

NABARD

H.C. Poo Bridge

SIHALO BRIDGE - I

in Barabati post Road to Anand near

Schedule XLV Form No. 134.

Silvato village

NABARD

DIVISION

Anand

SUB-DIVISION

# Measurement Book

1033

1033

MRI TUNJAY KUMAR

2nd on A/c Bill  
5

Sch. XLV-Form No. 134

| Particulars                  | Details of actual measurement |            |      |        | Co-<br>of area        |
|------------------------------|-------------------------------|------------|------|--------|-----------------------|
|                              | No.                           | L.         | B.   | D.     |                       |
| Name of work -               | Construction of HL Bridge     |            |      |        |                       |
|                              | in Barbatta pmsy road         |            |      |        |                       |
|                              | to Annew road near            |            |      |        |                       |
|                              | Jhalo village under NABARD    |            |      |        |                       |
| Agency -                     | M/s Mritunjay Kumar           |            |      |        |                       |
| Ag. No. -                    | 06 SBD of 2019-20             |            |      |        |                       |
| Ag. value -                  | R                             | 34961446 = |      |        |                       |
| Date of Start -              | 28-09-19                      |            |      |        |                       |
| Date of Completion -         | 27-09-2020                    |            |      |        |                       |
| Date of Measurement -        |                               |            |      |        |                       |
| 1. E/w in excavation in      |                               |            |      |        |                       |
| fdm. -                       | -EP                           |            |      |        |                       |
| (i) up to 3m depth           |                               |            |      |        |                       |
| Abut 1 & 2                   | 2                             | 9.70       | 9.70 | 3.0 =  | 564.54 m <sup>3</sup> |
| Pier                         | 1                             | 9.70       | 6.10 | 3.0 =  | 177.51 m <sup>3</sup> |
| (ii) up to 6m depth          |                               |            |      |        |                       |
| Abut 1 & 2 -                 | 2                             | 9.70       | 9.70 | 0.50 = | 742.05 m <sup>3</sup> |
| 2. Pcc M15 in                |                               |            |      |        | 94.09 m <sup>3</sup>  |
| fdm. -                       | -EP                           |            |      |        |                       |
| Abut 1 & 2                   | 2                             | 9.0        | 9.0  | 0.15 = | 24.30                 |
| Pier                         | 1                             | 9.0        | 5.40 | 0.15 = | 7.29                  |
|                              |                               |            |      |        | 31.59 m <sup>3</sup>  |
| 3. Construction of temporary |                               |            |      |        |                       |
| island -                     | -EP                           |            |      |        |                       |
| Pier -                       |                               |            |      |        | 1 No.                 |
|                              |                               |            |      |        | 1                     |
|                              |                               |            |      |        | 04/06/2020<br>JE      |

Continuation

## Sch. XLV-Form No. 134

| Particulars             | Details of actual measurement                                           |    |    |    | Contents of area            |
|-------------------------|-------------------------------------------------------------------------|----|----|----|-----------------------------|
|                         | No.                                                                     | L. | B. | D. |                             |
| <u>Further Entry</u>    |                                                                         |    |    |    |                             |
| 1. Providing RCC M30 in |                                                                         |    |    |    |                             |
| Sub/s -                 | -E11                                                                    |    |    |    |                             |
| <u>Pile Cap</u>         |                                                                         |    |    |    |                             |
| Abut A1 & A2            | $2 \times 8.70 \times 8.70 \times 1.80 =$                               |    |    |    | 272.48                      |
| Pier                    | $1 \times 8.70 \times 5.10 \times 1.80 =$                               |    |    |    | 79.87                       |
|                         |                                                                         |    |    |    | <u>352.35 m<sup>3</sup></u> |
|                         |                                                                         |    |    |    | 22/10/2020<br>JE            |
| <u>Further Entry</u>    |                                                                         |    |    |    |                             |
| 1. Providing RCC M30 in |                                                                         |    |    |    |                             |
| Sub/s (up to 5m) -      | -E11                                                                    |    |    |    |                             |
| Abut A1 & A2 small      | $2 \times 8.45 \times 1.20 \times 2.783 =$                              |    |    |    | 56.44 m <sup>3</sup>        |
| R/W                     | $4 \times 3.50 \times \frac{0.80+0.30}{2} \times 2.783 =$               |    |    |    | 21.43                       |
| Pier                    | $1 \times 7.80 \times 2.50^2 \times 2.783 =$                            |    |    |    | 13.67                       |
| Pier Cap rectangular    |                                                                         |    |    |    |                             |
|                         | $1 \times 7.80 \times 2.60 \times 0.617 =$                              |    |    |    | 12.56                       |
| - to Trapezoidal        |                                                                         |    |    |    |                             |
|                         | $1 \times \frac{7.80+2.50}{2} \times \frac{2.60+0.60}{2} \times 0.60 =$ |    |    |    | 10.53                       |
|                         |                                                                         |    |    |    | <u>114.63 m<sup>3</sup></u> |
| 2. Providing RCC M30 in |                                                                         |    |    |    |                             |
| Sub/s (above 5m) -      | E11                                                                     |    |    |    |                             |
| Pier Cap rectangular    |                                                                         |    |    |    |                             |
|                         | $1 \times 7.80 \times 2.60 \times 0.383 =$                              |    |    |    | 7.80                        |
|                         |                                                                         |    |    |    | 22/10/2020<br>JE            |

## Sch. XLV-Form No. 134

| Sch. XLV-Form No. 10                                 |                               |    |    |    |                  |
|------------------------------------------------------|-------------------------------|----|----|----|------------------|
| Particulars                                          | Details of actual measurement |    |    |    | Contents of area |
|                                                      | No.                           | L. | B. | D. |                  |
| <u>ABSTRACT OF COST</u>                              |                               |    |    |    |                  |
| $\frac{1}{1}$ E/W in excavation in                   |                               |    |    |    |                  |
| fdm. - - EPI                                         |                               |    |    |    |                  |
| Qty vide page 5 of TMB                               |                               |    |    |    |                  |
| (i) up to 3m depth                                   |                               |    |    |    |                  |
| 742.05m <sup>3</sup> @ Rs 282.43/m <sup>3</sup> - -  |                               |    |    |    | Rs 209577 = ∞    |
| (ii) 3m to 6m depth                                  |                               |    |    |    |                  |
| 94.09m <sup>3</sup> @ Rs 335.38/m <sup>3</sup> - -   |                               |    |    |    | Rs 31556 = ∞     |
| $\frac{2}{2}$ Providing RCC m 15 in                  |                               |    |    |    |                  |
| fdm. - - EPI                                         |                               |    |    |    |                  |
| Qty vide page 5 of TMB                               |                               |    |    |    |                  |
| 31.59m <sup>3</sup> @ Rs 7916.99/m <sup>3</sup> - -  |                               |    |    |    | Rs 250098 = ∞    |
| $\frac{3}{3}$ Providing RCC m 30 in                  |                               |    |    |    |                  |
| fdm. (pile cap) - - EPI                              |                               |    |    |    |                  |
| Qty vide page 6 of TMB                               |                               |    |    |    |                  |
| 352.35m <sup>3</sup> @ Rs 9024.39/m <sup>3</sup> - - |                               |    |    |    | Rs 3179744 = ∞   |
| $\frac{4}{4}$ Bored cast-in-situ m 35                |                               |    |    |    |                  |
| pile - - EPI                                         |                               |    |    |    |                  |
| Qty vide page 2 of TMB                               |                               |    |    |    |                  |
| 444.00m @ Rs 19162.29/m - -                          |                               |    |    |    | Rs 8508057 = ∞   |
| $\frac{5}{5}$ S/F/F HYSD steel bar                   |                               |    |    |    |                  |
| in fdm. - - EPI                                      |                               |    |    |    |                  |
| Qty vide page 2 of TMB                               |                               |    |    |    |                  |
| 51.216m T                                            |                               |    |    |    |                  |
| Qty vide page 15 of TMB 1032                         |                               |    |    |    |                  |
| 7.385m T                                             |                               |    |    |    |                  |
| Continuation of 12179032 = ∞                         |                               |    |    |    |                  |

Continuation Rs 1,21,79,032 = ∞

## Sch. XLV-Form No. 134

| Particulars                             | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------|-------------------------------|----|----|----|------------------|
|                                         | No.                           | L. | B. | D. |                  |
| Item 5 Cont.                            |                               |    |    |    |                  |
| Qty vide page 16 of TMB                 | 1032                          |    |    |    |                  |
| 7.385 MT                                |                               |    |    |    |                  |
| Qty vide page 17 of TMB                 | 1032                          |    |    |    |                  |
| 5.717 MT                                |                               |    |    |    |                  |
| = 71.703 MT (Limit - 68.97 MT)          |                               |    |    |    |                  |
| = 68.97 MT @ Rs 76497.72/MT -           |                               |    |    |    | Rs 5276048 =     |
| $\frac{6}{6}$ Providing 10 mm th steel  |                               |    |    |    |                  |
| Area -                                  | E1                            |    |    |    |                  |
| Qty vide page 3 of TMB                  |                               |    |    |    |                  |
| 19.168 MT @ Rs 104680.33/MT -           |                               |    |    |    | Rs 2006513 =     |
| $\frac{7}{7}$ Construction of temporary |                               |    |    |    |                  |
| island -                                | E1                            |    |    |    |                  |
| Qty vide page 5 of TMB                  |                               |    |    |    |                  |
| 1 No. @ Rs 49035.03 Each -              |                               |    |    |    | Rs 49035 =       |
| $\frac{8}{9}$ Carrying out Load Test    |                               |    |    |    |                  |
| on pile -                               | E1                            |    |    |    |                  |
| Qty vide page 3 of TMB                  |                               |    |    |    |                  |
| (i) Initial Load Test                   |                               |    |    |    |                  |
| 1 No @ Rs 1,00,000.00 Each -            |                               |    |    |    | Rs 1,00,000 =    |
| (ii) Routine Load Test                  |                               |    |    |    |                  |
| 1 No. @ Rs 100000.00 Each -             |                               |    |    |    | Rs 100000 =      |
| (iii) Horizontal pile Load Test         |                               |    |    |    |                  |
| 1 No. @ Rs 100000.00 Each -             |                               |    |    |    | Rs 100000 =      |
| $\frac{9}{10}$ Providing Rec m 30 m     |                               |    |    |    |                  |
| sub/s (up to 5m ht) -                   | E1                            |    |    |    |                  |
| (i) up to 5m ht                         |                               |    |    |    |                  |

Continuation Rs 19810628 =

| Particulars                                         | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                     | No.                           | L. | B. | D. |                  |
| Item 9 Cont.                                        |                               |    |    |    |                  |
| Qty vide page 6 of TMB                              |                               |    |    |    |                  |
| 114.63 m <sup>3</sup> @ Rs 9345.11/m <sup>3</sup> - |                               |    |    |    | 4,10,71,230 =    |
| (ii) Above smt                                      |                               |    |    |    |                  |
| Qty vide page 6 of TMB                              |                               |    |    |    |                  |
| 7.80 m <sup>3</sup> @ Rs 9432.99/m <sup>3</sup> -   |                               |    |    |    | 7,35,77 =        |
| 10/12 S/F IE HYSID steel bar                        |                               |    |    |    |                  |
| In sub/s - E1                                       |                               |    |    |    |                  |
| Qty vide page 15 and 16 of MB 1032                  |                               |    |    |    |                  |
| 1.730 + 1.730                                       |                               |    |    |    |                  |
| Qty vide page 17 of TMB                             |                               |    |    |    |                  |
| 1.405 m T                                           |                               |    |    |    |                  |
| Qty vide page 18 of TMB                             |                               |    |    |    |                  |
| 1.379 m T + 1.379                                   |                               |    |    |    |                  |
| Qty vide page 20 of TMB                             |                               |    |    |    |                  |
| 0.110 + 1.092                                       |                               |    |    |    |                  |
| Qty vide page 21 of TMB                             |                               |    |    |    |                  |
| 0.110 + 1.092                                       |                               |    |    |    |                  |
| Qty vide page 22 of TMB                             |                               |    |    |    |                  |
| 0.049 + 1.782 3.564 m T                             |                               |    |    |    |                  |
| Qty vide page 23 of TMB                             |                               |    |    |    |                  |
| 4.403 m T                                           |                               |    |    |    |                  |
| Qty vide page 24 of TMB                             |                               |    |    |    |                  |
| 2.961 m T                                           |                               |    |    |    |                  |
| = 21.004 m T @ Rs 76645.43/m T -                    |                               |    |    |    | 1,60,98,61 =     |
|                                                     |                               |    |    |    |                  |
|                                                     |                               |    |    |    | 2,25,65,296 =    |

Continuation

Handwritten notes on a grid background:

- Top left: "16/01/24" and "AE" (with a blue checkmark).
- Top right: "16/01/24" and "JE" (with a blue checkmark).
- Center: "CP P" (with a blue checkmark).
- Bottom right: "05.03.21" and "E-L" (with a blue checkmark).

## Material Statement (For the Bill)

Continuation