

M.B.No - 392/2020-21

# Schedule XLV-Form No. 134

२०७१/२२१ DB २/१५ < २१५१२५२  
MR. NMP

Arrej DIVISION

Arrej SUB-DIVISION

५२११२५२ २०

## MEASUREMENT BOOK

५२११२५२ २० ३४०

17.13.110-392/2020-21

Sch. XLV—Form No. 134

प्रमाणित किया जाता है कि इस  
मापीयान में 1 से 100 तक केवल  
100 प्रण है एवं श्री महेंद्र  
कुमार, 170 310 को निम्न  
किया जाता है

DIVISION  
SUB-DIVISION

EXECUTIVE ENGINEER  
F.V.D. (W.D.)  
APR 11

# Measurement Book

No.

Name of Officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

Name to 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. |                  |
| <u>Est. on A/C Bill</u>                   |                               |    |    |    |                  |
| <u>Name of contractor: Khajriya D. B.</u> |                               |    |    |    |                  |
| <u>Road to Damodarpur Road.</u>           |                               |    |    |    |                  |
| <u>Head: M/R 3054 / Anwaraj</u>           |                               |    |    |    |                  |
| <u>Agency: Daga Shukher Dubey</u>         |                               |    |    |    |                  |
| <u>Agg No: 43882/2020-2021</u>            |                               |    |    |    |                  |
| <u>Date of Agg: 14-2-2020</u>             |                               |    |    |    |                  |
| <u>Date of Completion: 13/5/21</u>        |                               |    |    |    |                  |
| <u>Agg. Cost: 177,90,624/-</u>            |                               |    |    |    |                  |
| <u>Date of Estimation:</u>                |                               |    |    |    |                  |

| <u>Measurement</u>               |      |        |   |   |                                 |
|----------------------------------|------|--------|---|---|---------------------------------|
| <u>① Clearing &amp; grubbing</u> |      |        |   |   |                                 |
| <u>Road level etc. etc. etc.</u> |      |        |   |   |                                 |
| 2x33                             | 30.0 | 1+1.25 | - | = | 2227.50m <sup>2</sup>           |
| 2x4                              | 30.0 | 1.0    | - | = | 240.00                          |
|                                  |      |        |   |   | <u>Qty 2467.50m<sup>2</sup></u> |
|                                  |      |        |   |   | <u>= 0.25/Hect</u>              |

|                                 |      |   |   |   |                     |
|---------------------------------|------|---|---|---|---------------------|
| <u>② P/pe laying 300mm</u>      |      |   |   |   |                     |
| <u>Home Pipe for irrigation</u> |      |   |   |   |                     |
| <u>Level etc. etc. etc.</u>     |      |   |   |   |                     |
| 3x3                             | 2.50 | - | - | = | 22.50m              |
|                                 |      |   |   |   | <u>Qty = 22.50m</u> |

③ Construction of 600mm φ

Continuation

| Sch. XLV—Form No. 134                                        |                               |       |       |       | Contents of area                  |
|--------------------------------------------------------------|-------------------------------|-------|-------|-------|-----------------------------------|
| Particulars                                                  | Details of actual measurement |       |       |       |                                   |
|                                                              | No.                           | L.    | B.    | D.    |                                   |
| <u>Hume Pipe Culvert</u>                                     |                               |       |       |       |                                   |
| ③ E/W excavation in formation trenches etc. do do            |                               |       |       |       |                                   |
| at per 2 ft                                                  |                               |       |       |       |                                   |
| H.W                                                          | 2 x                           | 3.9   | 1.15  | 1.58  | = 13.455 m <sup>3</sup>           |
|                                                              | 1                             | 5.35  | 1.13  | 0.365 | = 2.207 m <sup>3</sup>            |
|                                                              |                               |       |       |       | <u>Qtr = 15.66 m<sup>3</sup></u>  |
| ④ P/W P.C.C.M <sub>20</sub> in open formation etc. do do     |                               |       |       |       |                                   |
| H/W                                                          | 2                             | 3.90  | 1.150 | 0.150 | = 1.345 m <sup>3</sup>            |
| Bedwork                                                      | 1                             | 5.31  | 1.13  | 0.25  | = 1.50 m <sup>3</sup>             |
| ⑤ L/S for 2 ft                                               |                               |       |       |       |                                   |
|                                                              | 2                             | 0.785 | 0.83  | 0.53  | = 0.574 m <sup>3</sup>            |
|                                                              |                               |       |       |       | <u>Qtr = 1.148 m<sup>3</sup></u>  |
| ⑥ P/W Lining V.P. Hume Pipe 6" diam single vent etc. do do   |                               |       |       |       |                                   |
|                                                              | 3                             | 2.50  | -     | -     | = 7.50 m <sup>3</sup>             |
|                                                              |                               |       |       |       | <u>Qtr = 7.50 m<sup>3</sup></u>   |
| ⑦ Brickwork in cm (1:4) in head wall as per 2 ft etc. B.I.E. |                               |       |       |       |                                   |
| H.W                                                          | 2                             | 3.60  | 0.70  | 2.118 | = 10.982 m <sup>3</sup>           |
|                                                              | 2                             | 3.60  | 0.40  | 1.20  | = 3.456 m <sup>3</sup>            |
|                                                              |                               |       |       |       | <u>Qtr = 14.438 m<sup>3</sup></u> |

Continuation

Continuation

Sch. XLV—Form No. 134

| Particulars | Details of actual measurement |    |    |    | Contents of area |
|-------------|-------------------------------|----|----|----|------------------|
|             | No.                           | L. | B. | D. |                  |

|                  |  |                                             |  |  |                               |
|------------------|--|---------------------------------------------|--|--|-------------------------------|
|                  |  |                                             |  |  | $0.108 \times 2 = 14.443 m^3$ |
| less for opening |  | $1.2 \times 0.75 \times 0.83 \times 0.5305$ |  |  | $= 0.574$                     |
|                  |  | $0.25 \times 0.7854 \times 0.93$            |  |  | $= 0.791 m^3$                 |
|                  |  |                                             |  |  | $Net Q/R = 13.87 m^3$         |

(6) Plastering with cement mortar (1:4) on building in general structure etc etc

|         |   |      |      |   |                 |
|---------|---|------|------|---|-----------------|
| 4 sides | 2 | 3.60 | 2.38 | — | $= 4724.33 m^2$ |
|         | 2 | 3.60 | 0.60 | — | $= 4.32 //$     |
|         | 2 | 3.60 | 0.40 | — | $= 2.88 //$     |
|         | 4 | 0.70 | 2.18 | — | $= 6.104 //$    |

|  |   |       |        |   |                       |
|--|---|-------|--------|---|-----------------------|
|  | 4 | 0.40  | 1.20   | — | $= 1.92 //$           |
|  | 2 | 0.787 | (0.83) | — | $= 1.083 //$          |
|  |   |       |        |   | $Net Q/R = 38.48 m^2$ |

(7) Painting on Parapet wall  
etc etc etc

|     |   |      |      |   |                   |
|-----|---|------|------|---|-------------------|
| Top | 2 | 3.60 | 0.40 | — | $= 2.88 m^2$      |
|     | 4 | 3.60 | 0.60 | — | $= 8.64 //$       |
|     | 4 | 0.40 | 0.60 | — | $= 0.96 //$       |
|     |   |      |      |   | $Q/R = 12.48 m^2$ |

(8) S/F 15 of the building M.R. entry  
masonry, signboard etc etc etc  
all complete — Sol  $Q/R = 05 Nos$

20/01/24  
A.R.

Sch. XLV—Form No. 134

| Sch. XLV - Form No. 134                                                   |                               |      |      |       | Contents of area       |
|---------------------------------------------------------------------------|-------------------------------|------|------|-------|------------------------|
| Particulars                                                               | Details of actual measurement |      |      |       |                        |
|                                                                           | No.                           | L.   | B.   | D.    |                        |
| <u>Further measurement</u>                                                |                               |      |      |       |                        |
| ① Construction of granular sub base by spreading well graded material etc |                               |      |      |       |                        |
| do - do - all complete 16                                                 |                               |      |      |       |                        |
|                                                                           | 5                             | 1.40 | 0.90 | 0.15  | = 0.945 m <sup>2</sup> |
|                                                                           | 10                            | 1.30 | 0.75 | 0.175 | = 1.706 "              |
|                                                                           | 10                            | 1.80 | 1.10 | 0.175 | = 3.46 "               |
|                                                                           | 20                            | 1.75 | 1.15 | 0.175 | = 7.06 "               |
|                                                                           | 10                            | 2.10 | 1.20 | 0.15  | = 3.78 "               |
|                                                                           | 1                             | 4.0  | 1.25 | 0.80  | = 0.80 "               |
|                                                                           | 4                             | 3.50 | 1.20 | 0.175 | = 2.94 "               |
|                                                                           | 5                             | 2.50 | 1.20 | 0.150 | = 2.25 "               |
|                                                                           | 20                            | 1.10 | 0.90 | 0.175 | = 3.465 "              |
|                                                                           | 2x5                           | 8.0  | 0.75 | 0.175 | = 10.50 "              |
|                                                                           | 2x10                          | 5.0  | 0.90 | 0.15  | = 13.50 -              |
|                                                                           | 9                             | 1.20 | 1.0  | 0.150 | = 1.62 "               |
|                                                                           | 8                             | 1.40 | 1.20 | 0.175 | = 2.35 "               |
|                                                                           | 5                             | 1.55 | 1.0  | 0.15  | = 1.16 "               |
|                                                                           | 4                             | 1.50 | 0.75 | 0.175 | = 0.787 "              |
|                                                                           | 6                             | 1.60 | 0.90 | 0.150 | = 1.29 "               |
|                                                                           | 15                            | 1.90 | 0.75 | 0.175 | = 1.246 "              |
|                                                                           | 6                             | 1.45 | 0.80 | 0.15  | = 1.044 "              |
|                                                                           | 7                             | 1.50 | 0.90 | 0.175 | = 1.65 "               |
|                                                                           | 5                             | 1.40 | 0.90 | 0.15  | = 0.945                |
|                                                                           | 6                             | 2.20 | 1.0  | 0.175 | = 2.31                 |

Continuation C: 0.08 = 64.79 m<sup>3</sup>

Sch. XLV - Form No. 134

| Particulars | Details of actual measurement |      |      |       | Contents of area                    |
|-------------|-------------------------------|------|------|-------|-------------------------------------|
|             | No.                           | L.   | B.   | D.    |                                     |
|             |                               |      |      |       | $\text{Q/A Qk} = 64.79 \text{ M}^3$ |
|             | 8                             | 1.20 | 0.90 | 0.15  | $= 1.70 //$                         |
|             | 5                             | 1.30 | 0.75 | 0.175 | $= 0.85 //$                         |
|             | 4                             | 1.40 | 1.10 | 0.15  | $= 0.924 //$                        |
|             | 6                             | 1.25 | 1.20 | 0.175 | $= 1.575 //$                        |
|             | 5                             | 1.50 | 0.75 | 0.150 | $= 0.84 //$                         |
|             | 4                             | 1.30 | 1.10 | 0.150 | $= 0.858 //$                        |
|             | 3                             | 3.80 | 0.90 | 0.15  | $= 1.539 //$                        |
|             |                               |      |      |       | $\text{Q/K} = 72.676 \text{ M}^3$   |
|             |                               |      |      |       |                                     |
|             |                               |      |      |       |                                     |
|             |                               |      |      |       |                                     |
|             |                               |      |      |       |                                     |
|             |                               |      |      |       |                                     |

|                                        |     |      |      |       |                      |
|----------------------------------------|-----|------|------|-------|----------------------|
| ② <del>Provisioning &amp; Laying</del> |     |      |      |       |                      |
| <del>Spraching WBM/RT</del>            |     |      |      |       |                      |
| <del>Stone Metal (containing)</del>    |     |      |      |       |                      |
| <del>etc do do all etc</del>           |     |      |      |       |                      |
|                                        | 5   | 1.50 | 1.0  | 0.075 | $= 0.56 \text{ M}^3$ |
|                                        | 10  | 1.35 | 0.80 | 0.075 | $= 0.81 //$          |
|                                        | 10  | 2.10 | 1.20 | 0.075 | $= 1.80 //$          |
|                                        | 20  | 2.0  | 1.30 | 0.075 | $= 3.90 //$          |
|                                        | 10  | 2.25 | 1.25 | 0.075 | $= 2.11 //$          |
|                                        | 4   | 4.50 | 1.30 | 0.075 | $= 1.75 //$          |
|                                        | 5   | 7.60 | 1.50 | 0.075 | $= 2.025 //$         |
|                                        | 5   | 2.60 | 1.25 | 0.075 | $= 1.21 //$          |
|                                        | 20  | 1.15 | 0.90 | 0.075 | $= 1.55 //$          |
|                                        | 2x5 | 8.10 | 0.90 | 0.075 | $= 5.40$             |

Continuation C.O. 21.12 M<sup>3</sup>

| Particulars | Details of actual measurement |      |      |       | Contents of area    |
|-------------|-------------------------------|------|------|-------|---------------------|
|             | No.                           | L.   | B.   | D.    |                     |
|             | 2x11                          | 5.0  | 1.0  | 0.075 | 7.50m <sup>3</sup>  |
|             | 9                             | 1.70 | 1.10 | 0.075 | 0.961               |
|             | 8                             | 1.50 | 1.25 | 0.075 | 1.121               |
|             | 5                             | 1.65 | 1.10 | 0.075 | 0.681               |
|             | 4                             | 1.50 | 0.90 | 0.075 | 0.4051              |
|             | 6                             | 1.75 | 0.90 | 0.075 | 0.7081              |
|             | 7                             | 1.60 | 1.0  | 0.075 | 0.841               |
|             | 5                             | 1.50 | 0.90 | 0.075 | 0.5061              |
|             | 6                             | 2.25 | 1.10 | 0.075 | 1.111               |
|             | 8                             | 1.50 | 1.10 | 0.075 | 0.821               |
|             | 5                             | 1.35 | 0.90 | 0.075 | 0.461               |
|             | 4                             | 1.50 | 1.15 | 0.075 | 0.517               |
|             | 6                             | 1.25 | 1.10 | 0.075 | 0.6181              |
|             | 5                             | 1.60 | 0.90 | 0.075 | 0.541               |
|             | 4                             | 1.40 | 1.20 | 0.075 | 0.5041              |
|             | 3                             | 4.0  | 1.10 | 0.075 | 0.991               |
|             | 7                             | 2.15 | 1.0  | 0.075 | 1.131               |
|             | 8                             | 2.10 | 1.10 | 0.075 | 1.381               |
|             | 7                             | 1.80 | 1.15 | 0.075 | 1.086               |
|             | 10                            | 1.50 | 0.90 | 0.075 | 1.011               |
|             | 2                             | 3.50 | 1.25 | 0.075 | 0.6561              |
|             | 1                             | 4.0  | 1.50 | 0.075 | 0.451               |
|             |                               |      |      |       | 45.00m <sup>3</sup> |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |
|             |                               |      |      |       |                     |

Continuation

| Particulars                                                                                     | Details of actual measurement |      |       |           | Contents of area      |
|-------------------------------------------------------------------------------------------------|-------------------------------|------|-------|-----------|-----------------------|
|                                                                                                 | No.                           | L.   | B.    | D.        |                       |
| ① Presumably existing<br>spreading work<br>stone masonry canalization<br>etc do do all complete |                               |      |       |           |                       |
|                                                                                                 | 10                            | 2.10 | 1.15  | 0.075     | = 1.81 m <sup>3</sup> |
|                                                                                                 | 10                            | 2.0  | 1.40  | 0.075     | = 2.10 m <sup>3</sup> |
| 2x10                                                                                            | 7.0                           | 0.60 | 0.075 | = 6.30 "  |                       |
| 2x5                                                                                             | 5.0                           | 0.75 | 0.075 | = 2.815 " |                       |
| 20                                                                                              | 2.25                          | 1.35 | 0.075 | = 4.56 "  |                       |
| 10                                                                                              | 2.40                          | 1.30 | 0.075 | = 2.34 "  |                       |
| 4                                                                                               | 5.0                           | 1.40 | 0.075 | = 2.10 "  |                       |
| 5                                                                                               | 2.75                          | 1.60 | 0.075 | = 2.25 "  |                       |
| 5                                                                                               | 2.75                          | 1.50 | 0.075 | = 1.55 "  |                       |
|                                                                                                 |                               |      |       |           |                       |
|                                                                                                 | 20                            | 1.45 | 1.0   | 0.075     | = 2.175 "             |
|                                                                                                 | 2x5                           | 9.0  | 1.0   | 0.075     | = 6.75 "              |
|                                                                                                 | 2x10                          | 5.0  | 0.80  | 0.075     | = 6.00 "              |
|                                                                                                 | 9                             | 2.0  | 1.20  | 0.075     | = 1.62 "              |
|                                                                                                 | 8                             | 1.50 | 1.30  | 0.075     | = 1.17 "              |
|                                                                                                 | 5                             | 1.75 | 1.20  | 0.075     | = 0.787 "             |
|                                                                                                 | 4                             | 1.70 | 1.10  | 0.075     | = 0.561 "             |
|                                                                                                 | 6                             | 1.80 | 1.0   | 0.075     | = 0.81 "              |
|                                                                                                 | 7                             | 1.80 | 1.10  | 0.075     | = 1.039 "             |
|                                                                                                 | 5                             | 1.80 | 1.10  | 0.075     | = 0.74 "              |
|                                                                                                 | 6                             | 1.25 | 0.90  | 0.075     | = 0.506 "             |
|                                                                                                 | 1                             | 4.80 | 1.25  | 0.075     | = 0.45 "              |
|                                                                                                 | 1                             | 4.10 | 1.80  | 0.075     | = 0.55 "              |
|                                                                                                 | 1                             | 3.10 | 1.10  | 0.075     | = 0.256 "             |

Continuation

60.49.24 m<sup>3</sup>

016019 = 49.24 M<sup>3</sup>

| Particulars | Details of actual measurement |        |        |       | Contents of area      |
|-------------|-------------------------------|--------|--------|-------|-----------------------|
|             | No.                           | L.     | B.     | D.    |                       |
|             | 5                             | 1.35   | 0.85   | 0.075 | = 0.43 M <sup>3</sup> |
|             | 6                             | 1.25   | 0.60   | 0.075 | = 0.34 "              |
|             | 7                             | 1.75   | 0.85   | 0.075 | = 0.781 "             |
|             | 5                             | 1.95   | 1.20   | 0.075 | = 0.83 "              |
|             | 9                             | 1.95   | 1.05   | 0.075 | = 1.38 "              |
|             | 8                             | 1.80   | 1.10   | 0.075 | = 1.18 "              |
|             | 10                            | 1.85   | 0.90   | 0.075 | = 1.25 "              |
|             | 6                             | 1.75   | 0.90   | 0.075 | = 0.708 "             |
|             | 5                             | 1.85   | 1.20   | 0.075 | = 0.83 "              |
|             | 4                             | 2.10   | 1.10   | 0.075 | = 0.693 "             |
|             | 6                             | 2.10   | 0.75   | 0.075 | = 0.708 "             |
|             | 5                             | 2.20   | 1.10   | 0.075 | = 0.907 "             |
|             | 6                             | 1.50   | 0.75   | 0.075 | = 0.506               |
|             | 7                             | 2.25   | 1.10   | 0.075 | = 1.30 "              |
|             | 8                             | 2.20   | 1.10   | 0.075 | = 1.45 "              |
|             | 7                             | 2.0    | 1.20   | 0.075 | = 1.26 "              |
|             | 2x5                           | 7.0    | 0.75   | 0.075 | = 3.93 "              |
|             | 1                             | 4.80   | 1.10   | 0.075 | = 0.796 "             |
|             | 1                             | 4.80   | 0.90   | 0.075 | = 0.324 "             |
|             | 1                             | 7.50   | 2.70   | 0.075 | = 1.52 "              |
|             | 1                             | 3.80   | 1.20   | 0.075 | = 0.342 "             |
|             | 1                             | 7.0    | 1.80   | 0.075 | = 0.945 "             |
|             | 1                             | 5.0    | 2.20   | 0.075 | = 0.825 "             |
|             | 10                            | 2.10   | 0.90   | 0.075 | = 1.42 "              |
|             | 20                            | 1.50   | 1.10   | 0.075 | = 2.147 "             |
|             | 1                             | 2.2550 | 2.4000 | 0.075 | = 1.537 "             |
|             | 1                             | 3.10   | 1.20   | 0.075 | = 0.279 "             |

Continuation 01 76.56 M<sup>3</sup>

18.04.21  
A.D. 18/4/21  
J.B.