

*Amrit Raj Construction*

MAABARD

**Schedule XLV-Form No. 134**

Executive Engineer R.W.D.

**DIVISION**

Tekari

Assistant Engineer R.W.D.

**SUB-DIVISION**

Tekari

**Measurement Book**

779

# ABSTRACT OF COST

78

Sch. XLV-Form No. 134

| Particulars                                                              | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                          | No.                           | L. | B. | D. |                  |
| Date of Entry: - 18.04.21                                                |                               |    |    |    |                  |
| (1) Excavation for structure                                             |                               |    |    |    |                  |
| E/W in excavation for found <sup>2</sup>                                 |                               |    |    |    |                  |
| trenches - - - as per spec <sup>2</sup>                                  |                               |    |    |    |                  |
| Qty. vol P-58 item (1)                                                   |                               |    |    |    |                  |
| = 2025.00 m <sup>3</sup>                                                 |                               |    |    |    |                  |
| @ Rs 73 = 73/m <sup>3</sup> - - - Rs 149303 =                            |                               |    |    |    |                  |
| (2) Making & Maintaining temporary island - - - as per spec <sup>2</sup> |                               |    |    |    |                  |
| Qty. vol P-58 item (2) = 10 Nos.                                         |                               |    |    |    |                  |
| Qty. vol P-77 item (10) = 4 Nos                                          |                               |    |    |    |                  |
| 14 Nos                                                                   |                               |    |    |    |                  |
| @ Rs 51824 = 11/each - - - Rs 725538 =                                   |                               |    |    |    |                  |
| (3) P/V & Constructing one span                                          |                               |    |    |    |                  |
| Service road - - - as per spec <sup>2</sup>                              |                               |    |    |    |                  |
| Qty. vol P-58 item (3) = 330.00 m <sup>3</sup>                           |                               |    |    |    |                  |
| @ Rs 3315 = 83/m <sup>3</sup> - - - Rs 1094224 =                         |                               |    |    |    |                  |
| (4) Bored Cast in situ M-35                                              |                               |    |    |    |                  |
| grade RCC pile work - E/W                                                |                               |    |    |    |                  |
| Qty. vol P-58 item (4) = 2288.80 m <sup>3</sup>                          |                               |    |    |    |                  |
| @ Rs 15259 = 99/m <sup>3</sup> - - - Rs 34621865 =                       |                               |    |    |    |                  |
| (5) Stripping off RCC M-35 grade Pile                                    |                               |    |    |    |                  |
| upto cut off level & disposal - E/W                                      |                               |    |    |    |                  |
| Qty. vol P-58 item (5) = 38.70 m <sup>3</sup>                            |                               |    |    |    |                  |
| Qty. vol P-65 item (9) = 12.22 m <sup>3</sup>                            |                               |    |    |    |                  |
| Qty. vol P-73 item (11) = 18.33 m <sup>3</sup>                           |                               |    |    |    |                  |
| 69.25 m <sup>3</sup>                                                     |                               |    |    |    |                  |
| Continuation                                                             |                               |    |    |    |                  |
| R.36590020                                                               |                               |    |    |    |                  |

| Particulars | Details of actual measurement |                    |    |    | Contents of area     |
|-------------|-------------------------------|--------------------|----|----|----------------------|
|             | No.                           | L.                 | B. | D. |                      |
| B.F.        |                               |                    |    |    | 36590930=            |
| Quantity    |                               |                    |    |    | 69.25 m <sup>3</sup> |
| @ Rs        | 1094                          | .84/m <sup>3</sup> |    |    | 75763=               |

(b) P/u design 100A bricks  
Brick flat & lying work in  
foundation - as per spec

|              |            |                    |  |  |                       |
|--------------|------------|--------------------|--|--|-----------------------|
| Qty in vol   | 59 in (b)  |                    |  |  | 328.58 m <sup>2</sup> |
| & Qty in vol | 65 in (2)  |                    |  |  | 112.74 m <sup>2</sup> |
| & Qty in vol | 74 in (12) |                    |  |  | 112.74 m <sup>2</sup> |
|              |            |                    |  |  | 554.06 m <sup>2</sup> |
| @ Rs         | 300        | =00/m <sup>2</sup> |  |  | 166218=               |

(7/7) P/u PCC M-15 in  
foundation bed - as per spec

|              |            |                     |  |  |                      |
|--------------|------------|---------------------|--|--|----------------------|
| Qty in vol   | 59 in (7)  |                     |  |  | 29.00 m <sup>3</sup> |
| & Qty in vol | 65 in (3)  |                     |  |  | 10.65 m <sup>3</sup> |
| & Qty in vol | 74 in (13) |                     |  |  | 10.65 m <sup>3</sup> |
|              |            |                     |  |  | 50.30 m <sup>3</sup> |
| @ Rs         | 544        | 3=24/m <sup>3</sup> |  |  | 273795=              |

(8/8) P/u HYSD bars in all types  
of RCC work in foundation  
- as per all complete job

|              |            |  |  |  |            |
|--------------|------------|--|--|--|------------|
| Qty in vol   | 59 in (8)  |  |  |  | 443.48 MT  |
| & Qty in vol | 67 in (4)  |  |  |  | 25.916 MT  |
| & Qty in vol | 74 in (14) |  |  |  | 19.437 MT  |
|              |            |  |  |  | 488.833 MT |

@ Rs 59438 = 59/MT Continuation Rs 29055544=  
Rs 66162250=

| Particulars                       | Details of actual measurement |                        |    |                | Contents of area |
|-----------------------------------|-------------------------------|------------------------|----|----------------|------------------|
|                                   | No.                           | L.                     | B. | D.             |                  |
|                                   |                               | B.F.                   | —  | R <sub>s</sub> | 66162250=        |
| (9/9) P/V RCC M-30 in pile        |                               |                        |    |                |                  |
| Cap work in foundation            |                               |                        |    | E/P            |                  |
| Qty. vol P-59 itm (9) =           |                               | 692.50 m <sup>3</sup>  |    |                |                  |
| 2 Qty. vol P-67 itm (5) =         |                               | 318.10 m <sup>3</sup>  |    |                |                  |
| 4 Qty. vol P-74 itm (15) =        |                               | 238.59 m <sup>3</sup>  |    |                |                  |
|                                   |                               | 1249.19 m <sup>3</sup> |    |                |                  |
| @ Rs 5883.90/m <sup>3</sup>       |                               |                        |    | R <sub>s</sub> | 7350109=         |
| (10/10) P/V Steel lines 8mm thick |                               |                        |    |                |                  |
| for piles upto scour level        |                               |                        |    | E/P            |                  |
| Qty. vol P-60 itm (10) =          |                               | 89.487 MT              |    |                |                  |
| @ Rs 81548=49/MT                  |                               |                        |    | R <sub>s</sub> | 7297530=         |
| (11/11) Carrying out conforming   |                               |                        |    |                |                  |
| bores upto required level         |                               |                        |    |                |                  |
| depth — as per spec               |                               |                        |    |                |                  |
| (i) Depth between 0 to 10 m       |                               |                        |    |                |                  |
| Qty. vol P-68 itm (8) =           |                               | 60.00 m                |    |                |                  |
| @ Rs 950 = 00/m                   |                               |                        |    | R <sub>s</sub> | 57000=           |
| (ii) Depth between 10 to 20 m     |                               |                        |    |                |                  |
| Qty. vol P-68 itm (8) =           |                               | 60.00 m                |    |                |                  |
| @ Rs 1050 = 00/m                  |                               |                        |    | R <sub>s</sub> | 63000=           |
| (12/12) P/V RCC M-30 in Abutment  |                               |                        |    |                |                  |
| Shaft — as per spec               |                               |                        |    |                |                  |
| Qty. vol P-60 itm (11) =          |                               | 51.69 m <sup>3</sup>   |    |                |                  |
| @ Rs 6697=85/m <sup>3</sup>       |                               |                        |    | R <sub>s</sub> | 346212=          |

Continuation

Rs 81276101=

| Particulars                                                        | Details of actual measurement |                  |    |    | Contents of area         |
|--------------------------------------------------------------------|-------------------------------|------------------|----|----|--------------------------|
|                                                                    | No.                           | L.               | B. | D. |                          |
|                                                                    |                               | B.F.             | —  | —  | B 81276101=              |
| (13/14) P/V RCC M-30 in pier shaft                                 |                               | all complete job |    |    |                          |
| Qty of concrete                                                    | 60 cu m (12)                  |                  |    |    | 197.11 m <sup>3</sup>    |
| Qty of steel                                                       | 68 cu m (7)                   |                  |    |    | 112.63 m <sup>3</sup>    |
| Qty of sand                                                        | 75 cu m (17)                  |                  |    |    | 84.48 m <sup>3</sup>     |
|                                                                    |                               |                  |    |    | 394.22 m <sup>3</sup>    |
| CB 6697 = 85/m <sup>3</sup>                                        |                               |                  |    |    | B 2640426=               |
| (14/15) P/V RCC M-30 in Abutment                                   |                               |                  |    |    |                          |
| 2 Pier cap, Pedestal Bracket etc                                   |                               |                  |    |    |                          |
| -- all complete job                                                |                               |                  |    |    |                          |
| Qty of concrete                                                    | 60 cu m (13)                  |                  |    |    | 76.78 m <sup>3</sup>     |
| Qty of steel                                                       | 76 cu m (19)                  |                  |    |    | 19.44 m <sup>3</sup>     |
|                                                                    |                               |                  |    |    | 96.22 m <sup>3</sup>     |
| CB 6697 = 85/m <sup>3</sup>                                        |                               |                  |    |    | B 644467=                |
| (15/16) S/F/F in position true level and level elastomeric bearing |                               |                  |    |    |                          |
| -- as per spec                                                     |                               |                  |    |    |                          |
| Qty of concrete                                                    | 61 cu m (14)                  |                  |    |    | 702400.00 m <sup>3</sup> |
| Qty 1=01 / cm <sup>2</sup>                                         |                               |                  |    |    | B 709424=                |
| (16/17) P/V weep holes                                             |                               |                  |    |    |                          |
| -- as per spec                                                     |                               |                  |    |    |                          |
| Qty of concrete                                                    | 61 cu m (15)                  |                  |    |    | 2511 m <sup>3</sup>      |
| CB 147 = 46/each                                                   |                               |                  |    |    | B 3687=0                 |
|                                                                    |                               |                  |    |    | 1                        |
|                                                                    |                               |                  |    |    | B 85274105=              |
|                                                                    |                               |                  |    |    |                          |

Continuation

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| Particulars                           | Details of actual measurement |     |    |    | Contents of area             |
|---------------------------------------|-------------------------------|-----|----|----|------------------------------|
|                                       | No.                           | L.  | B. | D. |                              |
|                                       |                               | B.F | —  | B  | 85274105=                    |
| (17/18) S/P/F & placing H 48D barz    |                               |     |    |    |                              |
| reinforcement in substructure         |                               |     |    |    |                              |
| work — as per SPL                     |                               |     |    |    |                              |
| Qty. wire P- 61 itm (16) =            |                               |     |    |    | 19.166 MT                    |
| 2 Qty. wire P- 67 itm (16) =          |                               |     |    |    | 5.058 MT                     |
| 2 Qty. wire P- 75 itm (16) =          |                               |     |    |    | 3.793 MT                     |
| 2 Qty. wire P- 76 itm (18) =          |                               |     |    |    | 1.696 MT                     |
|                                       |                               |     |    |    | 29.713 MT                    |
| CB 59583=02/MT — B                    |                               |     |    |    | 1770390=                     |
| (18/19) P/V R/C M-30 in slab &        |                               |     |    |    |                              |
| girders of superstructure             |                               |     |    |    |                              |
| work — — — — — all complete for       |                               |     |    |    |                              |
| Qty. wire P- 69 itm (17) =            |                               |     |    |    | 397.90                       |
| 2 Qty. wire P- 73 itm (10) =          |                               |     |    |    | 79.58 m <sup>3</sup>         |
| 2 Qty. wire P- 77 itm (21) =          |                               |     |    |    | 79.58 m <sup>3</sup>         |
|                                       |                               |     |    |    | 557.06 397.90 m <sup>3</sup> |
| CB 7665=03/m <sup>3</sup> — B         |                               |     |    |    | 3049915=                     |
|                                       |                               |     |    |    | R 4269882=                   |
| (19/25) P/V & fixing drainage & point |                               |     |    |    |                              |
| — as per SPL                          |                               |     |    |    |                              |
| Qty. wire P- 62 itm (18) =            |                               |     |    |    | 20 Nos.                      |
| 2 Qty. wire P- 77 itm (22) =          |                               |     |    |    | 8 Nos.                       |
|                                       |                               |     |    |    | 28 Nos.                      |
| CB 1019=09/each — B                   |                               |     |    |    | 28535=                       |
|                                       |                               |     |    |    |                              |
|                                       |                               |     |    |    |                              |
| Continuation R 91342912=              |                               |     |    |    |                              |

| Particulars                                                                                        | Details of actual measurement |      |    |           | Contents of area |
|----------------------------------------------------------------------------------------------------|-------------------------------|------|----|-----------|------------------|
|                                                                                                    | No.                           | L.   | B. | D.        |                  |
|                                                                                                    |                               | B.F. | —  | —         | Rs 91342912=     |
| (20/28) S/F/F & placing HYS D bars reinforcement in Super structure for slab & girder work — E/F — |                               |      |    |           |                  |
| Qty. vol. — 62 itm (19) = 60.470 mt                                                                |                               |      |    |           |                  |
| Qty. vol. — 73 itm (9) = 12.116 MT                                                                 |                               |      |    |           | ✓                |
| Qty. vol. — 76 itm (20) = 12.116 MT                                                                |                               |      |    |           | ✓                |
|                                                                                                    |                               |      |    | 84.702 MT |                  |
| CB 60720 = 27/MT —                                                                                 |                               |      |    | —         | Rs 5143128=      |
|                                                                                                    |                               |      |    |           | ✓                |
| (21/46) Construction of embankment with soil for diversion work — ele. all complete — 708          |                               |      |    |           |                  |
| Qty. vol. P-62 itm (20) = 10498.50 m <sup>3</sup>                                                  |                               |      |    |           |                  |
| CB 292 = 40/m <sup>3</sup> —                                                                       |                               |      |    | —         | Rs 2544836=      |
|                                                                                                    |                               |      |    |           | ✓                |
| (22/47) P/v local sand filling in foundation — as per spec                                         |                               |      |    |           |                  |
| Qty. vol. P-63 itm (21) = 288.75 m <sup>3</sup>                                                    |                               |      |    |           |                  |
| CB 474 = 94/m <sup>3</sup> —                                                                       |                               |      |    | —         | Rs 137139=       |
|                                                                                                    |                               |      |    |           | ✓                |
| (23/48) P/v & construction of granular sub base — all complete —                                   |                               |      |    |           |                  |
| Qty. vol. P-63 itm (22) = 383.63 m <sup>3</sup>                                                    |                               |      |    |           |                  |
| CB 2239 = 60/m <sup>3</sup> —                                                                      |                               |      |    | —         | Rs 859178=       |
| (24/49) P/v laying 1000 mm Hume pipe — as per spec & dir. of E/F                                   |                               |      |    |           |                  |
| Qty. vol. P-63 itm (23) = 75.00 m                                                                  |                               |      |    |           |                  |
| CB 4834 = 57/m                                                                                     |                               |      |    |           |                  |
| Continuation                                                                                       |                               |      |    |           | Rs 362593=       |
|                                                                                                    |                               |      |    |           | Rs 100389786=    |

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