

409/20-21

आवासीय क्षेत्र विकास

Schedule XLV Form No.-134

BIHAR P.W.D.

M/S D.S

Construction

(NDB)

अखिल

DIVISION

अखिल

SUB-DIVISION

# MEASUREMENT BOOK

अखिल अखिल अखिल

# 2nd & Final Bill

Sch. XLV-Form No. 134

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| Particulars                            | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------|-------------------------------|----|----|----|------------------|
|                                        | No.                           | L. | B. | D. |                  |
| <u>Name of work</u>                    |                               |    |    |    |                  |
| Matwarum tola to Dhumnagar             |                               |    |    |    |                  |
| Head - (MISY - NDB - GRRP-161)         |                               |    |    |    |                  |
| Block - Sangrampur                     |                               |    |    |    |                  |
| Agreement No - 46 SBD/2020-21          |                               |    |    |    |                  |
| Agency - R.S. Construction             |                               |    |    |    |                  |
| Date of work order - 17-09-2020        |                               |    |    |    |                  |
| Date of completion - 16-09-2021        |                               |    |    |    |                  |
| Actual date of completion - 14-03-2022 |                               |    |    |    |                  |
| Below - 0.08%                          |                               |    |    |    |                  |
| Date of entry - 20-01-2022             |                               |    |    |    |                  |
| ① construction of reference            |                               |    |    |    |                  |
| & working Benchmark -                  |                               |    |    |    |                  |
| over all measurement.                  |                               |    |    |    |                  |
| $54 \times 30.00 = 1620.00 \text{ m.}$ |                               |    |    |    |                  |
| $1 \times 20.00 = 20.00 \text{ m.}$    |                               |    |    |    |                  |
| $\text{Total} = 1640.00 \text{ m.}$    |                               |    |    |    |                  |
| $\text{or } 8/7 = 1.640 \text{ Km.}$   |                               |    |    |    |                  |

Continuation



# ABSTRACT OF COST

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Sch. XLV Form No 134

| Particulars                                            | Details of actual measurement |   |   |   | Contents of area |
|--------------------------------------------------------|-------------------------------|---|---|---|------------------|
|                                                        | No.                           | L | B | D |                  |
| Date - 14-03-2022                                      |                               |   |   |   |                  |
| (1/422) comp of Ref. & working<br>Bench mark - - - - - |                               |   |   |   |                  |
| Qty vide T.M.B. & page 12                              |                               |   |   |   |                  |
| Qty = 1.640 km                                         |                               |   |   |   |                  |
| @ Rs 10000.27/km - - - - -                             |                               |   |   |   | Rs 16415.00      |
| (2/423) comp of Ref. Pulley/Burjees<br>- - - - -       |                               |   |   |   |                  |
| Qty vide T.M.B. & page 13                              |                               |   |   |   |                  |
| Qty = 1.640 km                                         |                               |   |   |   |                  |
| @ Rs 9705.56/km - - - - -                              |                               |   |   |   | Rs 15917.00      |
| (3/424) clearing & grubbing<br>road land - - - - -     |                               |   |   |   |                  |
| Qty vide T.M.B. & page 13                              |                               |   |   |   |                  |
| Qty = 0.49 Hrs                                         |                               |   |   |   |                  |
| @ Rs 4946.70/Hrs - - - - -                             |                               |   |   |   | Rs 24253.00      |
| (4/425) comp of embankment<br>lead 100m - - - - -      |                               |   |   |   |                  |
| Qty vide T.M.B. & page 22                              |                               |   |   |   |                  |
| Qty = 774.39 m <sup>3</sup>                            |                               |   |   |   |                  |
| @ Rs 174.83/m <sup>3</sup> - - - - -                   |                               |   |   |   | Rs 135787.00     |
| (5/426) Embankment & sub grade<br>- - - - -            |                               |   |   |   |                  |
| Qty vide T.M.B. & page 20                              |                               |   |   |   |                  |

Continuation

Qty = 933.03 m<sup>3</sup>

@ Rs 17649/- → Rs 165023.00

Rs 257225.00

| Particulars                                                                                                                                                                                               | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                                           | No.                           | L. | B. | D. |                  |
| $\frac{5}{422}$ length of embankment<br>lead 100m - - -<br>sty wide 7.17.6.2 Page 22<br>sty = 1306.92 m <sup>2</sup><br>@ Rs 132.61/m <sup>2</sup> ————— Rs 252264.00                                     |                               |    |    |    |                  |
| $\frac{7}{424}$ laying brick setting<br>layer on surface on<br>Subgrade - - -<br>Hand spreading<br>sty wide 7.17.6.2 Page 20<br>sty = 245 m <sup>2</sup><br>@ Rs 471.27/m <sup>2</sup> ————— Rs 115461.00 |                               |    |    |    |                  |
| $\frac{8}{430}$ comp. of 150 mm by<br>P/R laying - - -<br>sty wide 7.17.6.2 Page 16<br>sty = 733.73 m <sup>2</sup><br>@ Rs 3185.58/m <sup>2</sup> ————— Rs 2512723.00                                     |                               |    |    |    |                  |
| $\frac{9}{431}$ P/R laying spreading<br>& compacting 40 mm<br>- - -<br>sty wide 7.17.6.2 Page 17<br>sty = 465.59 m <sup>2</sup><br>@ Rs 3355.85/m <sup>2</sup> ————— Rs 1341809.00                        |                               |    |    |    |                  |
| $\frac{15}{432}$ P/R & applying prime coat<br>sty wide 7.17.6.2 Page 18<br>sty = 437.75 m <sup>2</sup><br>@ Rs 41.47/m <sup>2</sup> ————— Rs 179057.00                                                    |                               |    |    |    |                  |

Continuation

Rs 5258715.00

| Particulars                                                                                                                                                          | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                      | No.                           | L. | B. | D. |                  |
| $\frac{11}{433}$ P/v & Applying Tack coat - - - - -<br>sty vide T.M.B. & Page 19<br>$sty = 4317.75 m^2$<br>@ Rs 14.05/m <sup>2</sup> ————— Rs 60664.00               |                               |    |    |    |                  |
| $\frac{12}{434}$ Mix Seal Surfacing - - - - -<br>sty vide T.M.B. & Page 19<br>$sty = 4317.75 m^2$<br>@ Rs 213.56/m <sup>2</sup> ————— Rs 922033.00                   |                               |    |    |    |                  |
| $\frac{13}{435}$ Comp. of un-reinforced Cement concrete - - -<br>sty vide T.M.B. & Page 18<br>$sty = 303.00 m^3$<br>@ Rs 7464.05 /m <sup>3</sup> ————— Rs 2261607.00 |                               |    |    |    |                  |
| $\frac{14}{437}$ ordinary km Stone - - - - -<br>sty vide T.M.B. & Page 25<br>2 Nos.<br>@ Rs 2517.02/each. ————— Rs 5034.00                                           |                               |    |    |    |                  |
| $\frac{15}{438}$ 200 mm Stone breast - - -<br>sty vide T.M.B. & Page 25<br>$sty = 714.3$<br>@ Rs 654.50/each. ————— Rs 4582.00                                       |                               |    |    |    |                  |

Continuation

Rs 3512701.00



| Particulars                                                                                                    | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                | No.                           | L. | B. | D. |                  |
| (16/440) Boundary pillars ---<br>sty vide T.M.B. & page 25<br>32 Nos.                                          |                               |    |    |    |                  |
| @ Rs 520.05/each                                                                                               |                               |    |    |    | Rs 16642.00      |
| (17/440) painting two coats<br>including primer ---<br>sty vide T.M.B. & page 26<br>sty = 11.18 m <sup>2</sup> |                               |    |    |    |                  |
| @ Rs 96.40/m <sup>2</sup>                                                                                      |                               |    |    |    | Rs 1076.00       |
| (18/441) P.V. & applying 2 coats<br>--- --- ---                                                                |                               |    |    |    |                  |
| sty vide T.M.B. & page 26<br>sty = 100.00 m <sup>2</sup>                                                       |                               |    |    |    |                  |
| @ Rs 90.30/m <sup>2</sup>                                                                                      |                               |    |    |    | Rs 9030.00       |
| (19/442) P.V. & applying of hot<br>applied theroma ---<br>Road marking                                         |                               |    |    |    |                  |
| sty vide T.M.B. & page 26<br>sty = 328.00 m <sup>2</sup>                                                       |                               |    |    |    |                  |
| @ Rs 735.40/m <sup>2</sup>                                                                                     |                               |    |    |    | Rs 241211.00     |
| (20/443) printing new letter<br>& figures ---                                                                  |                               |    |    |    |                  |
| sty vide T.M.B. & page 26<br>sty = 44/cm letter                                                                |                               |    |    |    |                  |
| @ Rs 0.50/cm letter                                                                                            |                               |    |    |    | Rs 22.00         |

Continuation

Rs 8780682.00

| Particulars                                                                | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                            | No.                           | L. | B. | D. |                  |
| <div>21</div> <div>444</div> P/v & fixing of masonry<br>Lago Board - - - - |                               |    |    |    |                  |
| Qty vide T.M.B. & Page - 26                                                |                               |    |    |    |                  |
| Qty = 2 Nos.                                                               |                               |    |    |    |                  |
| @ Rs 11445.72/each - Rs                                                    |                               |    |    |    | 22891.00         |
| <div>22</div> <div>445</div> P/v & fixing of Membrane<br>Board - - - -     |                               |    |    |    |                  |
| Qty vide T.M.B. & Page - 27                                                |                               |    |    |    |                  |
| Qty = 2 Nos.                                                               |                               |    |    |    |                  |
| @ Rs 11445.72/each - Rs                                                    |                               |    |    |    | 22891.00         |
| <div>23</div> <div>446</div> 600 mm equilateral<br>triangle - - - -        |                               |    |    |    |                  |
| Qty vide T.M.B. & Page - 27                                                |                               |    |    |    |                  |
| Qty = 10 Nos.                                                              |                               |    |    |    |                  |
| @ Rs 3710.78/each - Rs                                                     |                               |    |    |    | 37108.00         |
| <div>24</div> <div>447</div> 600 mm circular - - -                         |                               |    |    |    |                  |
| Qty vide T.M.B. & Page - 27                                                |                               |    |    |    |                  |
| Qty = 8 Nos.                                                               |                               |    |    |    |                  |
| @ Rs 5024.81/each - Rs                                                     |                               |    |    |    | 40198.00         |
| <div>25</div> <div>448</div> 900 mm <del>square</del> octagonal<br>- - - - |                               |    |    |    |                  |
| Qty vide T.M.B. & Page - 27                                                |                               |    |    |    |                  |
| Qty = 2 Nos.                                                               |                               |    |    |    |                  |
| @ Rs 8252.62/each - Rs                                                     |                               |    |    |    | 16585.00         |

Continuation

Rs 8920355.00



| Particulars                   | Details of actual measurement        |    |    |    | Contents of area |
|-------------------------------|--------------------------------------|----|----|----|------------------|
|                               | No.                                  | L. | B. | D. |                  |
| <div>26</div> <div>448</div>  | 60mm x 450mm regular                 |    |    |    |                  |
| Qty vide T.M.B. & page 27     |                                      |    |    |    |                  |
| Qty = 2 Nos.                  |                                      |    |    |    |                  |
| @ Rs 4335.77/mch — Rs 8672.00 |                                      |    |    |    |                  |
| <div>27</div> <div>449</div>  | P.V. & laying 300 mch R.C. Hume pipe |    |    |    |                  |
| Qty vide T.M.B. & page 25     |                                      |    |    |    |                  |
| Qty = 30.00 Rm                |                                      |    |    |    |                  |
| @ Rs 780.20/Rm — Rs 23406.00  |                                      |    |    |    |                  |

|           |                           |  |  |  |          |
|-----------|---------------------------|--|--|--|----------|
| 28<br>451 | planting of tree          |  |  |  |          |
|           | 2 there's maintenance     |  |  |  |          |
|           |                           |  |  |  |          |
|           | Qty vide T.M.B. & page 27 |  |  |  |          |
|           | Qty = 114 Nos.            |  |  |  |          |
|           | @ Rs 800.30/each — Rs     |  |  |  | 91234.00 |

|                                  |                |  |  |  |  |
|----------------------------------|----------------|--|--|--|--|
| <div>29</div> <div>452</div>     | E/W excavation |  |  |  |  |
| in foundation - - - -            |                |  |  |  |  |
| Qty vide T.M.B. & page - 23      |                |  |  |  |  |
| Qty = 13.82 m <sup>3</sup>       |                |  |  |  |  |
| Qty vide T.M.B. & page - 13      |                |  |  |  |  |
| Qty = 147.24 m <sup>3</sup>      |                |  |  |  |  |
| <hr/>                            |                |  |  |  |  |
| Qty = 141.02 m <sup>3</sup>      |                |  |  |  |  |
| Total Qty = 15.82 m <sup>3</sup> |                |  |  |  |  |
| Continuation                     |                |  |  |  |  |

Continuation

@ Rs 260.55/m<sup>3</sup> — Rs 4123.00

Rs 3047790.00



| Particulars                                                                                                                                                          | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                      | No.                           | L. | B. | D. |                  |
| $\frac{30}{450}$ Sand filling in foundation ---<br>sty vide T.M.B. 21 pg-23<br>sty = 1.33 m <sup>3</sup><br>@ Rs 332.24/m <sup>3</sup> — Rs 552.00                   |                               |    |    |    |                  |
| $\frac{31}{450}$ P/V R.C.C. 115 grade foundation ---<br>sty vide T.M.B. 21 pg-23<br>sty = 0.30 m <sup>3</sup><br>@ Rs 2206.24/m <sup>3</sup> — Rs 5536.00            |                               |    |    |    |                  |
| $\frac{32}{460}$ P/V R.C.C. 115 concrete for Box culvert ---<br>sty vide T.M.B. 24 pg-24<br>sty = 14.64 m <sup>3</sup><br>@ Rs 7873.24/m <sup>3</sup> — Rs 115273.00 |                               |    |    |    |                  |
| $\frac{33}{461}$ Back filling behind abutment & wing walls ---<br>sty vide T.M.B. 24 pg-24<br>sty = 7.20 m <sup>3</sup><br>@ Rs 3046.20/m <sup>3</sup> — Rs 21937.00 |                               |    |    |    |                  |
| $\frac{34}{462}$ P/V weep hole: ---<br>--- --- ---                                                                                                                   |                               |    |    |    |                  |

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| Particulars                                    | Details of actual measurement |    |    |    | Contents of area |
|------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                | No.                           | L. | B. | D. |                  |
| Qty wale 1 m B. & Page 25                      |                               |    |    |    |                  |
| Qty = 10 Nos.                                  |                               |    |    |    |                  |
| @ Rs 83.33/cum —                               |                               |    |    |    | Rs 834.00        |
| (35)<br>464 Supplying & Lifting<br>& placing — |                               |    |    |    |                  |
| Qty wale 1 m B. & Page 25                      |                               |    |    |    |                  |
| Qty = 1.08 MT                                  |                               |    |    |    |                  |
| @ Rs 53325.54 —                                |                               |    |    |    | Rs 57592.00      |
|                                                |                               |    |    |    |                  |
|                                                |                               |    |    |    | Rs 9249584.00    |
| (36)<br>471 Add GST @ 12%                      |                               |    |    |    | Rs 1109948.00    |
| (37)<br>472 Add cess @ 1%                      |                               |    |    |    | Rs 92496.00      |
|                                                |                               |    |    |    | Rs 10452008.00   |
| Below 0.03% Rs(-)                              |                               |    |    |    | 3136.00          |
|                                                |                               |    |    |    | Rs 10448872.00   |
| Less previous Bmt                              |                               |    |    |    |                  |
| 1 m B. & Page 10 Rs(-)                         |                               |    |    |    | 3814805.00       |
| Net Rs                                         |                               |    |    |    | 6634067.00       |
| 14.03.22<br>A-E                                |                               |    |    |    | 14.03.2022<br>JG |