

# NABAKD Bridge.

Const. of RCC Bridge at Surhar River  
between Rakshayer to Taudwa under  
~~Surhar~~ block.

## **Measurement Book**

Schedule XLV-Form No. 134

(626)

RWD

Tramguy

DIVISION

Block - Surhar - SUB-DIVISION

Cont'd. M/S Sagar Construction.

| Particulars  | Details of actual measurement |            |    |            | Contents<br>of area |
|--|-------------------------------|------------|----|------------|---------------------|
|  | No.                           | L.         | B. | D.         |                     |
| 4) h & final Bill  |                               |            |    |            |                     |
| Abstract of cost   |                               |            |    |            |                     |
| 1) E1 work excavation for  |                               |            |    |            |                     |
| structure etc - 1 job.   |                               |            |    |            |                     |
| wide P - 66.00m (1)  |                               |            |    |            |                     |
| 1089.81 m <sup>3</sup> @ Rs. 229 = 18/m <sup>3</sup> Rs. 249763.00 |                               |            |    |            |                     |
| 2) E1 work excavation for  |                               |            |    |            |                     |
| structure etc - 1 job.   |                               |            |    |            |                     |
| wide P - 66.00m (2)  |                               |            |    |            |                     |
| 106.78 m <sup>3</sup> @ Rs. 272 = 15/m <sup>3</sup> Rs. 29060.00   |                               |            |    |            |                     |
| 3) Excavation for ordinary   |                               |            |    |            |                     |
| soil width other with load   |                               |            |    |            |                     |
| 40 to 100m   |                               |            |    |            |                     |
| wide P - 66.00m (3)  |                               |            |    |            |                     |
| 731.08 m <sup>3</sup> @ Rs. 371 = 00/m <sup>3</sup> Rs. 271231.00  |                               |            |    |            |                     |
| 4) P1v. PCC M-15 for levelling                                     |                               |            |    |            |                     |
| course size - 1 job.   |                               |            |    |            |                     |
| wide P - 66.00m (4)  |                               |            |    |            |                     |
| 52.12 m <sup>3</sup> @ Rs. 4473 = 58/m <sup>3</sup> Rs. 233163.00  |                               |            |    |            |                     |
| 5) Supporting fitting & fencing                                    |                               |            |    |            |                     |
| 4430 bars required for cement                                      |                               |            |    |            |                     |
| etc - - 1 job.   |                               |            |    |            |                     |
| wide P - 66.00m (5)  |                               | 33.142 MT  |    |            |                     |
| wide P - 71.00m (1)  |                               | 2.6832 "   |    |            |                     |
|  |                               | 35.8250 MT |    | 1835658.00 |                     |
| Rs. 5138.85/m <sup>2</sup>   |                               |            |    |            |                     |
| 51239.29   |                               |            |    |            |                     |
|  |                               |            |    |            | 2618875.00          |

Continuation

| Particulars   | Details of actual measurement |    |    |    | Contents<br>of area      |
|---|-------------------------------|----|----|----|--------------------------|
|   | No.                           | L. | B. | D. |                          |
|   |                               |    |    |    | Bf. Rs. 261 8158/-       |
| (6) Plv. steel beam   | 60mm                          |    |    |    | 261 8875/-               |
| Thickness - 10b.  |                               |    |    |    |                          |
| wide P - 66.66cm (6)  |                               |    |    |    |                          |
| IS. 15MT. CR. 7781.2.08 /m <sup>2</sup> . Rs. 11788.53/-        |                               |    |    |    |                          |
| (7) Plv. Rec grade m-30cm                                       |                               |    |    |    |                          |
| Open foundation etc 10b.  |                               |    |    |    |                          |
| wide P - 67.2cm (7) 416.61m <sup>3</sup>                        |                               |    |    |    |                          |
| CR. Rs. 5754 = 60 /m <sup>3</sup> -                             |                               |    |    |    | Rs. 23977454.00          |
| (8) Supplying fitting & Piling                                  |                               |    |    |    |                          |
| Huge bar anchor corner  |                               |    |    |    |                          |
| wide P - 67.2cm (8) 48.48744mt.                                 |                               |    |    |    |                          |
| wide - 72.2cm (9) 11161.94/-                                    |                               |    |    |    |                          |
|   |                               |    |    |    | 60.10681m <sup>2</sup> . |
| CR. Rs. 51385 CR. 57  |                               |    |    |    |                          |
| 51358 = 851mt. -  |                               |    |    |    | Rs. 3087018/-            |
| (9) Plv. Rec m-30cm sub-concre                                  |                               |    |    |    |                          |
| etc - 10b.  |                               |    |    |    |                          |
| wide P - 67.2cm (9)   |                               |    |    |    |                          |
| 260.25m <sup>3</sup> CR. 60 6.6771m <sup>3</sup> CR. 15736.72/- |                               |    |    |    |                          |
| (10) Plv. Rec m-30cm sub-concre                                 |                               |    |    |    |                          |
| etc - 10b.  |                               |    |    |    |                          |
| wide 67.2cm (10) 209.36m <sup>3</sup>                           |                               |    |    |    |                          |
| wide P - 73.2cm (11) 17.30m <sup>3</sup>                        |                               |    |    |    |                          |
|   |                               |    |    |    | 226.66m <sup>3</sup>     |
| CR. Rs. 6186 = 111m <sup>3</sup> -                              |                               |    |    |    | Rs. 1402144.00           |
|   |                               |    |    |    | Rs. 12262269.00          |
|   |                               |    |    |    | 12257986.00              |

| Particulars   | Details of actual measurement |    |    |    | Contents of area                      |
|---|-------------------------------|----|----|----|---------------------------------------|
|   | No.                           | L. | B. | D. |                                       |
|   |                               |    |    |    | B.F. P. <sub>3</sub> . 12262269=00    |
| (1) P.W. R.C.C M-35cm 546<br>8 structures over 50ft.  |                               |    |    |    | 12257986=00                           |
| wide P. 6.72 beam (11)<br>1.19<br>2.67m <sup>2</sup> Q.P. <sub>3</sub> . 6287=06 m <sup>3</sup> |                               |    |    |    | 11954=00<br>R <sub>3</sub> . 16598=00 |
| (2) Supplying fencing & Piling  |                               |    |    |    |                                       |
| (3) H.D.D bars reinforcement  |                               |    |    |    |                                       |
| wide P. 6.82 beam (12)  |                               |    |    |    |                                       |
| 48.320 MT, Q.R <sub>3</sub> . 52285=321 MT, P <sub>3</sub> . 2526426=00                         |                               |    |    |    |                                       |
| (3) P.W. R.C.C M-30cm 5M P.C.P  |                               |    |    |    |                                       |
| Stone walls over - 50ft.  |                               |    |    |    |                                       |
| wide P. 6.82 beam (13) 284.60m <sup>3</sup>   |                               |    |    |    |                                       |
| wide P. 7.32 beam (3) 64.69m <sup>3</sup>   |                               |    |    |    |                                       |
|   |                               |    |    |    | 349.29m <sup>3</sup>                  |
| Q.P. <sub>3</sub> . 6465=231 m <sup>3</sup> — P <sub>3</sub> . 2258247=00                       |                               |    |    |    |                                       |
| (4) Supplying and fixing stone  |                               |    |    |    |                                       |
| to lime and sand mortar   |                               |    |    |    |                                       |
| beam 8ft - 50ft.  |                               |    |    |    |                                       |
| wide P. 6.82 beam (14)  |                               |    |    |    |                                       |
| 322560cc Q.R <sub>3</sub> . 1.50 cc P <sub>3</sub> . 483840=00                                  |                               |    |    |    |                                       |
| (5) P.W. with 9 holes concrete  |                               |    |    |    |                                       |
| missionary site - 50ft.   |                               |    |    |    |                                       |
| wide P. 6.92 beam (15) 240 NO.  |                               |    |    |    |                                       |
| Q.P <sub>3</sub> . 126=50 129 CH P <sub>3</sub> . 30360=00                                      |                               |    |    |    |                                       |
| (6) P.W. filtering behind 9ft.  |                               |    |    |    |                                       |
| Wavy wall 8ft - 50ft.   |                               |    |    |    |                                       |
| wide P. 6.92 beam (16)  |                               |    |    |    |                                       |
| 167.05m <sup>3</sup> Q.P <sub>3</sub> . 1.995=60 N <sup>3</sup> P <sub>3</sub> . 333865=000     |                               |    |    |    |                                       |
|   |                               |    |    |    | Rs. 17911105=00                       |
|   |                               |    |    |    | 17901478=00                           |

| Particulars  | Details of actual measurement |    |    |    | Contents<br>of area                  |
|--|-------------------------------|----|----|----|--------------------------------------|
|  | No.                           | L. | B. | D. |                                      |
|  |                               |    |    |    | $\text{Rs. } 1794105 = \text{C.O}$   |
| (17) Back of building bounded abvdr -<br>mean wing wall are - 106.                         |                               |    |    |    | $17901478 = \text{C.O}$              |
| wide P - 69.25cm (17)  |                               |    |    |    |                                      |
| $336.75 \text{ m}^2 \text{ C.R. } 644 = 101 \text{ m}^2 \text{ R.s. } 216546 = \text{C.O}$ |                               |    |    |    |                                      |
| (18) P.v. stairs & small U.P. partition  |                               |    |    |    |                                      |
| width are - 106.   |                               |    |    |    |                                      |
| wide P - 69.25cm (18)  |                               |    |    |    |                                      |
| $42.25 \text{ m}^2 \text{ C.R. } 11789 = 48/\text{m} \text{ R.s. } 498106 = \text{C.O}$    |                               |    |    |    |                                      |
| (19) P.v. latting concrete course  |                               |    |    |    |                                      |
| mean course are - 106  |                               |    |    |    |                                      |
| wide P - 73.25cm (15)  |                               |    |    |    |                                      |
| $54.27 \text{ m}^2 \text{ C.R. } 11634 = 30 \text{ m}^2 \text{ R.s. } 631393 = \text{C.O}$ |                               |    |    |    |                                      |
| (20) P.v. RCC M-15 in approach   |                               |    |    |    |                                      |
| are - 106  |                               |    |    |    |                                      |
| wide P - 74.25cm (8)   |                               |    |    |    |                                      |
| $8.87 \text{ m}^2 \text{ C.R. } 4111 = 81 \text{ m}^2 \text{ R.s. } 36471 = \text{C.O}$    |                               |    |    |    |                                      |
| (21) P.v. RCC M-30 in approach   |                               |    |    |    |                                      |
| size are - 106   |                               |    |    |    |                                      |
| wide P - 74.25cm (9)   |                               |    |    |    |                                      |
| $19.52 \text{ m}^2 \text{ C.R. } 9167 = 70 \text{ m}^2 \text{ R.s. } 178953 = \text{C.O}$  |                               |    |    |    |                                      |
| (22) P.v. RCC M-25 grade emcast  |                               |    |    |    |                                      |
| RCC building   |                               |    |    |    |                                      |
| size m-25 are - 106  |                               |    |    |    |                                      |
| wide P - 73.25cm (6)   |                               |    |    |    | $612714 = \text{C.O}$                |
| $220.32 \text{ m}^2 \text{ C.R. } 2781 = 62 \text{ m}^2 \text{ R.s. } 611824 = \text{C.O}$ |                               |    |    |    |                                      |
|  |                               |    |    |    | $\text{R.s. } 20084398 = \text{C.O}$ |
|  |                               |    |    |    | $20075661 = \text{C.O}$              |

| Particulars  | Details of actual measurement |    |    |    | Contents<br>of area   |
|--|-------------------------------|----|----|----|-----------------------|
|  | No.                           | L. | B. | D. |                       |
|  |                               |    |    |    | Rs. 20084878=00       |
| (23) P.W. D. drainage Shows                          |                               |    |    |    | 20075661=00           |
| 19 wider - 73.25cm (7)                               |                               |    |    |    |                       |
| 32 no C Rs. 588.64 per m                             |                               |    |    |    | Rs. 18836=00          |
| (24) P.W. Paving 50mm thick                          |                               |    |    |    |                       |
| 23 composite board rate - 10/-                       |                               |    |    |    |                       |
| wider - 74.25cm (23) (10)                            |                               |    |    |    |                       |
| 33.80M C Rs. 286.33 / m                              |                               |    |    |    | Rs. 9678=00           |
| (25) P.W. and Fencing 20mm thick                     |                               |    |    |    |                       |
| 14 Pre準備ed - 1000 feet                               |                               |    |    |    |                       |
| wider - 74.25cm (11)                                 |                               |    |    |    |                       |
| 33.80M C Rs. 402.31 / m                              |                               |    |    |    | Rs. 13598=00          |
| (26) Cleaning and Draining                           |                               |    |    |    |                       |
| 27 road level are - 100-                             |                               |    |    |    |                       |
| wider - 74.25cm (12)                                 |                               |    |    |    |                       |
| 0.22H & 90 Rs. 39.994 - 101 Hrs. Rs. 890=00          |                               |    |    |    | 8799=00               |
| (27) const. of communication with                    |                               |    |    |    |                       |
| 28 approved material rate - 10/-                     |                               |    |    |    |                       |
| wider - 45cm (13)                                    |                               |    |    |    |                       |
| 10567.00M <sup>3</sup> C Rs. 172.69 / m <sup>3</sup> |                               |    |    |    | Rs. 1824818=00        |
| (28) const. of subgrade 10cm                         |                               |    |    |    |                       |
| 29 shoulder width approx of material                 |                               |    |    |    |                       |
| wider - 75.25cm (14) 471.00M <sup>3</sup>            |                               |    |    |    |                       |
| wider - 78.25cm (22) 180.05 M <sup>3</sup>           |                               |    |    |    | 651.05 M <sup>3</sup> |
| Q Rs. 174.202 M <sup>3</sup> -                       |                               |    |    |    | Rs. 113096=00         |
|  |                               |    |    |    | Rs. 22073522=00       |
| Continuation   |                               |    |    |    | 22064683=00           |

| Particulars                               | Details of actual measurement |    |    |    | Contents<br>of area             |
|---|-------------------------------|----|----|----|---------------------------------|
|   | No.                           | L. | B. | D. |                                 |
|   |                               |    |    |    | B.F. Rs. <del>22073522.00</del> |
|   |                               |    |    |    | 22064683.00                     |
| (29) corner. u/s G.S.B. by providing      |                               |    |    |    |                                 |
| 30) wheel graded material area.           |                               |    |    |    |                                 |
| -- 400.                                   |                               |    |    |    |                                 |
| wide P - 75 item (15)                     |                               |    |    |    | ✓                               |
| 45.68 m <sup>2</sup>                      |                               |    |    |    | 239782.00                       |
| 114.89 m <sup>2</sup>                     |                               |    |    |    | Rs. 220694.00                   |
| 152.00                                    |                               |    |    |    |                                 |
| (30) W.B.M. spreading - 2 materials       |                               |    |    |    |                                 |
| 31) P.W. laying spreading and             |                               |    |    |    |                                 |
| compacting stone aggregate                |                               |    |    |    |                                 |
| wide P - 76 item (20) (16)                |                               |    |    |    | ✓                               |
| 63.67 m <sup>2</sup>                      |                               |    |    |    | 163727.00                       |
| 57.60 m <sup>2</sup>                      |                               |    |    |    | Rs. 140118.00                   |
| (31) W.B.M. u/s, 3 materials              |                               |    |    |    |                                 |
| 32) etc - 200.                            |                               |    |    |    |                                 |
| wide P - 76 item (17)                     |                               |    |    |    | ✓                               |
| 63.67 m <sup>2</sup>                      |                               |    |    |    | 155125.00                       |
| 57.60 m <sup>2</sup>                      |                               |    |    |    | Rs. 140366.00                   |
| (32) P.W. and applying primer             |                               |    |    |    |                                 |
| 33) Coal with bitumen emulsion            |                               |    |    |    |                                 |
| (33-1) etc - 400.                         |                               |    |    |    |                                 |
| wide P - 77 item (18)                     |                               |    |    |    | ✓                               |
| 849.00 m <sup>2</sup>                     |                               |    |    |    | 27431.00                        |
| 168.00 m <sup>2</sup>                     |                               |    |    |    | Rs. 29814.00                    |
| (33) P.W. and applying tack coal          |                               |    |    |    |                                 |
| 34) with bitumen emulsion (Rs. 1)         |                               |    |    |    |                                 |
| wide P - 77 item (19)                     |                               |    |    |    | ✓                               |
| 849.00 m <sup>2</sup>                     |                               |    |    |    | 9704.00                         |
| 168.00 m <sup>2</sup>                     |                               |    |    |    | Rs. 8778.00                     |
| (34) P.W. laying and rolling of G.S.B.    |                               |    |    |    |                                 |
| 35) gravel or fine mix surface etc in 106 |                               |    |    |    |                                 |
| wide P - 77 item (20)                     |                               |    |    |    | ✓                               |
| 849.00 m <sup>2</sup>                     |                               |    |    |    | 115829.00                       |
| 168.00 m <sup>2</sup>                     |                               |    |    |    | Rs. 104478.00                   |
| P.s. 22729040.00                          |                               |    |    |    |                                 |
| 22785120.00                               |                               |    |    |    |                                 |
| Continuation                              |                               |    |    |    | 2276281.00                      |

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| Particulars                                       | Details of actual measurement |            |     |     | Contents<br>of area   |
|---|-------------------------------|------------|-----|-----|-----------------------|
|   | No.                           | L.         | B.  | D.  |                       |
| (35) PIV, and laying seal                         |                               | Q.F. - ft. | ft. | ft. | 21040 ~<br>22776281 ~ |
| 36 Sealing the vessels use -                      |                               |            |     |     |                       |
| - 106   |                               |            |     |     |                       |
| wide P - 78.00m                                   | 21)                           |            |     |     | ✓<br>35930 ~          |
| 899.00 m <sup>2</sup>                             |                               |            |     |     |                       |
| 768.00m <sup>2</sup> Rs. 42.30/M <sup>2</sup>     |                               |            |     |     | Rs. 32502 ~           |
| (36) PIV, b. lining of 1020 of floor              |                               |            |     |     |                       |
| 37 embankment board                               |                               |            |     |     |                       |
| wide P - 78.00m                                   | 23)                           |            |     |     |                       |
| 2nd Q.B. 7516.8945m <sup>2</sup>                  |                               |            |     |     | Rs. 15034 ~           |
| (37) const. of embankment                         |                               |            |     |     |                       |
| 38 with graded material                           |                               |            |     |     |                       |
| wide P - 79.00m                                   | 24)                           |            |     |     |                       |
| 39 60.00m <sup>3</sup> Q.B. 172.69/m <sup>2</sup> |                               |            |     |     | Rs. 683852 ~          |
| (38) const. of gravel sub -                       |                               |            |     |     |                       |
| 39 base by providing well                         |                               |            |     |     |                       |
| graded material etc - 106.                        |                               |            |     |     |                       |
| wide P - 79.00m                                   | 25)                           |            |     |     |                       |
| 90.00 m <sup>3</sup> Q.B. 1914.93/m <sup>2</sup>  |                               |            |     |     | Rs. 136343 ~          |
| (39) PIV. Lining per cent.                        |                               |            |     |     |                       |
| 40 concrete H. pipe                               |                               |            |     |     |                       |
| wide P - 79.00m                                   | (26)                          |            |     |     |                       |
| 40m Q.B. 5403.171 M                               |                               |            |     |     | Rs. 216127 ~          |
| (40) PIV, and laying wobber                       |                               |            |     |     |                       |
| 41 Ditching in slopes etc - 106                   |                               |            |     |     |                       |
| wide P - 79.00m                                   | (27)                          |            |     |     |                       |
| 42 5000 ft  |                               |            |     |     |                       |
|   |                               |            |     |     | B. 23804789820        |
|   |                               |            |     |     | 2387246620            |

## **Continuation**

Sch. XLV-Form No. 134

| Details of actual measurement                                  |                               |           |                                  | Contents<br>of area |
|--|-------------------------------|-----------|----------------------------------|---------------------|
| Particulars  | No.                           | L.        | B.                               | D.                  |
|  |                               |           |                                  | 23863567-00         |
|  |                               |           |                                  | 33804898-00         |
|  |                               |           |                                  | 29872406-00         |
| 1009   | 64M <sup>3</sup>              | CRs. 2086 | 34M <sup>3</sup> CRs. 2106412-00 |                     |
| <u>(4) P.M. and Laying of stone material underneath Picket</u> |                               |           |                                  |                     |
| envelope are 400-  |                               |           |                                  |                     |
| wide D - 80 cm (28)  |                               |           |                                  |                     |
| 338.07M <sup>3</sup>   | CRs. 2408 = 58 M <sup>3</sup> | Rs. 81    | 4269-00                          |                     |
|  | 26784248-00                   | Rs.       | 26795579-00                      |                     |
| less 1.75, below   | CRs. 468                      | Rs.       | 26793087-00                      |                     |
|  |                               |           | 46798-00                         |                     |
|  |                               |           | 468879-00                        |                     |
|  |                               | Rs.       | 26297881-00                      |                     |
| <u>(5) Previous payment</u> Rs. 17062031-00                    |                               |           |                                  |                     |
|  |                               | Rs.       | 9195850-00                       |                     |
|  | 26784248-00                   | Rs.       | 26793087-00                      |                     |
| less 1.75, below (4)   | Rs. 468724-00                 |           |                                  |                     |
|  |                               | Rs.       | 468879-00                        |                     |
|  | 26315524-00                   | Rs.       | 26324208-00                      |                     |
| <u>(6) Previous payment</u> (4) Rs. 17062031-00                |                               |           |                                  |                     |
|  |                               | Rs.       | 9262177-00                       |                     |
|  |                               |           | 9253493-00                       |                     |
|  |                               |           | 30/11/2022                       |                     |
|  |                               |           | JG                               |                     |