

**ହେମାଲକ୍ଷୀ.ସି.ସି.**

ମା.ବି.ନଂ-3314

ଫାକ୍ଟରୀରୁ ଉତ୍ପାଦିତ ହେଉଥିବା ସବୁଜ ଫଳାଫଳ ଉପରେ ଶୁଳ୍କ ଆବେଦନ

**Schedule XLV Form No. 134.**

ଫାକ୍ଟରୀର ନଂ-୧୨୦-515BD/2028-21

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୧୨୦୫-୧୨୧ ୧୨୩୭୧୭ ୬୫୩୧

**DIVISION**

୧୨୧ ୧୨୩୭୧୭-୧୨୩୭୧୭ ୧୨୩୭୧୭

**SUB-DIVISION**

୧୨୩୭୧୭

**Measurement Book**

**ମା.ବି.ନଂ-3314**

## 1

(These four lines should be repeated at the commencement of the measurement relating to each work)

Continuation

| Particulars                                                                                       | Details of actual measurement |    |    |    | Contents of area                                                                                       |
|---------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|--------------------------------------------------------------------------------------------------------|
|                                                                                                   | No.                           | L. | B. | D. |                                                                                                        |
| (3) Box Cutting — Excavation for road way in Soil using manual means                              |                               |    |    |    |                                                                                                        |
| For B.T. Portion,                                                                                 |                               |    |    |    |                                                                                                        |
|                                                                                                   |                               |    |    |    | $2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 31.50 \text{ m}^3$  |
|                                                                                                   |                               |    |    |    | $2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 31.50 \text{ m}^3$  |
|                                                                                                   |                               |    |    |    | $2 \times 10 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 31.50 \text{ m}^3$  |
|                                                                                                   |                               |    |    |    | $2 \times 3 \times 30.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 9.45 \text{ m}^3$    |
|                                                                                                   |                               |    |    |    | $2 \times 1 \times 20.00 \text{ m} \times 0.525 \text{ m} \times 0.10 \text{ m} = 2.10 \text{ m}^3$    |
| For C.C. Portion,                                                                                 |                               |    |    |    |                                                                                                        |
|                                                                                                   |                               |    |    |    | $2 \times 6 \times 30.00 \text{ m} \times 0.375 \text{ m} \times 0.10 \text{ m} = 13.50 \text{ m}^3$   |
|                                                                                                   |                               |    |    |    | $2 \times 1 \times 10.00 \text{ m} \times 0.375 \text{ m} \times 0.10 \text{ m} = 0.75 \text{ m}^3$    |
|                                                                                                   |                               |    |    |    | Total = 120.30 m <sup>3</sup>                                                                          |
| (4) Construction of embankment — with approved material deposited from roadway cutting.           |                               |    |    |    |                                                                                                        |
|                                                                                                   |                               |    |    |    | Qty = 60% of excavated material                                                                        |
|                                                                                                   |                               |    |    |    | = 60% of 120.30 m <sup>3</sup>                                                                         |
|                                                                                                   |                               |    |    |    | <del>60.18</del> = 72.18 m <sup>3</sup>                                                                |
| (5) Construction of embankment — with material obtained from borrow pits with a lead upto 1000 m. |                               |    |    |    |                                                                                                        |
|                                                                                                   |                               |    |    |    | $2 \times 10 \times 30.00 \text{ m} \times 1.250 \text{ m} \times 0.20 \text{ m} = 150.00 \text{ m}^3$ |
|                                                                                                   |                               |    |    |    | $2 \times 10 \times 30.00 \text{ m} \times 1.250 \text{ m} \times 0.20 \text{ m} = 150.00 \text{ m}^3$ |
|                                                                                                   |                               |    |    |    | $2 \times 4 \times 30.00 \text{ m} \times 1.250 \text{ m} \times 0.20 \text{ m} = 60.00 \text{ m}^3$   |
|                                                                                                   |                               |    |    |    | Total = 360.00 m <sup>3</sup>                                                                          |

Continuation

| Particulars                             | Details of actual measurement |        |        |       | Contents of area       |
|-----------------------------------------|-------------------------------|--------|--------|-------|------------------------|
|                                         | No.                           | L.     | B.     | D.    |                        |
| ⑥ Construction of granular              |                               |        |        |       |                        |
| Sub-base by providing <del>coarse</del> |                               |        |        |       |                        |
| Coarse graded material.                 |                               |        |        |       |                        |
| For B.T. portion -                      |                               |        |        |       |                        |
| In box cutting                          |                               |        |        |       |                        |
| 2x                                      | 10x30.00m                     | 0.525m | 0.10m  | =     | 31.50m <sup>2</sup>    |
| 2x                                      | 10x30.00m                     | 0.525m | 0.10m  | =     | 31.50m <sup>2</sup>    |
| 2x                                      | 10x30.00m                     | 0.525m | 0.10m  | =     | 31.50m <sup>2</sup>    |
| 2x                                      | 3x30.00m                      | 0.525m | 0.10m  | =     | 9.45m <sup>2</sup>     |
| 2x                                      | 1x20.00m                      | 0.525m | 0.10m  | =     | 2.10m <sup>2</sup>     |
| In full width -                         |                               |        |        |       |                        |
| ⑦                                       | 10                            | 30.00m | 4.050m | 0.10m | = 121.50m <sup>2</sup> |
| ⑧                                       | 10                            | 30.00m | 4.050m | 0.10m | = 121.50m <sup>2</sup> |
| ⑨                                       | 10                            | 30.00m | 4.050m | 0.10m | = 121.50m <sup>2</sup> |
| 3x                                      | 30.00m                        | 4.050m | 0.10m  | =     | 36.45m <sup>2</sup>    |
| 1x                                      | 20.00m                        | 4.050m | 0.10m  | =     | 8.10m <sup>2</sup>     |
| for profile correction,                 |                               |        |        |       |                        |
| 4x                                      | 4.20m                         | 3.00m  | 0.10m  | =     | 5.04m <sup>2</sup>     |
| 3x                                      | 4.50m                         | 3.00m  | 0.10m  | =     | 4.05m <sup>2</sup>     |
| Extra width at H-curve,                 |                               |        |        |       |                        |
| 2x                                      | 2.50m                         | 3.00m  | 0.10m  | =     | 1.50m <sup>2</sup>     |
| 4x                                      | 5.80m                         | 0.550m | 0.10m  | =     | 1.22m <sup>2</sup>     |
| 2x                                      | 6.00m                         | 0.580m | 0.10m  | =     | 0.69m <sup>2</sup>     |
| 4x                                      | 5.60m                         | 0.520m | 0.10m  | =     | 1.12m <sup>2</sup>     |
| Qty c/o =                               |                               |        |        |       | 528.77m <sup>2</sup>   |

Continuation

| Particulars                                           | Details of actual measurement |          |          |           | Contents of area      |
|-------------------------------------------------------|-------------------------------|----------|----------|-----------|-----------------------|
|                                                       | No.                           | L.       | B.       | D.        |                       |
|                                                       |                               |          | Qty      | B/F =     | 528.77 m <sup>3</sup> |
| For C.C. Portion                                      |                               |          |          |           |                       |
| 9m long Culding —                                     |                               |          |          |           |                       |
|                                                       | 2x                            | 6x30.00m | x 0.375m | x 0.10m = | 13.50 m <sup>3</sup>  |
|                                                       | 2x                            | 1x10.00m | x 0.375m | x 0.10m = | 0.75 m <sup>3</sup>   |
| for profile correction —                              |                               |          |          |           |                       |
|                                                       | 2x                            | 3.80m    | x 3.00m  | x 0.10m = | 2.28 m <sup>3</sup>   |
| Extra width of H.C.C.                                 |                               |          |          |           |                       |
|                                                       | 2x                            | 4.50m    | x 0.50m  | x 0.10m = | 0.45 m <sup>3</sup>   |
|                                                       |                               |          |          | Total =   | 545.75 m <sup>3</sup> |
| (7) Plr, Laying, Spreading & Compacting of W.B.M. — 3 |                               |          |          |           |                       |

For B.T. Portion

$$10 \times 30.00m \times 3.75m \times 0.075m = 84.37m^3$$

$$10 \times 30.00m \times 3.75m \times 0.075m = 84.37m^3$$

Extra width of H-cum,

$$2 \times 2.50m \times 3.00m \times 0.075m = 1.12m^3$$

$$4 \times 5.80m \times 0.550m \times 0.075m = 0.95m^3$$

Total = 170.81m<sup>3</sup>

8) Plr & lining of typical masonry infirmatory sign board with logs = 0.2 No

1 Tick & elem checked & initial

27/8/21  
 JTE

24/11/21  
 AE

Continuation

| Particulars                              | Details of actual measurement |    |    |    | Contents of area     |
|------------------------------------------|-------------------------------|----|----|----|----------------------|
|                                          | No.                           | L. | B. | D. |                      |
| <u>Abstract of Cost</u>                  |                               |    |    |    |                      |
| <u>1. P.R. &amp; fixing of working</u>   |                               |    |    |    |                      |
| <u>Benchmark pillars.</u>                |                               |    |    |    |                      |
| <u>1.250 Km, vide TMBP-1</u>             |                               |    |    |    |                      |
| <u>① Rs 5939 = 69 / Km - B</u>           |                               |    |    |    | <u>7425 = 00</u>     |
| <u>2. Clearing &amp; grubbing of</u>     |                               |    |    |    |                      |
| <u>road land.</u>                        |                               |    |    |    |                      |
| <u>0.240 Hect, vide TMBP-1</u>           |                               |    |    |    |                      |
| <u>① Rs 51133 = 76 / Hect - B</u>        |                               |    |    |    | <u>12,272 = 00</u>   |
| <u>3. Excavation for roadway</u>         |                               |    |    |    |                      |
| <u>in soil using manual</u>              |                               |    |    |    |                      |
| <u>means.</u>                            |                               |    |    |    |                      |
| <u>120.30 m<sup>3</sup>, vide TMBP-2</u> |                               |    |    |    |                      |
| <u>① Rs 126224 / m<sup>3</sup> - B</u>   |                               |    |    |    | <u>15,187 = 00</u>   |
| <u>4. Construction of embankment</u>     |                               |    |    |    |                      |
| <u>with approved material</u>            |                               |    |    |    |                      |
| <u>deposited from roadway</u>            |                               |    |    |    |                      |
| <u>cutting.</u>                          |                               |    |    |    |                      |
| <u>72.18 m<sup>3</sup>, vide TMBP-2</u>  |                               |    |    |    |                      |
| <u>① Rs 88236 / m<sup>3</sup> - B</u>    |                               |    |    |    | <u>6378 = 00</u>     |
| <u>5. Construction of embankment</u>     |                               |    |    |    |                      |
| <u>with borrow pit with a</u>            |                               |    |    |    |                      |
| <u>level upto 1000 m.</u>                |                               |    |    |    |                      |
| <u>360100 m<sup>3</sup>, vide TMBP-2</u> |                               |    |    |    |                      |
| <u>① Rs 184230 / m<sup>3</sup> - B</u>   |                               |    |    |    | <u>66,348 = 00</u>   |
| <u>c/o Rs</u>                            |                               |    |    |    | <u>1,07,610 = 00</u> |

Continuation

| Particulars                                | Details of actual measurement |    |     |    | Contents of area |
|--------------------------------------------|-------------------------------|----|-----|----|------------------|
|                                            | No.                           | L. | B.  | D. |                  |
|                                            |                               |    | B/F | Rs | 1,07,610=00      |
| <u>6</u><br>8 Construction of granule      |                               |    |     |    |                  |
| Sub-base by providing                      |                               |    |     |    |                  |
| Coarse graded material                     |                               |    |     |    |                  |
| 545.75 m <sup>3</sup> vide TMBP-4          |                               |    |     |    |                  |
| (a) Rs 3195=28/m <sup>3</sup> - Rs         |                               |    |     |    | 17,43,824=00     |
| <u>7</u><br>9 P.V. Laying, spreading       |                               |    |     |    |                  |
| & Compacting of WBM-3                      |                               |    |     |    |                  |
| 170.81 m <sup>3</sup> vide TMBP-4          |                               |    |     |    |                  |
| (a) Rs 3901=38/m <sup>3</sup> - Rs         |                               |    |     |    | 6,66,395=00      |
| <u>8</u><br>23125 P.V. & Lining of typical |                               |    |     |    |                  |
| manhole in form of                         |                               |    |     |    |                  |
| size man with 1050                         |                               |    |     |    |                  |
| 02 Nos. vide TMBP-4                        |                               |    |     |    |                  |
| (a) Rs 9342=45/No - Rs                     |                               |    |     |    | 18685=00         |
| Total Rs                                   |                               |    |     |    | 25,36,514=00     |
| Less 0.50% (below) Rs                      |                               |    |     |    | 12,683=00        |
| Rs                                         |                               |    |     |    | 25,23,831=00     |
| Adding 12% (CST) + Rs                      |                               |    |     |    | 3,02,860=00      |
| Adding 1% (L.C.S) + Rs                     |                               |    |     |    | 25,238=00        |
| Adding S. Fee (As calculated) + Rs         |                               |    |     |    | 25,227=00        |
| Total Rs                                   |                               |    |     |    | 28,77,156=00     |
| (Rupees Twenty eight Lakh,                 |                               |    |     |    |                  |
| seventy seven thousand, one                |                               |    |     |    |                  |
| hundred fifty six) only                    |                               |    |     |    |                  |
| M/Anwar                                    |                               |    |     |    |                  |
| 22/01/21                                   |                               |    |     |    |                  |
| (S.E)                                      |                               |    |     |    |                  |
| M/Anwar                                    |                               |    |     |    |                  |
| 24/11/21                                   |                               |    |     |    |                  |
| AR                                         |                               |    |     |    |                  |

Continuation

cap  
m/s 20/11/21