

माना जाता है कि इस माप पुस्तक में कुल 100  
(एक सौ) मुद्रित दोहरे पृष्ठ हैं। जो श्री. अजीत कुमार दास  
सहायक अभियंता, ग्रा.का.वि. कार्य अवर प्रमण्डल, ~~अहमदाबाद~~  
के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता  
ग्रा.का.वि. कार्य प्रमण्डल  
अहमदाबाद-२  
२३/१२

Sch. XLV—Form No. 134

RWD. Kishangirij-2 DIVISION

RWD. Thakurganj SUB-DIVISION

# Measurement Book

No. 1540

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

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

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

# FDR PART - 'A'

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 measurements relating to each work.)

| the measurements relating to each work.) |                                                                              |    |    |    |                       |
|------------------------------------------|------------------------------------------------------------------------------|----|----|----|-----------------------|
| Particulars                              | Details of actual measurement                                                |    |    |    | Contents of area      |
|                                          | No.                                                                          | L. | B. | D. |                       |
| N/W:-                                    | Nuri Chowk SH 63 to                                                          |    |    |    |                       |
|                                          | Azam Nagar under                                                             |    |    |    |                       |
|                                          | Thakurvi blocks.                                                             |    |    |    |                       |
| length-                                  | 2.783 km                                                                     |    |    |    |                       |
| Agency:-                                 | Departmental works                                                           |    |    |    |                       |
| Date of Entry:-                          | 15/09/2021                                                                   |    |    |    |                       |
| Record measurement.                      |                                                                              |    |    |    |                       |
| Item 1-                                  | Providing and laying                                                         |    |    |    |                       |
|                                          | reinforcement Cement                                                         |    |    |    |                       |
|                                          | concrete pipe NPS                                                            |    |    |    |                       |
|                                          | For Restoration                                                              |    |    |    |                       |
|                                          | $3 \times 6 \times 2.50 = 45.0 \text{ M}$                                    |    |    |    |                       |
| Item 2.                                  | P.V. bottle bats including                                                   |    |    |    |                       |
|                                          | stretching laying completely                                                 |    |    |    |                       |
|                                          | with all comp.                                                               |    |    |    |                       |
|                                          | $1 \times (30 + 15.30) \times 5.117 + 10.517/2 \times$                       |    |    |    |                       |
|                                          | $3.10 + 2.80 + 2.60 + 2.30/4 = 956.0 \text{ M}^2$                            |    |    |    |                       |
|                                          | $1 \times 17.0 \times 0.80 + 2.725/2 \times$                                 |    |    |    |                       |
|                                          | $2.10 + 2.30 + 1.75 + 1.55/4 =$                                              |    |    |    |                       |
|                                          | Less HP - $2 \times 3.14 \times (1.23/2)^2 \times 45.30 = 53.44 \text{ M}^2$ |    |    |    |                       |
|                                          |                                                                              |    |    |    | 902.56 M <sup>2</sup> |
| for<br>15/9/21<br>AE                     |                                                                              |    |    |    |                       |
| for<br>15/9/21<br>AE                     |                                                                              |    |    |    |                       |

Continuation

| Particulars | Details of actual measurement |    |    |    | Contents of area                                         |
|-------------|-------------------------------|----|----|----|----------------------------------------------------------|
|             | No.                           | L. | B. | D. |                                                          |
| Phase - I   |                               |    |    |    |                                                          |
|             |                               |    |    |    | $(30+15.30) \times 5.117 + 8.967/2 \times$               |
|             |                               |    |    |    | $2.60 + 1.90 + 1.70 + 1.50/4 = 614.08$<br>m <sup>3</sup> |
| 4s -        |                               |    |    |    | $1 \times 16.0 \times 2.3 + 3.75/2 \times$               |
|             |                               |    |    |    | $1.40 + 1.50/2 = 70.18$ m <sup>3</sup>                   |
| 11s -       |                               |    |    |    | $1 \times 13.0 \times 2.35 + 3.85/2 \times$              |
|             |                               |    |    |    | $1.20 + 1.60/2 = 57.33$                                  |
|             |                               |    |    |    | 741.59 m <sup>3</sup>                                    |
|             |                               |    |    |    | <del>29/9/21</del><br>AE                                 |
|             |                               |    |    |    | <del>29/10/21</del><br>AE                                |
| Phase - II  |                               |    |    |    |                                                          |
|             |                               |    |    |    | $1 \times 16.0 \times 2.45 + 5.25/2 \times$              |
|             |                               |    |    |    | $1.30 + 1.50 + 1.6 + 1.20/4 = 86.24$<br>m <sup>3</sup>   |
|             |                               |    |    |    | Total 1730.49 m <sup>3</sup>                             |

|                          |  |  |  |  |                                                        |
|--------------------------|--|--|--|--|--------------------------------------------------------|
|                          |  |  |  |  | <del>16/10/21</del><br>AE                              |
| Item 3:- Labour for Sand |  |  |  |  | <del>16/10/21</del><br>AE                              |
| Filling in Cement        |  |  |  |  |                                                        |
| bag, Sowing and laying   |  |  |  |  |                                                        |
| materials etc. all comp. |  |  |  |  |                                                        |
|                          |  |  |  |  | $2 \times (30.0 + 15.30) \times (0.50 + 0.90)/2$       |
|                          |  |  |  |  | $\times (2.0 + 1.80 + 1.20)/3 = 105.70$ m <sup>3</sup> |
|                          |  |  |  |  | $(1 \times 16 \times (0.50 + 0.80)/2 \times (1.10 +$   |
|                          |  |  |  |  | $1.50 + 1.20)/3 = 13.173$                              |
|                          |  |  |  |  | $(1 \times 13.0 \times (0.50 + 0.70)/2 \times$         |
|                          |  |  |  |  | $(1.20 + 1.50 + 1.30)/3 = 10.40$                       |
|                          |  |  |  |  | 129.273 m <sup>3</sup>                                 |
|                          |  |  |  |  | $\Rightarrow \text{Bags} = 129.273/0.034 = 3802$ bags. |

Continuation

| Particulars      | Details of actual measurement          |    |    |    | Contents of area |
|------------------|----------------------------------------|----|----|----|------------------|
|                  | No.                                    | L. | B. | D. |                  |
| N/W:-            | Nurt chowk SH 63 to                    |    |    |    |                  |
|                  | Azam Nagar in Harkungrj                |    |    |    |                  |
|                  | Block.                                 |    |    |    |                  |
| Agency:-         | Departmental works                     |    |    |    |                  |
| length:-         | 2.783 km                               |    |    |    |                  |
| Route of entry:- |                                        |    |    |    |                  |
| ABSTRACT OF COST |                                        |    |    |    |                  |
| Item 1:-         | Providing and laying                   |    |    |    |                  |
|                  | reinforced Cement concrete             |    |    |    |                  |
|                  | Pipe NPS for Restoration               |    |    |    |                  |
|                  | 1000mm dia.                            |    |    |    |                  |
|                  | vide TMS P No - ①                      |    |    |    |                  |
|                  | Item ① 45.0 M                          |    |    |    |                  |
|                  | CS 4425.07/m — 199128.20               |    |    |    |                  |
| Item 2:-         | P.V. Blocks bats includ-               |    |    |    |                  |
|                  | ing spreading laying                   |    |    |    |                  |
|                  | compacting with all comp.              |    |    |    |                  |
|                  | vide TMS P No - ①                      |    |    |    |                  |
|                  | Item ② 1730.49 M <sup>2</sup>          |    |    |    |                  |
|                  | CS 2168.72/M <sup>2</sup> — 3752948.20 |    |    |    |                  |
| Item 3:-         | Labour for sand                        |    |    |    |                  |
|                  | filling in Cement bag                  |    |    |    |                  |
|                  | sowing and laying                      |    |    |    |                  |
|                  | materials etc.                         |    |    |    |                  |

| Particulars                 | Details of actual measurement |    |    |    | Contents of area  |
|-----------------------------|-------------------------------|----|----|----|-------------------|
|                             | No.                           | L. | B. | D. |                   |
|                             |                               |    |    |    | Q.F.R. 3952076.00 |
| vide TMS P.No. (2)          |                               |    |    |    |                   |
| 9 feet (3) 3802.0 Nos/bay   |                               |    |    |    |                   |
| es 38.03 / No bay           |                               |    |    |    | 144590.00         |
| 9 feet: Lab sur for driving |                               |    |    |    |                   |
| 62mm to 75mm dia            |                               |    |    |    |                   |
| Bamboo piles including      |                               |    |    |    |                   |
| cutting to in proper        |                               |    |    |    |                   |
| size cut comp -             |                               |    |    |    |                   |
| vide TMS P.No. (3)          |                               |    |    |    |                   |
| 9 feet (4) 1388 M           |                               |    |    |    |                   |
| es 55.40 / M                |                               |    |    |    | 768952.00         |

5.

S/F/Fixing of bamboo

62mm to 75mm dia

runners fixed all comp.

vide TMS P. No. (3)

9 feet (5) 312 M

es 30.87 / M → 9631.00

Rs. 4183,192.00

Add 1% Labour cess → 41832.00

Add 12% GST → 501983.200

Add Seigniorage fee → 183535.00

Rs. 4910542.00

16/10/21  
AE

16/10/21  
AE

Continuation

16/12/21