

mmgsy (Gien)

Shedule XLV Form No. 134

705-17-11-11-11-11

SINHN 07

DIVISION

SUB-DIVISION

41-24222221

Measurement Book

2262

श्री 3110119 श्री 3110119

श्री 3110119

प्रमाणित किया जाता है कि इस  
आदि कुस्तिना के संबंध में ज्ञात किन्हीं  
कुछ 100 एन सी केने है, नद मणि  
कुस्तिना श्री अनाया अनाया अनाया  
सहायक अभिलेखा कार्यालय नदि  
विभाग मणि अवर प्रमोशन  
मन्त्रालय के मात के निर्गत किया  
जाता है।

22/10/21

EXECUTIVE ENGINEER  
H. V. D. VISHVA KARAN  
BOMBE-1

22/10/21

Sch. XLV-Form No. 134

SIVANAJ DIVISION

मन्त्रालय SUB-DIVISION

# MEASUREMENT BOOK

No. 2262

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

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 measurements relating to each work.)

| Particulars               | Details of actual measurement |    |    |    | Contents of area |
|---------------------------|-------------------------------|----|----|----|------------------|
|                           | No.                           | L. | B. | D. |                  |
| Det R/A Bill              |                               |    |    |    |                  |
| Niladri - Construction of |                               |    |    |    |                  |
| Road From T.O.S To        |                               |    |    |    |                  |
| Narayankpur (Nagarkhet)   |                               |    |    |    |                  |
| Purab Tola under          |                               |    |    |    |                  |
| mmgsy (Gau) in            |                               |    |    |    |                  |
| Pachasahi Block           |                               |    |    |    |                  |
| Name of Contractor: Atul  |                               |    |    |    |                  |
| Kumar Singh               |                               |    |    |    |                  |

At Anand, Suram - 841236

Registration No - 216/461

PAN - BHEPS9475F

GST No - 10BHEPS9475F

Letter Attachment No - (CE-3)

Letter No 5161 Date dtd 16/7/2021

Agf No - 07 SEP/2021-2022

DOA - 08/9/2021

Date of Bid - 02/08/2021

Date of Completion

(As per Agf) :- 01/08/2022

Agreement Value :-

(i) Construction work ₹ 81.53940

(ii) Five years maintenance ₹ 9.8495

Continuation

Total ₹ 91.3889

LCS

Sch. XLV-Form No. 13A

| Particulars                                          | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                      | No.                           | L. | B. | D. |                  |
| Rate:- @ 21.01% Below B.O.Q.                         |                               |    |    |    |                  |
| (A) A.A. Amount:- ₹ 118.200198                       |                               |    |    |    |                  |
| vide letter No:-                                     |                               |    |    |    |                  |
| आविर्ग BRRDA (H.Q.) - KMG'SY -                       |                               |    |    |    |                  |
| 187/18 - 1163/42-1, दिनांक 21-09-2020                |                               |    |    |    |                  |
| Priority no of SSCN-1 - 12090                        |                               |    |    |    |                  |
| S.No - 97, Population covered 423                    |                               |    |    |    |                  |
| Length - 1.450 km                                    |                               |    |    |    |                  |
| (B) T.S. Amount:- ₹ 117.99144                        |                               |    |    |    |                  |
| vide G.E.R. WD, Petition dated 04/3/2020             |                               |    |    |    |                  |
|                                                      |                               |    |    |    |                  |
|                                                      |                               |    |    |    |                  |
| [C] Work to Bedone:-                                 |                               |    |    |    |                  |
| (As per Agt)                                         |                               |    |    |    |                  |
| (i) BT → 1.200 km                                    |                               |    |    |    |                  |
| (ii) cc → 250 km                                     |                               |    |    |    |                  |
| Total 1.450 km                                       |                               |    |    |    |                  |
| (ii) R.C.C. cement:- 1 Nos                           |                               |    |    |    |                  |
| [D] Work Done:- (Till the next Date):-               |                               |    |    |    |                  |
| (i) BT:-                                             |                               |    |    |    |                  |
| (a) From Ch 0.00 m to 185.00 m (60.00 m) 185.00 m    |                               |    |    |    |                  |
| (b) From Ch 185.00 m to 435.00 m (250.00 m) 245.00 m |                               |    |    |    |                  |
| (c) Total BT (L):- 435.00 m                          |                               |    |    |    |                  |
| (ii) c.c. From Ch 60.00 m to 435.00 m (250.00 m)     |                               |    |    |    |                  |
| [D] Total (c.c.) Work done:- 680.00 m                |                               |    |    |    |                  |

Continuation

Continuation

2/2/2009

Sch. XLV-Form No. 134

| Particulars                                                                           | Details of actual measurement |   |   |   | Contents of area        |
|---------------------------------------------------------------------------------------|-------------------------------|---|---|---|-------------------------|
|                                                                                       | No.                           | L | B | D |                         |
| Work (1/4) Excavation                                                                 |                               |   |   |   |                         |
| 3.5m for road way in                                                                  |                               |   |   |   |                         |
| Box cutting to top of                                                                 |                               |   |   |   |                         |
| 1.5m RT Pavement                                                                      |                               |   |   |   |                         |
| (Box cutting Box cutting)                                                             |                               |   |   |   |                         |
| Date 27/2 to 5/2                                                                      |                               |   |   |   |                         |
| 185.0m <sup>2</sup> $2[(6 \times 30.0m) + (1 \times 5.0m)] \times 0.5m \times 0.10m$  |                               |   |   |   |                         |
|                                                                                       |                               |   |   |   | = 19.425 m <sup>3</sup> |
| 245.0m <sup>2</sup> $2[(6 \times 30.0m) + (1 \times 5.0m)] \times 0.5m \times 0.10m$  |                               |   |   |   |                         |
|                                                                                       |                               |   |   |   | = 25.725 m <sup>3</sup> |
| (1) For C.C. Pavement                                                                 |                               |   |   |   |                         |
| 250.0m <sup>2</sup> $2[(6 \times 30.0m) + (1 \times 10.0m)] \times 0.8m \times 0.10m$ |                               |   |   |   |                         |
|                                                                                       |                               |   |   |   | = 18.75 m <sup>3</sup>  |

Total Qty (C.C.) = 63.90 m<sup>3</sup>C.C.  
Rate  
11

Work (5/8) Construction of

4.1. C.C. in RT Pavement  
do do as per 6.10

Date 10/2 To 20/2

(1) Do do in widening Pavement

 $2[(6 \times 30.0m) + (1 \times 5.0m)] \times 0.5m \times 0.10m$ = 19.425 m<sup>3</sup> $2[(6 \times 30.0m) + (1 \times 5.0m)] \times 0.5m \times 0.10m$ = 25.725 m<sup>3</sup>(1) Total C.C. Continuation = 45.15 m<sup>3</sup>

Sch. XLV-Form No. 134

| Particulars                                                                        | Details of actual measurement |                                                                          |    |                           | Contents of area                 |
|------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------|----|---------------------------|----------------------------------|
|                                                                                    | No.                           | L.                                                                       | B. | D.                        |                                  |
| (ii) GSB in lathe-cutulated Portion                                                |                               |                                                                          |    |                           |                                  |
|                                                                                    |                               | $1 \times 2.80 \times 1.25 \times 0.05$                                  |    |                           | $= 0.55 \text{ m}^3$             |
|                                                                                    |                               | $4 \times 3.46 \times 1.70 \times 0.05$                                  |    |                           | $= 4.56 \text{ m}^3$             |
|                                                                                    |                               | $5 \times 6.10 \times 0.85 \times 0.05$                                  |    |                           | $= 1.30 \text{ m}^3$             |
|                                                                                    |                               | $5 \times 7.40 \times 0.50 \times 0.05$                                  |    |                           | $= 0.88 \text{ m}^3$             |
|                                                                                    |                               | $2 \times 10.20 \times 2.25 \times 0.05$                                 |    |                           | $= 2.21 \text{ m}^3$             |
|                                                                                    |                               | $9 \times 11.40 \times 1.80 \times 0.05$                                 |    |                           | $= 2.97 \text{ m}^3$             |
|                                                                                    |                               | $6 \times 8.00 \times 1.35 \times 0.05$                                  |    |                           | $= 3.24 \text{ m}^3$             |
|                                                                                    |                               | $2 \times 5.50 \times 0.95 \times 0.05$                                  |    |                           | $= 0.52 \text{ m}^3$             |
|                                                                                    |                               | $9 \times 7.60 \times 1.90 \times 0.05$                                  |    |                           | $= 5.02 \text{ m}^3$             |
|                                                                                    |                               | $12 \times 2.20 \times 0.60 \times 0.05$                                 |    |                           | $= 0.70 \text{ m}^3$             |
|                                                                                    |                               | $8 \times 5.40 \times 1.60 \times 0.05$                                  |    |                           | $= 3.45 \text{ m}^3$             |
|                                                                                    |                               | $10 \times 1.40 \times 0.80 \times 0.05$                                 |    |                           | $= 0.45 \text{ m}^3$             |
| (ii) Total in cutulated Portion                                                    |                               |                                                                          |    |                           | $\Rightarrow 26.02 \text{ m}^3$  |
| (iii) GSB in Full widths                                                           |                               |                                                                          |    |                           |                                  |
|                                                                                    |                               | $185.0 \text{ m} [(6 \times 30.0 \text{ m}) + (6 \times 5.0 \text{ m})]$ |    | $\times 4.05 \times 0.10$ | $= 74.98 \text{ m}^3$            |
|                                                                                    |                               | $245.0 \text{ m} [(6 \times 30.0 \text{ m}) + (6 \times 5.0 \text{ m})]$ |    | $\times 4.05 \times 0.10$ | $= 99.225 \text{ m}^3$           |
| (iii) Total (i) $\Rightarrow 430.0 \text{ m}$ Qty $\Rightarrow 174.15 \text{ m}^3$ |                               |                                                                          |    |                           |                                  |
| Total GSB in B.T. Portion (i) + (ii) + (iii)                                       |                               |                                                                          |    |                           |                                  |
|                                                                                    |                               | $12. (45.15 \text{ m}^3 + 26.02 \text{ m}^3 + 174.15 \text{ m}^3)$       |    |                           | $\Rightarrow 245.32 \text{ m}^3$ |

Continuation

Chief  
22/4/2022  
JL

Self-Service Form No. 134

| Particulars                                                                                                                          | Details of actual measurement |   |   |   | Contents of area                |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|---|---------------------------------|
|                                                                                                                                      | No.                           | L | B | D |                                 |
| Slender (9/10) Construction                                                                                                          |                               |   |   |   |                                 |
| 41. of G.S.B. dc - do                                                                                                                |                               |   |   |   |                                 |
| w/ (C.C. Portion)                                                                                                                    |                               |   |   |   |                                 |
| dc - do @ 10                                                                                                                         |                               |   |   |   |                                 |
| Date 25/5/2022 to 28/5/2022                                                                                                          |                               |   |   |   |                                 |
| (i) Do - do in Lehlaing Portion                                                                                                      |                               |   |   |   |                                 |
| $250 \text{ cm}^2 \left[ (8 \times 30.0 \text{ m}) + (1 \times 10.0 \text{ m}) \right] \times 0.375 \text{ m} \times 0.10 \text{ m}$ |                               |   |   |   |                                 |
|                                                                                                                                      |                               |   |   |   | $= 18.75 \text{ m}^3$           |
| (ii) in Onduloket Portion                                                                                                            |                               |   |   |   |                                 |
| $4 \times 10.50 \times 2.20 \times 0.05 = 4.62 \text{ m}^3$                                                                          |                               |   |   |   |                                 |
| $25 \times 1.20 \times 0.60 \times 0.05 = 1.20 \text{ m}^3$                                                                          |                               |   |   |   |                                 |
| $1 \times \frac{12.00 + 11.20}{2} \times \frac{2.50 + 2.40}{2} \times 0.05 = 1.51 \text{ m}^3$                                       |                               |   |   |   |                                 |
| $1 \times 3.60 \times 0.95 \times 0.05 = 0.17 \text{ m}^3$                                                                           |                               |   |   |   |                                 |
| $1 \times 3.70 \times 1.10 \times 0.05 = 0.19 \text{ m}^3$                                                                           |                               |   |   |   |                                 |
| (ii) Total G.S.B. in Onduloket Portion                                                                                               |                               |   |   |   | $\Rightarrow 7.69 \text{ m}^3$  |
| Total G.S.B. in C.C. Portion $\Rightarrow$ (i) + (ii)                                                                                |                               |   |   |   |                                 |
| i.e. $(18.75 \text{ m}^3 + 7.69 \text{ m}^3)$                                                                                        |                               |   |   |   |                                 |
|                                                                                                                                      |                               |   |   |   | $\Rightarrow 26.44 \text{ m}^3$ |

Continuation

Calculated  
28/5/2022  
JE

Continuation

$$= 2[(8 \times 30.0m) + (1 \times 5.0m)] \times \frac{(1.888 + 1.181)}{2}$$
$$\times 0.275m$$
$$= 130.70m^3$$
$$= 173.08m^3$$

Total Qty  $\Rightarrow 408.47 \text{ m}^3$

~~Grade~~  
20142021

$$2 \left[ (2 \times 800 \text{ m}) + (2 \times 20 \text{ m}) \right] \times (2.085 + 1.125)$$

(i) देखिए कि  $\frac{1}{x}$  का मान  $x$  के साथ क्या होता है।

2d/ of 1124.55 = 224.91m<sup>3</sup> ⇒ 1124.55m<sup>3</sup>

Continuation

~~94.20 (12%) Cost of Eubank ~~64~~  
 80.20 x 1.12 = 89.82 ~~64~~  
 1.12/2022~~

[illegible]

Continuation

| Particulars                      | Details of actual measurement |   |   |    | Contents of area |
|----------------------------------|-------------------------------|---|---|----|------------------|
|                                  | No.                           | L | B | D. |                  |
| Item R/A/B/11                    |                               |   |   |    |                  |
| Abstract of (cont)               |                               |   |   |    |                  |
| Date of Boring:- 6/6/2022        |                               |   |   |    |                  |
| At City wide T. M. B             |                               |   |   |    |                  |
| Item (1) Providing and           |                               |   |   |    |                  |
| 1.16. Fixing boulevards          |                               |   |   |    |                  |
| du to as per (1)                 |                               |   |   |    |                  |
| P/3 item (1)                     |                               |   |   |    |                  |
| 0.680 km                         |                               |   |   |    |                  |
| @ ₹ 3793.18/km ₹ 2580 = w        |                               |   |   |    |                  |
| Item (2) Providing and           |                               |   |   |    |                  |
| 1.16. Fixing of Pillar           |                               |   |   |    |                  |
| du to as per (1)                 |                               |   |   |    |                  |
| P/3 item (2)                     |                               |   |   |    |                  |
| 0.680 km @ ₹ 17994/km ₹ 1190 = w |                               |   |   |    |                  |
| Item (3) Clearing and            |                               |   |   |    |                  |
| 2.2. Graveling the               |                               |   |   |    |                  |
| road land du to as per (1)       |                               |   |   |    |                  |
| P/3 item (3) 0.272 Hect          |                               |   |   |    |                  |
| @ ₹ 52970.93/Hect ₹ 14407 = w    |                               |   |   |    |                  |
| Item (4) Excavation for          |                               |   |   |    |                  |
| 3.5(iii) roadways in box-        |                               |   |   |    |                  |
| Center du to as per (1)          |                               |   |   |    |                  |
| P/4 item (4)                     |                               |   |   |    |                  |
| 63.90 m³                         |                               |   |   |    |                  |
| @ ₹ 75.57/m³ ₹ 4828 = w          |                               |   |   |    |                  |
| ₹ 23005 = w                      |                               |   |   |    |                  |
| Continuation                     |                               |   |   |    |                  |

Sch. XLV-Form No. 134

| Particulars                              | Details of actual measurement |   |   |   | Contents of area |
|------------------------------------------|-------------------------------|---|---|---|------------------|
|                                          | No.                           | L | B | D |                  |
|                                          |                               |   |   |   | B. I ₹ 23005=40  |
| Item No (5) Construction of              |                               |   |   |   |                  |
| 3.4. of Blue metal road                  |                               |   |   |   |                  |
| du to 100mm                              |                               |   |   |   |                  |
| 100mm lead du to 100mm                   |                               |   |   |   |                  |
| P/8 item No (11/2) (i)                   |                               |   |   |   |                  |
| 224.91 m <sup>3</sup>                    |                               |   |   |   |                  |
| @ ₹ 190.51/m <sup>3</sup> ₹ 42,862=40    |                               |   |   |   |                  |
| Item No (6) Construction of              |                               |   |   |   |                  |
| 3.3+3.5 (ii) Embankment cut              |                               |   |   |   |                  |
| du to 100mm lead                         |                               |   |   |   |                  |
| P/8 item No (13/6) 879.64 m <sup>3</sup> |                               |   |   |   |                  |

@ ₹ 153.66/m<sup>3</sup> ₹ 138238=40

|                                          |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|
| Item No (7) Construction of              |  |  |  |  |  |
| 3.14. Sub Grade Shoulder                 |  |  |  |  |  |
| du to as per spec                        |  |  |  |  |  |
| P/8 item No (14/5) 408.47 m <sup>3</sup> |  |  |  |  |  |
| @ ₹ 192.25/m <sup>3</sup> ₹ 78528=40     |  |  |  |  |  |

|                                        |  |  |  |  |  |
|----------------------------------------|--|--|--|--|--|
| Item No (8) Cost of GCB                |  |  |  |  |  |
| 4.1. du to in RT portion               |  |  |  |  |  |
| 612                                    |  |  |  |  |  |
| P/4 - 5 item No (9/8)                  |  |  |  |  |  |
| 245.32 m <sup>3</sup>                  |  |  |  |  |  |
| @ ₹ 284.95/m <sup>3</sup> ₹ 69777.5=40 |  |  |  |  |  |

Continuation ₹ 980407=40

Sch. XLV-Form No. 134

| Particulars                                                                                                                             | Details of actual measurement |   |   | Contents of area                       |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|----------------------------------------|
|                                                                                                                                         | No.                           | L | B |                                        |
|                                                                                                                                         |                               |   |   | B.R.R 9.840720                         |
| Item NO (7/5) Construction of Green Providing Laying and Spreading with Stone-metel Gr-3 in B.T. Position do do as per direction of P/7 | 47.3A                         |   |   |                                        |
|                                                                                                                                         |                               |   |   | 120.9975 m <sup>3</sup>                |
|                                                                                                                                         |                               |   |   | @ ₹ 3678.49/m <sup>3</sup> ₹ 444867.20 |
| Item NO (7/5) Construction                                                                                                              |                               |   |   |                                        |

|                                                                   |       |  |  |                                                                         |
|-------------------------------------------------------------------|-------|--|--|-------------------------------------------------------------------------|
|                                                                   |       |  |  | of Granular sub base of providing WBM Grade 1 Materials (C Position) El |
| P/6 Item NO (7/10)                                                |       |  |  | 26.41 m <sup>3</sup>                                                    |
|                                                                   |       |  |  | @ ₹ 2844.35/m <sup>3</sup> ₹ 75204.40                                   |
| Item NO (7/4) Providing WBM (Gr-3) do do (C.C Position) El        | 47.3A |  |  |                                                                         |
| P/7 Item NO (7/14)                                                |       |  |  | 70.3125 m <sup>3</sup>                                                  |
|                                                                   |       |  |  | @ ₹ 3678.49/m <sup>3</sup> ₹ 258648.40                                  |
| Item NO (7/15) Cost of un-reinforced G.C. RCC masonry of do do El |       |  |  | P/7 Item NO (7/15)                                                      |

Continuation ₹ 2815760.00

Sch. XLV-Form No. 134

| Particulars                         | Details of actual measurement |   |   |   | Contents of area |
|-------------------------------------|-------------------------------|---|---|---|------------------|
|                                     | No.                           | L | B | D |                  |
| [A] —————                           |                               |   |   |   | 28,157.60=w      |
| (i) Add L.C. do do 800              |                               |   |   |   |                  |
| ⑥ 1.10% of Ammouli "A"              |                               |   |   |   |                  |
|                                     |                               |   |   |   | ⊕ 28,157=w       |
| (ii) Add C.E.T. do do 800           |                               |   |   |   |                  |
| ⑥ 1.210% of Ammouli "A"             |                               |   |   |   |                  |
|                                     |                               |   |   |   | ⊕ 28,157=w       |
| (iii) Add Seigniorage fee do do 800 |                               |   |   |   |                  |
| ⑥ 1.45897% of Ammouli "A"           |                               |   |   |   |                  |
|                                     |                               |   |   |   | ⊕ 28,157=w       |

28,157.60=w

Less @ 21.01% Bolind

BOL

⊖ 28,157.60=w

Nett Payable Ammouli 25,457.60=w

100  
7/6/2022  
JE

Continuation

[A]

No. 1 2 3 4 Contents of area

A.P. 29.15 160

(i) Add L.C. do do 800

⑥ 1.00% of Amount "A"

④ 29.157 = 4

(ii) Add C.E.T. do do 800

⑥ 1.20% of Amount "A"

④ 337.891 = 4

(iii) Add Seigniorage fee

do do 800

⑥ 1.45897% of

Amount "A"

④ 410.81 = 4

2 32,22,889 = 4

Less @ 21.01% Below

BOB

④ 677.129 = 4

Net Payable Amount 25,45,760 = 4

6/6/22  
RE

6/6/22  
RE