

Contract road & all work with guarantee for 13 months  
of 2 months & 10 days & 10 days & 10 days & 10 days  
Schedule XLV-Form No. 1334

2107-4212

Executive Engineer

R. N. D. Works Division

Shimoga

DIVISION

SUB-DIVISION

11/11

MEASUREMENT BOOK

3861

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 measurement relating to each work)

| Particulars                                                                                                          | Details of actual measurement |      |    |    | Contents of area |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------|------|----|----|------------------|
|                                                                                                                      | No.                           | L.   | B. | D. |                  |
|                                                                                                                      | 1st on A/c                    | Bill |    |    |                  |
| 1W:- Construction of Road & C.O. Work with Maintenance for Bikhonpur R. E. O. Road to Kurmi Tula under Parihar Block |                               |      |    |    |                  |
| Gr. No:- S.B.N.-58/2023-24                                                                                           |                               |      |    |    |                  |
| Agency:- Manoj Raj                                                                                                   |                               |      |    |    |                  |
| D.O.S:- 30.12.023                                                                                                    |                               |      |    |    |                  |
| D.O.C:- 29.12.024                                                                                                    |                               |      |    |    |                  |

### Record Entry/ Measurement

|                                           |         |      |      |         |                         |
|-------------------------------------------|---------|------|------|---------|-------------------------|
| ① Earth Work in excavation for foundation |         |      |      |         |                         |
| H.W.-                                     | 2       | 6.45 | 1.40 | 1.50    | = 27.09 M <sup>3</sup>  |
| Below Pipe-                               | 1       | 4.85 | 1.53 | 0.365   | = 2.708"                |
|                                           |         |      |      |         | = 29.798 M <sup>3</sup> |
| ② P.C.C. in levelling course              |         |      |      |         |                         |
|                                           | 2       | 6.45 | 1.40 | 0.15    | = 2.709 M <sup>3</sup>  |
|                                           | 1       | 4.93 | 1.53 | 0.25    | = 1.886"                |
|                                           |         |      |      |         | = 4.595 M <sup>3</sup>  |
| Signature                                 |         |      |      |         |                         |
|                                           | 10/1/24 |      |      |         |                         |
| Signature                                 |         |      |      |         |                         |
|                                           |         |      |      | 10/1/24 |                         |

Continuation

| Particulars                                                                                                                                                         | Details of actual measurement |   |   |   | Contents of area      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|---|---|-----------------------|
|                                                                                                                                                                     | No.                           | L | B | D |                       |
| ① D12 R.C.C. Main Sill Stone                                                                                                                                        |                               |   |   |   |                       |
| 4.12 - 2 x 6.10 x 0.825 x 3.14 = 32.083 m <sup>3</sup>                                                                                                              |                               |   |   |   |                       |
| Imp. 2 x 6.10 x 0.40 x 1.0 = 4.88 m <sup>3</sup>                                                                                                                    |                               |   |   |   |                       |
| 2 x 3.10 x 0.23 x 0.522 = 1.078 m <sup>3</sup>                                                                                                                      |                               |   |   |   |                       |
|                                                                                                                                                                     |                               |   |   |   | 35.423 m <sup>3</sup> |
| ② R.C.C. NP 100mm dia. Pipe                                                                                                                                         |                               |   |   |   |                       |
| 3 x 2.50 = 7.50 m <sup>3</sup>                                                                                                                                      |                               |   |   |   |                       |
| ③ Painting on parapet wall                                                                                                                                          |                               |   |   |   |                       |
| 2 x 6.10 x 0.40 = 4.88 m <sup>2</sup>                                                                                                                               |                               |   |   |   |                       |
| 4 x 6.10 x 0.60 = 14.52 m <sup>2</sup>                                                                                                                              |                               |   |   |   |                       |
| 2 x 2.70 x 0.60 = 0.96 m <sup>2</sup>                                                                                                                               |                               |   |   |   |                       |
|                                                                                                                                                                     |                               |   |   |   | 20.48 m <sup>2</sup>  |
| <div style="display: flex; justify-content: space-between;"> <div> <u>Initialed</u><br/>12/1/24         </div> <div> <u>Kumar</u><br/>18/1/24         </div> </div> |                               |   |   |   |                       |
| Record Entry                                                                                                                                                        |                               |   |   |   |                       |
| ① Earth work in around fund <sup>n</sup>                                                                                                                            |                               |   |   |   |                       |
| Abutment - 2 x <sup>4.55</sup> <del>2.15</del> x 2.133 x 1.60 = 31.058 m <sup>3</sup>                                                                               |                               |   |   |   |                       |
| R. wall - 2 x 1.767 x 1.93 x 1.60 = 10.913 m <sup>3</sup>                                                                                                           |                               |   |   |   |                       |
| Floor under Deck Slab - 1 x 7.70 x 1.20 x 0.25 = 2.31 m <sup>3</sup>                                                                                                |                               |   |   |   |                       |
| Add for extra for slope = 4.428 m <sup>3</sup>                                                                                                                      |                               |   |   |   |                       |
|                                                                                                                                                                     |                               |   |   |   | 48.707 m <sup>3</sup> |
| ② Sand filling in fund <sup>n</sup> trenches                                                                                                                        |                               |   |   |   |                       |
| do do                                                                                                                                                               |                               |   |   |   |                       |

## Sch. XLV-Form No. 134

| Particulars                              | Details of actual measurement |        |                         |                        | Contents of area |
|------------------------------------------|-------------------------------|--------|-------------------------|------------------------|------------------|
|                                          | No.                           | L.     | B.                      | D.                     |                  |
| 1x7.70                                   | x1.62                         | 9x0.10 | = 1.254 m <sup>3</sup>  |                        |                  |
| Shriyansh<br>20/1/24                     |                               |        |                         |                        |                  |
| Kumar<br>20/1/24<br>7.2                  |                               |        |                         |                        |                  |
| Record Entry                             |                               |        |                         |                        |                  |
| ① Br. PCC m 15 in open foundation        |                               |        |                         |                        |                  |
| 2x <del>9.55</del>                       | 2.133                         | x0.20  | = 3.882 m <sup>3</sup>  |                        |                  |
| 2x1.767                                  | x1.93                         | x0.20  | = 1.364 "               |                        |                  |
| 1x7.70                                   | x1.736                        | x0.15  | = 2.005 "               |                        |                  |
| = 7.251 m <sup>3</sup>                   |                               |        |                         |                        |                  |
| Shriyansh<br>20/1/24                     |                               |        |                         |                        |                  |
| Kumar<br>21/1/24<br>7.                   |                               |        |                         |                        |                  |
| Record Entry                             |                               |        |                         |                        |                  |
| ① Brick masonry in m (1:4) in foundation |                               |        |                         |                        |                  |
| Below G.L.                               |                               |        |                         |                        |                  |
| Alt - 2x4.15                             | x1.63                         | 3x1.40 | = 18.975 m <sup>3</sup> |                        |                  |
| R.wall - 2x1.767                         | x1.43                         | x1.40  | = 7.675 "               |                        |                  |
| = 26.05 m <sup>3</sup>                   |                               |        |                         |                        |                  |
| ② Brick masonry (1:4) in sub-structure   |                               |        |                         |                        |                  |
| Above G.L.                               |                               |        |                         |                        |                  |
| Alt - 2x                                 | 3.75                          | x0.917 | x1.30                   | = 8.936 m <sup>3</sup> |                  |
| R.wall - 2x1.984                         | x0.665                        | x1.59  | = 4.95 "                |                        |                  |
| = 13.131 m <sup>3</sup>                  |                               |        |                         |                        |                  |
| Shriyansh<br>18/1/24                     |                               |        |                         |                        |                  |
| Kumar<br>28/1/24<br>7.                   |                               |        |                         |                        |                  |

Continuation

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Sch. XIV-Form No. 134

| Particulars                                          | Details of actual measurement |      |      |                | Contents of area       |
|------------------------------------------------------|-------------------------------|------|------|----------------|------------------------|
|                                                      | No.                           | L.   | B.   | D.             |                        |
| ① Supply & fitting of reinforcement in concrete slab |                               |      |      |                |                        |
| 8mm Ø:-                                              | 2x10                          | 7.24 | 0.70 | 33             | 57.72 kg               |
|                                                      | 2x10                          | 7.24 | 0.70 | 33             | 25.27 "                |
|                                                      |                               |      |      |                | = 83.39 kg             |
| ② P/L PCC in subgrade                                |                               |      |      |                |                        |
| top:-                                                | 2x3.75                        | 0.70 | 0.20 | 1.05           | m <sup>3</sup>         |
| sub:-                                                | 2x3.75                        | 0.70 | 0.20 | 0.67           | m <sup>3</sup>         |
| bottom:-                                             | 2x2.20                        | 0.40 | 0.15 | 0.26           | m <sup>3</sup>         |
|                                                      |                               |      |      |                | = 2.034 m <sup>3</sup> |
| ③ Bitumont painting over top surface                 |                               |      |      |                |                        |
|                                                      | 2x3.75                        | 0.70 | 5.25 | m <sup>2</sup> |                        |
|                                                      | 2x3.75                        | 0.24 | 1.80 | "              |                        |
|                                                      |                               |      |      |                | = 7.05 m <sup>2</sup>  |
| Swamini Kumar<br>6/2/24 6/2/24                       |                               |      |      |                |                        |
| Record Entry                                         |                               |      |      |                |                        |
| ① Supply, fitting & placing H.Y. S. D. Bar -         |                               |      |      |                |                        |
| Deck Slab:-                                          |                               |      |      |                |                        |
| 16mm Ø:-                                             | 51x                           | 2.20 | 1.58 | 177.27         | kg                     |
| 12mm Ø:-                                             | 12x                           | 7.50 | 0.89 | 80.10          | "                      |
| 12mm Ø:-                                             | 51x                           | 2.20 | 0.89 | 99.86          | "                      |
| 12mm Ø:-                                             | 12x                           | 7.50 | 0.89 | 80.10          | "                      |
|                                                      |                               |      |      |                | = 437.33 kg.           |

Continuation

| Particulars                                 | Details of actual measurement |   |   |    | Contents of area |
|---------------------------------------------|-------------------------------|---|---|----|------------------|
|                                             | No.                           | L | B | D. |                  |
| ② P/L Acc m/s in deck slabs                 |                               |   |   |    |                  |
| 1x 7.50x 2.28 x 0.24 = 4.104 m <sup>3</sup> |                               |   |   |    |                  |
| ③ Pr. filling joint sealing compound.       |                               |   |   |    |                  |
| 1x 7.50 = 7.50 m                            |                               |   |   |    |                  |
| <i>Sum</i>                                  |                               |   |   |    |                  |
| <i>10/2/24</i>                              |                               |   |   |    |                  |
| <i>10/2/24</i>                              |                               |   |   |    |                  |
| Recor Entry                                 |                               |   |   |    |                  |
| ① Brick Masonry (1:3) in parapet wall       |                               |   |   |    |                  |
| 2x 4.0x 0.40x 0.60 = 1.92 m <sup>3</sup>    |                               |   |   |    |                  |
| ② Pr. 15mm thick Cement Plaster (1:4)       |                               |   |   |    |                  |
| 2x 0.917 x 1.30 = 2.383 m <sup>2</sup>      |                               |   |   |    |                  |
| 1x 7.50 x 1.30 = 9.75 "                     |                               |   |   |    |                  |
| 4x 0.665 x 1.59 = 4.229 "                   |                               |   |   |    |                  |
| 4x 2.084 x 1.30 = 10.834 "                  |                               |   |   |    |                  |
| 4x 2.30x 0.29 = 2.668 "                     |                               |   |   |    |                  |
| 2x 8.0x 0.60 = 9.60 "                       |                               |   |   |    |                  |
| 1x 8.0x 0.40 = 3.20 "                       |                               |   |   |    |                  |
| 2x 0.40 x 0.60 = 0.48 "                     |                               |   |   |    |                  |
| = 43.145 m <sup>2</sup>                     |                               |   |   |    |                  |
| ③ Pr. 15mm Cement Punning                   |                               |   |   |    |                  |
| 2x 2x 4.0 x 0.60 = 9.60 "                   |                               |   |   |    |                  |
| 2x 4.0 x 0.40 = 3.20 "                      |                               |   |   |    |                  |
| 2x 0.40 x 0.60 = 0.48 "                     |                               |   |   |    |                  |
| = 13.28 m <sup>2</sup>                      |                               |   |   |    |                  |

Continuation

| Particulars                                                                                                                                                                                                                                                              | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                                                                                                                                                                                                          | No.                           | L. | B. | D. |                  |
| ① Rect. Weep hole<br>$2 \times 6 + 4 \times 4 = 28$ m <sup>2</sup>                                                                                                                                                                                                       |                               |    |    |    |                  |
| Sirianah<br>15/2/24                                                                                                                                                                                                                                                      |                               |    |    |    |                  |
| Kumar<br>7/9/24                                                                                                                                                                                                                                                          |                               |    |    |    |                  |
| Recd Entry                                                                                                                                                                                                                                                               |                               |    |    |    |                  |
| ② Setting out pillars<br>$= 0.502$ km                                                                                                                                                                                                                                    |                               |    |    |    |                  |
| ③ clearing & grubbing Road land.<br>$1 \times (30.0 + 23.0) \times 3.50 = 185.50$ m <sup>2</sup><br>$1 \times (30.0 + 26.0) \times 3.50 = 156.10$ "<br>$= 1746.50$ m <sup>2</sup> = 0.175 Ha.                                                                            |                               |    |    |    |                  |
| ④ Excavation of soil for road work<br>$2 \times (30.0 + 23.0) \times 0.525 \times 0.10 = 5.56$ m <sup>3</sup><br>$2 \times (4 \times 30.0 + 19.0) \times 0.525 \times 0.10 = 14.60$ "<br>$= 20.16$ m <sup>3</sup>                                                        |                               |    |    |    |                  |
| ⑤ Excav. of Roadway by manual means.<br>Qty. Same as ④. NO. (3) = 20.16 m <sup>3</sup>                                                                                                                                                                                   |                               |    |    |    |                  |
| ⑥ Construction of embankment with roadway cutts.<br>Qty. = 60 x 9. NO. (3) = 12.10 m <sup>3</sup>                                                                                                                                                                        |                               |    |    |    |                  |
| ⑦ Constg of embankment with log pile.<br>$2 \times 4 \times 30.0 \times 1.05 \times 0.70 = 176.40$ m <sup>3</sup><br>$2 \times 4 \times 30.0 \times 0.90 \times 0.70 = 129.60$ "<br>$2 \times 1 \times 25.0 \times 1.0 \times 0.70 = 35.0$ "<br>$= 341.0$ m <sup>3</sup> |                               |    |    |    |                  |

Continuation

## Sch. XLV-Form No. 134

| Particulars                                          | Details of actual measurement |        |          |      | Contents of area |
|------------------------------------------------------|-------------------------------|--------|----------|------|------------------|
|                                                      | No.                           | L.     | B.       | D.   |                  |
| Record Entry                                         |                               |        |          |      |                  |
| Conn <sup>n</sup> of subgrade & curb & kerb shoulder |                               |        |          |      |                  |
| 10 x 30.0                                            | x 5.25                        | x 0.30 | = 47     | 2.50 | m <sup>3</sup>   |
| 1 x 7.0                                              | x 5.25                        | x 0.30 | = 11     | 0.30 |                  |
|                                                      |                               |        | = 483    | 53   | m <sup>3</sup>   |
| Signature 25/2/24                                    |                               |        |          |      |                  |
| Record Entry                                         |                               |        |          |      |                  |
| Conn <sup>n</sup> of G.S. B. G & T                   |                               |        |          |      |                  |
| File correction:-                                    |                               |        |          |      |                  |
| 4 x 1.50                                             | x 1.50                        | x 0.10 | = 0.9    |      | m <sup>3</sup>   |
| 6 x 2.80                                             | x 1.90                        | x 0.10 | = 3.18   |      | "                |
| 2 x (30.0 + 23.0)                                    | x 0.525                       | x 0.10 | = 5.56   |      | "                |
| 2 x (4 x 30.0 + 19.0)                                | x 0.525                       | x 0.10 | = 14.60  |      | "                |
| Full width                                           |                               |        |          |      |                  |
| 1 x (30.0 + 23.0)                                    | x 3.75                        | x 0.10 | = 19.88  |      | "                |
| 1 x (4 x 30.0 + 19.0)                                | x 3.75                        | x 0.10 | = 52.13  |      | "                |
| Earthwork                                            |                               |        |          |      |                  |
| Portion - (10 x 30.0)                                | x 3.75                        | x 0.20 | = 225.0  |      | "                |
| 1 x 7.0                                              | x 3.75                        | x 0.20 | = 5.25   |      | "                |
|                                                      |                               |        | = 326.51 |      | m <sup>3</sup>   |
| Signature 10/3/24                                    |                               |        |          |      |                  |
| Record Entry                                         |                               |        |          |      |                  |

[illegible]

| Particulars                                             | Details of actual measurement |        |    |                | Contents of area |
|---------------------------------------------------------|-------------------------------|--------|----|----------------|------------------|
|                                                         | No.                           | L.     | B. | D.             |                  |
|                                                         |                               |        |    | BIP-6          | 33088.0          |
| 1. <u>Constrg of side high curb</u>                     |                               |        |    |                |                  |
| Qty. wide TM BIP-6 =                                    |                               | 20.16  |    | m <sup>3</sup> |                  |
| @ 103.96 per m <sup>3</sup>                             |                               |        |    |                | 2096.0           |
| 2. <u>Constrg of embankment with loose soil</u>         |                               |        |    |                |                  |
| Qty. wide TM BIP-6 =                                    |                               | 341.0  |    | m <sup>3</sup> |                  |
| @ 140.15 per m <sup>3</sup>                             |                               |        |    |                | 47791.0          |
| 3. <u>Constrg of subgrade &amp; center shoulder</u>     |                               |        |    |                |                  |
| Qty. wide TM BIP-7 =                                    |                               | 483.53 |    | m <sup>3</sup> |                  |
| @ 222.50 per m <sup>3</sup>                             |                               |        |    |                | 107585.0         |
| 4. <u>Constrg of G.S.B. Grt</u>                         |                               |        |    |                |                  |
| Qty. wide TM BIP-7 =                                    |                               | 26.51  |    | m <sup>3</sup> |                  |
| @ 4263.68 per m <sup>3</sup>                            |                               |        |    |                | 1392134.0        |
| 5. <u>P.L. Spreading W.B.M. Grt</u>                     |                               |        |    |                |                  |
| Qty. wide TM BIP-8 =                                    |                               | 140.34 |    | m <sup>3</sup> |                  |
| @ 5630.20 per m <sup>3</sup>                            |                               |        |    |                | 798563.0         |
| 6. <u>Earthwork in excavation for found<sup>n</sup></u> |                               |        |    |                |                  |
| Qty. wide TM BIP-1 =                                    |                               | 9.798  |    | m <sup>3</sup> |                  |
| @ 427.09 per m <sup>3</sup>                             |                               |        |    |                | 12726.0          |
| 7. <u>P.L. Premis in levelling cover</u>                |                               |        |    |                |                  |
| Qty. wide TM BIP-1 =                                    |                               | 4.595  |    | m <sup>3</sup> |                  |
| @ 8176.13 per m <sup>3</sup>                            |                               |        |    |                | 37569.0          |
| 8. <u>P.C. P.C. 1A cm 2 in substructure</u>             |                               |        |    |                |                  |
| Qty. wide TM BIP-2 =                                    |                               | 35.40  |    | m <sup>3</sup> |                  |
| @ 9434.4 per m <sup>3</sup>                             |                               |        |    |                | 334064.0         |

Continuation

2765616.0

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Sch. XLV-Form No. 134

| Particulars                              | Details of actual measurement |                              |        |        | Contents of area |
|------------------------------------------|-------------------------------|------------------------------|--------|--------|------------------|
|                                          | No.                           | L.                           | B.     | D.     |                  |
| 13                                       |                               |                              |        | 818.2  | 755516.0         |
| 25 PIL RCONF                             | 3                             | 1000 mm                      | 114 mm | 114 mm |                  |
| Qty. vide TM BIP-                        | 2                             | 7.50 m                       |        |        |                  |
|                                          |                               | @ 7295.33 per m              |        |        | 54715.0          |
| 26 Painting on parapet wall              |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 2                             | 20.48 m <sup>2</sup>         |        |        |                  |
|                                          |                               | @ 136.22 per m <sup>2</sup>  |        |        | 2790.0           |
| 7. Earthwork in excavation for structure |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 2                             | 48.707 m <sup>3</sup>        |        |        |                  |
|                                          |                               | @ 427.09 per m <sup>3</sup>  |        |        | 20802.0          |
| 8. Sand filling in foundation trenches   |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 3                             | 1.254 m <sup>3</sup>         |        |        |                  |
|                                          |                               | @ 565.68 per m <sup>3</sup>  |        |        | 709.0            |
| 29 PIL PCC                               |                               |                              |        |        |                  |
| Mis in levelling course                  |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 3                             | 7.251 m <sup>3</sup>         |        |        |                  |
|                                          |                               | @ 8176.13 per m <sup>3</sup> |        |        | 59285.7          |
| 30. Brick masonry (1:4) in foundation    |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 3                             | 26.05 m <sup>3</sup>         |        |        |                  |
|                                          |                               | @ 7343.33 per m <sup>3</sup> |        |        | 191294.0         |
| 31. Brick masonry (1:4) in substructure  |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 3                             | 13.13 m <sup>3</sup>         |        |        |                  |
|                                          |                               | @ 7690.41 per m <sup>3</sup> |        |        | 100983.0         |
| 32 PIL PCC (RCC M20) in substructure     |                               |                              |        |        |                  |
| Qty. vide TM BIP-                        | 4                             | 2.034 m <sup>3</sup>         |        |        |                  |
|                                          |                               | @ 9434.44 per m <sup>3</sup> |        |        | 19190.0          |
| Continuation                             |                               |                              |        |        | 3215384.0        |

[illegible]

## Sch. XLV-Form No. 134

| Particulars                 | Details of actual measurement |        |     |    | Contents of area |
|-----------------------------|-------------------------------|--------|-----|----|------------------|
|                             | No.                           | L.     | B.  | D. |                  |
|                             |                               |        | B/F | 2B | 342750.0         |
| 0. R. Brick masonry in wall |                               |        |     |    |                  |
| Side TM                     | B/P-                          | 6228.0 | 0.0 |    |                  |
|                             |                               | 236.04 |     | 2B | 6609.0           |
|                             |                               |        |     | 2B | 3349359.0        |
| Add                         | 1st                           | L.C.   |     | 2B | 33494.0          |
| Add                         | 181.                          | GST    |     | 2B | 602885.0         |
| Add                         | 107.                          | S.F.   |     | 2B | 34393.0          |
|                             |                               |        |     | 2B | 4020131.0        |
| Less 1.11% Below            |                               |        |     | 2B | 44623.0          |
|                             |                               |        |     | 2B | 3975508.0        |

Shri  
12/4/24

Sumit  
12/4/24  
1.2

C.F.D  
29/04/20

Consd. of road & CD works with responsibility for R.O.D. road/Drainage  
to Kaniola Thakla under (massy) NDD (Mysak) Thakla  
**Schedule XLV-Form No. 134**

*Executive Engineer*

*R.W.D. Works Division*

*Stenarthi*

**DIVISION**

**SUB-DIVISION**

**MEASUREMENT BOOK**

3862

Name of Work—  
 Situation of Work—  
 Agency by which work is executed—  
 Date of Measurement—  
 No. and Date of agreement

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

| Particulars                                                                                   | Details of actual measurement |      |         |      | Contents of area |
|-----------------------------------------------------------------------------------------------|-------------------------------|------|---------|------|------------------|
|                                                                                               | No.                           | L    | B       | D    |                  |
|                                                                                               | 1                             | on   | 10      | Bill |                  |
| N/W:- Construction of Road with maintenance for<br>R.C.D. Road Dharm Tal to Kauri Tal Shapda. |                               |      |         |      |                  |
| Ag. No:-                                                                                      | S.B.N.                        | S.R/ | 2023-24 |      |                  |
| Agency:-                                                                                      | Mangrai                       |      |         |      |                  |
| D.O.S:-                                                                                       | 30.12.023                     |      |         |      |                  |
| D.O.C:-                                                                                       | 29.12.024                     |      |         |      |                  |

| Record entry/ measurement                                            |  |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|
| 1) PIF working Bench mark<br>= 0.65 km.                              |  |  |  |  |  |
| 2) clearing & grubbing Road Land.                                    |  |  |  |  |  |
| $21 \times 30.0 \times 3.50 = 2205.0 \text{ m}^2$                    |  |  |  |  |  |
| $1 \times 20.0 \times 3.50 = 70.0 "$                                 |  |  |  |  |  |
| $= 2275.0 \text{ m}^2 = 0.23 \text{ Ha.}$                            |  |  |  |  |  |
| 3) Excavating Soil by using manual means.                            |  |  |  |  |  |
| $2 \times (30.0 + 20.0) \times 0.525 \times 0.10 = 5.25 \text{ m}^3$ |  |  |  |  |  |
| 4) Constr'g embankment from Road by cutting                          |  |  |  |  |  |
| $Qty. = 60\% \text{ of } 9.10 \times (3) = 3.15 \text{ m}^3$         |  |  |  |  |  |
| 5) Excavating Soil by hydraulic excavator                            |  |  |  |  |  |
| $Qty. \text{ Same as } 3.15 \times (3) = 5.25 \text{ m}^3$           |  |  |  |  |  |
| 6) Constr'g embankment with local soil                               |  |  |  |  |  |

Continuation

5000. 21.11.1950. 10.11.1950.

| Particulars                      | Capacity of various types of equipment |    |    |    | Quantity of earth |
|----------------------------------|----------------------------------------|----|----|----|-------------------|
|                                  | 1m                                     | 2m | 3m | 4m |                   |
| 1. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 2. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 3. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 4. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 5. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 6. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 7. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 8. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 9. 3000 mm x 1500 mm x 1500 mm   |                                        |    |    |    |                   |
| 10. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 11. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 12. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 13. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 14. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 15. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 16. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 17. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 18. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 19. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 20. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 21. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 22. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 23. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 24. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 25. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 26. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 27. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 28. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 29. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 30. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 31. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 32. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 33. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 34. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 35. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 36. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 37. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 38. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 39. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 40. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 41. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 42. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 43. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 44. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 45. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 46. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 47. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 48. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 49. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 50. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 51. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 52. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 53. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 54. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 55. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 56. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 57. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 58. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 59. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 60. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 61. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 62. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 63. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 64. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 65. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 66. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 67. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 68. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 69. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 70. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 71. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 72. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 73. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 74. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 75. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 76. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 77. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 78. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 79. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 80. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 81. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 82. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 83. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 84. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 85. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 86. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 87. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 88. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 89. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 90. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 91. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 92. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 93. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 94. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 95. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 96. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 97. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 98. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 99. 3000 mm x 1500 mm x 1500 mm  |                                        |    |    |    |                   |
| 100. 3000 mm x 1500 mm x 1500 mm |                                        |    |    |    |                   |

## Sch. XLV-Form No. 134

| Particulars      | Details of actual measurement |       |          |     | Contents of area       |
|------------------|-------------------------------|-------|----------|-----|------------------------|
|                  | No.                           | L.    | B.       | D.  |                        |
| X(30.0+19.0)Y    | 3.75                          | 12.14 | 3.2+3.75 | 1.5 | 225.31 M <sup>3</sup>  |
| X(30.0+18.0)Y    | 3.75                          | 10.20 | 3.2+3.75 | 1.5 | 211.00                 |
| X(20.0+13.0)Y    | 3.75                          | 13.20 | 3.2+3.75 | 1.5 | 212.51 M <sup>3</sup>  |
|                  |                               |       |          |     | 246.245 M <sup>3</sup> |
| S. S. S. S. S.   |                               |       |          |     |                        |
| 10/4/24          |                               |       |          |     |                        |
| 10/4/24          |                               |       |          |     |                        |
| 1.7              |                               |       |          |     |                        |
| Abstract of Cont |                               |       |          |     |                        |

|                 |                                                     |  |  |  |            |
|-----------------|-----------------------------------------------------|--|--|--|------------|
| 1.              | PIF working bench mark                              |  |  |  |            |
| Qty. vide TMBIP | 1 = 0.65 km                                         |  |  |  |            |
|                 | @ Rs 43821.02 per km                                |  |  |  | Rs 28484.0 |
| 2.              | clearing shrubbing flood land.                      |  |  |  |            |
| Qty. vide TMBIP | 1 = 0.23 Ha.                                        |  |  |  |            |
|                 | @ Rs 75573.34 per Ha.                               |  |  |  | Rs 17382.0 |
| 3.              | Excavation of soil by using Manual men              |  |  |  |            |
| Qty. vide TMBIP | 1 = 5.25 M <sup>3</sup>                             |  |  |  |            |
|                 | @ Rs 186.85 per M <sup>3</sup>                      |  |  |  | Rs 981.0   |
| 4.              | Conn <sup>n</sup> of embankment by roads by cutting |  |  |  |            |
| Qty. vide TMBIP | 4 = 3.15 M <sup>3</sup>                             |  |  |  |            |
|                 | @ Rs 61.52 per M <sup>3</sup>                       |  |  |  | Rs 194.0   |
| 5.              | Excavation of soil by hydraulic excavator           |  |  |  |            |
| Qty. vide TMBIP | 1 = 5.25 M <sup>3</sup>                             |  |  |  |            |
|                 | @ Rs 103.96 per M <sup>3</sup>                      |  |  |  | Rs 546.0   |

Continuation

Rs 47587.0

