

RCD ROAD TO SHANTI TOLA

MMGSY - NDB

**Measurement Book**

7657

Schedule XLV-Form No. 134

DIVISION

PATNA SADAR

SUB-DIVISION



Name of Work -  
 Situation of work -  
 Agency by which work is executed -  
 Date of measurement -  
 No. and date of agreement -  
 (These four lines should be repeated at the commencement  
 of the measurements relating to each work).

| Particulars                     | Details of actual measurement |    |    |    | Contents of area |
|---------------------------------|-------------------------------|----|----|----|------------------|
|                                 | No.                           | L. | B. | D. |                  |
| Name of road - East of road     |                               |    |    |    |                  |
| from RCB road to                |                               |    |    |    |                  |
| Shanti Tola under MHGSY         |                               |    |    |    |                  |
| NDB-BRRP-406 Patna              |                               |    |    |    |                  |
| Agency - H/S Shree Megatank, UP |                               |    |    |    |                  |
| Khemnichak, Patna               |                               |    |    |    |                  |
| Agreement No - 24 SDB/23-24     |                               |    |    |    |                  |
| Date of commencement - 15/5/23  |                               |    |    |    |                  |
| Date of completion - 14/5/24    |                               |    |    |    |                  |

|                             |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| Rate approved - 0.57% below |  |  |  |  |  |
| Record Entry Date           |  |  |  |  |  |
| (17) Pro. and fixing of     |  |  |  |  |  |
| Working bench mark /        |  |  |  |  |  |
| reference pillars -         |  |  |  |  |  |
| Benchmark pillars - 1 No,   |  |  |  |  |  |
| Reference pillars - 3 No,   |  |  |  |  |  |
|                             |  |  |  |  |  |
|                             |  |  |  |  |  |
|                             |  |  |  |  |  |
|                             |  |  |  |  |  |

Continuation

| Particulars                                                               | Details of actual measurement |    |    |    | Contents of area       |
|---------------------------------------------------------------------------|-------------------------------|----|----|----|------------------------|
|                                                                           | No.                           | L. | B. | D. |                        |
| (2/4) Clearing and grubbing road land including uprooting wild vegetation |                               |    |    |    |                        |
| 2x 10x 30.00 x 3.50 =                                                     |                               |    |    |    | 1750.00 m <sup>2</sup> |
| 2x 10x 25.00 x 3.50 =                                                     |                               |    |    |    | 1750.00 m <sup>2</sup> |
| 2x 10x 25.00 x 3.50 =                                                     |                               |    |    |    | 1750.00 m <sup>2</sup> |
| 2x 2x 25.00 x 3.50 =                                                      |                               |    |    |    | 350.00 m <sup>2</sup>  |
| Total by                                                                  |                               |    |    |    | 5600.00 m <sup>2</sup> |
|                                                                           |                               |    |    |    | or 0.56 Hect           |

| (3/3) Cost of embankment with material obtained from borrow pits |        |                             |                             |          |                       |
|------------------------------------------------------------------|--------|-----------------------------|-----------------------------|----------|-----------------------|
| S.No                                                             | Length | Fill Area (m <sup>2</sup> ) | Mean Area (m <sup>2</sup> ) | Dist (m) | Vol (m <sup>3</sup> ) |
| 1.                                                               | 0.00   |                             |                             | 0.00     |                       |
| 2.                                                               | 50.00  |                             |                             | 50.00    |                       |
| 3.                                                               | 100.00 |                             |                             | 50.00    |                       |
| 4.                                                               | 150.00 |                             |                             | 50.00    |                       |
| 5.                                                               | 200.00 |                             |                             | 50.00    |                       |
| 6.                                                               | 250.00 |                             |                             | 50.00    |                       |
| 7.                                                               | 300.00 |                             |                             | 50.00    |                       |
| 8.                                                               | 350.00 |                             |                             | 50.00    |                       |

Continuation

| Particulars      | Details of actual measurement |    |    |      | Contents of area       |
|------------------|-------------------------------|----|----|------|------------------------|
|                  | No.                           | L. | B. | D.   |                        |
|                  |                               |    |    |      |                        |
|                  |                               |    |    |      |                        |
| 9.               | 400 m                         |    |    | 50 m |                        |
| 10.              | 450 m                         |    |    | 50 m |                        |
| 11.              | 500 m                         |    |    | 50 m |                        |
| 12.              | 550 m                         |    |    | 50 m |                        |
| 13.              | 600 m                         |    |    | 50 m |                        |
| 14.              | 650 m                         |    |    | 50 m |                        |
| 15.              | 700 m                         |    |    | 50 m |                        |
| 16.              | 750 m                         |    |    | 50 m |                        |
| 17.              | 800 m                         |    |    | 50 m |                        |
| Total Embankment |                               |    |    |      | 1987.58 m <sup>3</sup> |

Lead up to 1000 m 397.52 m<sup>3</sup>

Lead up to 100 m 1590.06 m<sup>3</sup>

(4/4) Est. of Subgrade  
and earth Doubling

$$1 \times 10 \times 25.00 \times 6.00 \times 0.300 = 450.00 \text{ m}^3$$

$$1 \times 16 \times 25.00 \times 6.00 \times 0.300 = 720.00 \text{ m}^3$$

$$1 \times 6 \times 25.00 \times 6.00 \times 0.300 = 270.00 \text{ m}^3$$

Total for 1440.00 m<sup>3</sup>

5/ Pro and fixing of  
typical MHGst in situ  
sign post 240,

Continuation

1st of Bill

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| Particulars             | Details of actual measurement |    |    |    | Contents of area |
|-------------------------|-------------------------------|----|----|----|------------------|
|                         | No.                           | L. | B. | D. |                  |
| Name of work: -         | Const. and                    |    |    |    |                  |
| Maint. of road from RCI | road to Santitola             |    |    |    |                  |
|                         | under MHGey NDB               |    |    |    |                  |
| Agency -                | M/s Sheela Megatch LLP        |    |    |    |                  |
|                         | Jagadpura, Patna              |    |    |    |                  |
| Agreement No -          | 24 SDB/2022-23                |    |    |    |                  |
| Date of commencement -  | 15/5/23                       |    |    |    |                  |
| Date of Completion -    | 14/5/24                       |    |    |    |                  |
| Rate Approval -         | 0.51/1. Below                 |    |    |    |                  |

Abstract of cost

|                        |                        |  |  |  |
|------------------------|------------------------|--|--|--|
| (1/1)                  | Pro and fixing of      |  |  |  |
|                        | Work's Benchmarks      |  |  |  |
|                        | Reference pillars - 1. |  |  |  |
|                        | Bench Mark pillars     |  |  |  |
| 1 No. with T.M.B.P (1) |                        |  |  |  |
| @ ₹ 4368.69/No.        | ₹ 4369.00              |  |  |  |
| Reference pillars      |                        |  |  |  |
| 3 No. with T.M.B.P (1) |                        |  |  |  |
| @ ₹ 8070.96/No         | ₹ 24213.00             |  |  |  |

Continuation



Scanned with OKEN Scanner

| Particulars                                                             | Details of actual measurement |    |    |    | Contents of area |
|-------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                         | No.                           | L. | B. | D. |                  |
| (2/1) Cleaning and grubbing road land (by manual means) — 1 — 1         |                               |    |    |    |                  |
| 0.56 Hect. road T.H.B.P (2)                                             |                               |    |    |    |                  |
| @ ₹ 72697.80/ha                                                         |                               |    |    |    | ₹ 40711.00       |
| (3/3) Cost of embankment with approved material lead up to 100m — 1 — 1 |                               |    |    |    |                  |
| 1590.08 m <sup>3</sup> with T.H.B.P (3)                                 |                               |    |    |    |                  |
| @ ₹ 217.24/m <sup>3</sup>                                               |                               |    |    |    | ₹ 345425.00      |
| (4/4) Cost of embankment with approved material lead up to 100m — 1 — 1 |                               |    |    |    |                  |
| 397.52 m <sup>3</sup> with T.H.B.P (3)                                  |                               |    |    |    |                  |
| @ ₹ 258.51/m <sup>3</sup>                                               |                               |    |    |    | ₹ 102763.00      |
| (5/5) Cost of subgrade and earthen shoulder — 1 — 1                     |                               |    |    |    |                  |
| 1440.00 m <sup>3</sup> with T.H.B.P (3)                                 |                               |    |    |    |                  |
| @ ₹ 259.38/m <sup>3</sup>                                               |                               |    |    |    | ₹ 373507.00      |

Continuation

Continuation