times 3.50 = 42000$   
 $1 \times 18.00 \times 3.50 = 63.00$

Continuation

Total. 174300m



# 2nd on A/c Bill

Sch. XIV Form No. 134

| Particulars                                                                       | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                   | No.                           | L. | B. | D. |                  |
| Name of Road - Construction of Road from Sakrohar to Dadra Road to Bhor Kot Bada. |                               |    |    |    |                  |
| Name of Agency - Mukesh Kumar Singh                                               |                               |    |    |    |                  |
| Agreement No - 09 S.B.D of 2023-2024                                              |                               |    |    |    |                  |
| Date of start - 10.7.2023                                                         |                               |    |    |    |                  |
| Date of Comp. 09.07.2024                                                          |                               |    |    |    |                  |

## ① Earthwork in Excavation

|                                                                  |  |  |  |  |         |
|------------------------------------------------------------------|--|--|--|--|---------|
| of structure - as -                                              |  |  |  |  |         |
| Box Culvert - $6.00 \times 2.90 \times 0.60 = 10.44 \text{ m}^3$ |  |  |  |  |         |
| Cent. of wall $2 \times 2.90 \times 1.30 \times 1.80 = 13.57$    |  |  |  |  |         |
| Retain wall - $4 \times 2.50 \times 3.22 \times 1.40 = 45.04$    |  |  |  |  |         |
| Total                                                            |  |  |  |  | 69.05 m |

## ② Providing Concrete for Plain/Reinforced Concrete in open foundation -

|                                                    |  |  |  |  |        |
|----------------------------------------------------|--|--|--|--|--------|
| $6.00 \times 1.90 \times 0.100 = 1.14 \text{ m}^3$ |  |  |  |  |        |
| $4 \times 2.50 \times 2.22 \times 0.200 = 4.43$    |  |  |  |  |        |
| Total                                              |  |  |  |  | 5.57 m |



# ABSTRACT of COST

14

Sch. XLV-Form No. 134

| Particulars                              | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------|-------------------------------|----|----|----|------------------|
|                                          | No.                           | L. | B. | D. |                  |
| ① Setting out Benchmarks                 |                               |    |    |    |                  |
| Pillars 2 Nos per                        |                               |    |    |    |                  |
| K. m. 8 Nos of                           |                               |    |    |    |                  |
| city vid T.M.B.H. (5)                    |                               |    |    |    |                  |
| incl (1) city 4 Nos                      |                               |    |    |    |                  |
| CP. 282564 / Nos =                       |                               |    |    |    | 11303 =          |
| ② Clearing and grubbing                  |                               |    |    |    |                  |
| Road land including                      |                               |    |    |    |                  |
| uprooting - do -                         |                               |    |    |    |                  |
| city vid T.M.B.H. (5)                    |                               |    |    |    |                  |
| incl (2) city 17 Nos                     |                               |    |    |    |                  |
| CP. 72697.36 / =                         |                               |    |    |    | 12649 =          |
| ③ Construction of emb                    |                               |    |    |    |                  |
| ment for the app                         |                               |    |    |    |                  |
| posed material.                          |                               |    |    |    |                  |
| city vid T.M.B.H. (5)                    |                               |    |    |    |                  |
| incl (3) 1800 m                          |                               |    |    |    |                  |
| CP. 957.40 / m =                         |                               |    |    |    | 46332 =          |
| city 72095 m <sup>3</sup> @ 184 40 / m = |                               |    |    |    | 132804 =         |
| ④ Construction of sub                    |                               |    |    |    |                  |
| grade earthen                            |                               |    |    |    |                  |
| shoulders - do -                         |                               |    |    |    |                  |
| city vid T.M.B.H. (5)                    |                               |    |    |    |                  |
| incl (4) city 1608782                    |                               |    |    |    |                  |
| CP. 260.93 / m =                         |                               |    |    |    | 419779 =         |
| Total                                    |                               |    |    |    | 622867 =         |

Continuation



| Particulars                                                                                                                                                               | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                           | No.                           | L. | B. | D. |                  |
| (5) Construction of gromular<br>Sub base for road<br>Wallpack material<br>Qty visit M. 13/11/6<br>ilmt (5) Qty. 402.41 m <sup>3</sup><br>CA 3562.33/m = 1451329=          |                               |    |    |    |                  |
| (6) Providing laying, grading<br>and Compaction of<br>aggregate. do -<br>Qty visit M. 13/11/6<br>ilmt (6) Qty. 141.46 m <sup>3</sup><br>CA 5210.54/m <sup>3</sup> 737083= |                               |    |    |    |                  |

|                                                                                                                                                                                          |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| (7) Providing and fixing of<br>typical m.m.b.s<br>informative signboard<br>on Road - do -<br>Qty visit M. 13/11/6<br>ilmt (7) Qty. 2 Nos<br>CA 15546.2/m = 31092=                        |  |  |  |  |  |
| (8) Earthwork excavation<br>for foundation of<br>shoulders - do -<br>Qty visit M. 13/11/6<br>ilmt (8) Qty. 69.05 m <sup>3</sup><br>CA 410.66/m <sup>3</sup> = 28356=<br>Total = 2870727= |  |  |  |  |  |



| Particulars                                                                                                                                                                                                | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                                            | No.                           | L. | B. | D. |                  |
| 9 Providing Concrete for<br>Plain Reinforced Concr<br>late in open Foundation<br>Qty vol in m <sup>3</sup> B <sup>2</sup> H<br>Unit ⑤ Qty. 5.57 m <sup>3</sup><br>CB. 7546.42 / m <sup>3</sup> = 42033 =   |                               |    |    |    |                  |
| 10 Providing Concrete for<br>Plain Reinforced Concr<br>in open Foundation —<br>Qty vol in m <sup>3</sup> B <sup>2</sup> H ⑩<br>Unit ⑤ Qty. 21.42 m <sup>3</sup>                                            |                               |    |    |    |                  |
| 11 Plain Reinforced Concr<br>in sub. structures —<br>Qty vol in m <sup>3</sup> B <sup>2</sup> H ⑩<br>Unit ⑤ Qty. 8.06 m <sup>3</sup><br>CB. 8651.22 / m <sup>3</sup> = 69728 =                             |                               |    |    |    |                  |
| 12 Providing weepholes<br>in brick masonry<br>work / Plain —<br>Qty vol in m <sup>3</sup> B <sup>2</sup> H ⑩<br>Unit ⑤ Qty. 26 m <sup>3</sup><br>CB. 130.99 / m <sup>3</sup> = 4716 =<br>Total = 3165585 = |                               |    |    |    |                  |



| Particulars                                                                  | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                              | No.                           | L. | B. | D. |                  |
| (12) Plin/reinforced Cement concrete in sub structure - do -                 |                               |    |    |    |                  |
| Qty vol in m <sup>3</sup> (11)                                               |                               |    |    |    |                  |
| Net H (7) 6.15 m <sup>3</sup>                                                |                               |    |    |    |                  |
| Qb 9145.46 / m <sup>3</sup> = 56244 =                                        |                               |    |    |    |                  |
| (13) Supplying fitting and laying HYSID bar reinforcement in sub structure - |                               |    |    |    |                  |
| Qty vol in m <sup>3</sup> BPH (10)                                           |                               |    |    |    |                  |
| Net H (6) 0.738 m <sup>3</sup>                                               |                               |    |    |    |                  |
| Qb - 83912.13 / m <sup>3</sup> = 27523 =                                     |                               |    |    |    |                  |
| (14) Back filling behind abutment wing wall and return wall - do -           |                               |    |    |    |                  |
| Qty vol in m <sup>3</sup> BPH (12)                                           |                               |    |    |    |                  |
| Net H (9) 16.54 m <sup>3</sup>                                               |                               |    |    |    |                  |
| Qb - 959.83 / m <sup>3</sup> = 15876 =                                       |                               |    |    |    |                  |
| (15) Providing and laying filter media with granular sub base.               |                               |    |    |    |                  |
| Qty vol in m <sup>3</sup> BPH (12)                                           |                               |    |    |    |                  |
| Qty. 11.53 m <sup>3</sup>                                                    |                               |    |    |    |                  |
| Qb - 4183.22 / m <sup>3</sup> = 48232 =                                      |                               |    |    |    |                  |
| Total -                                                                      |                               |    |    |    | 337416.          |



| Particulars                                                 | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                             | No.                           | L. | B. | D. |                  |
| (16) Plain/reinforced cement concrete in substructure       |                               |    |    |    |                  |
| Complete - do -                                             |                               |    |    |    |                  |
| Qty. vol. in m <sup>3</sup> (12)                            |                               |    |    |    |                  |
| Unit (10) of 2.76 m                                         |                               |    |    |    |                  |
| @ 9956.41 / m <sup>3</sup> = 27479 =                        |                               |    |    |    |                  |
| (17) Providing and laying reinforced cement concrete - do - |                               |    |    |    |                  |
| Qty. vol. in m <sup>3</sup> (12)                            |                               |    |    |    |                  |
| Unit (11) of 2.93 m                                         |                               |    |    |    |                  |
| @ 869.22 / m = 25230 =                                      |                               |    |    |    |                  |

|                                                            |  |  |  |  |           |
|------------------------------------------------------------|--|--|--|--|-----------|
| (18) Drainage structure complete as per drawing and - do - |  |  |  |  |           |
| Qty. vol. in m <sup>3</sup> (13)                           |  |  |  |  |           |
| Unit (12) of 4 m                                           |  |  |  |  |           |
| @ 873.44 / m = 3494 =                                      |  |  |  |  |           |
| Total 3430472 =                                            |  |  |  |  |           |
| Add. 10% GST + 1% L.C. →                                   |  |  |  |  | 651790 =  |
| Add. S.F. - Add. total →                                   |  |  |  |  | 61514 =   |
| Total                                                      |  |  |  |  | 4143776 = |
| Less 10% B.E. (40) →                                       |  |  |  |  | 414378 =  |
|                                                            |  |  |  |  | 3729398 = |
| Less 1% on P.C. (1)                                        |  |  |  |  | 3061032 = |
| Net B →                                                    |  |  |  |  | 6683662 = |

Continuation

CEP  
Mansoor  
3/4/2024  
EE 01/04/24  
AE

Jino  
01.04.2024