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आगत पृथु र्द  
शान्ता प्र  
Shedule XLV Form No. 134.

Executive Engineer R.W.D. Works DIVISION  
Dadnagar

Assistant Engineer R.W.D. Works SUB-DIVISION  
Dadnagar

Measurement Book

641

21/2/25 → Sri Shalendra K. Singh

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

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

[illegible]

Continuation

| Particulars                                 | Details of actual measurement |   |   |               | Contents of area           |
|---------------------------------------------|-------------------------------|---|---|---------------|----------------------------|
|                                             | No.                           | L | B | D.            |                            |
| WATER DEMONSTRATION —                       |                               |   |   |               |                            |
| Setting out Pillars —                       |                               |   |   |               |                            |
| Benchmark Pillars —                         |                               |   |   |               | 2                          |
| Reference Pillars —                         |                               |   |   |               | 6                          |
| 2) clearing and Grubbing                    |                               |   |   |               |                            |
| Road Land                                   |                               |   |   |               |                            |
| $2 \times 1050' \times 3.50 =$              |                               |   |   | 11550'        |                            |
|                                             |                               |   |   | <u>11550'</u> |                            |
|                                             |                               |   |   |               | 1155<br>750<br><u>1155</u> |
| SURVE-3: Box cutting                        |                               |   |   |               | 268-                       |
| $2 \times 200' \times 0.375 \times 0.110 =$ |                               |   |   | 15.00         |                            |

4. Cost function of each  
sheet from raw material  
cutting

$$150.00 \times 0.35 \times 0.20 = 10.5$$

Limit ————— 9.000  
ran 3

| Size of<br>Sample | Fill<br>Area | Mean<br>Area | Dist<br>ance | Fill<br>Volume |
|-------------------|--------------|--------------|--------------|----------------|
| 1 - 0             | 0.438        | —            | —            | —              |
| 2 - 50            | 1.215        | 0.827        | 50           | 41.325         |
| 3 - 100           | 0.294        | 0.756        | 50           | 37.775         |
| 4 - 150           | 0.580        | 0.728        | 50           | 21.400         |
| 5 - 200           | 1.541        | 1.051        | 50           | 52.525         |
| 6 - 250           | 1.124        | 1.333        | 50           | 66.625         |
| 7 - 300           | 0.975        | 1.050        | 50           | 52.475         |

Continuation

## Sch. XLV-Form. NO. 134

| Particulars | Details of actual measurement |          |     |   | Contents of area |
|-------------|-------------------------------|----------|-----|---|------------------|
|             | No.                           | L        | B   | D |                  |
| SPUR - CH   | R/H Area                      | H/A Area | 213 |   | Fill volume.     |
| 8 350       | 1.297                         | 1.036    | 50  |   | 51.800           |
| 9 400       | 0.890                         | 0.969    | 50  |   | 48.425           |
| 10 450      | 2.028                         | 1.434    | 50  |   | 71.700           |
| 11 500      | 0.934                         | 1.481    | 50  |   | 74.050           |
| 12 550      | 0.585                         | 0.760    | 50  |   | 37.975           |
| 13 600      | 0.160                         | 0.618    | 50  |   | 30.875           |
| 14 650      | 0.595                         | 0.623    | 50  |   | 31.125           |
| 15 700      | 0.750                         | 0.673    | 50  |   | 33.625           |
| 16 750      | 0.450                         | 0.600    | 50  |   | 30.000           |
| 17 800      | 0.845                         | 0.648    | 50  |   | 32.375           |
| 18 850      | 0.811                         | 0.828    | 50  |   | 41.400           |
| 19 900      | 1.468                         | 1.140    | 50  |   | 56.975           |
| 20 950      | 1.060                         | 1.234    | 50  |   | 61.700           |
| 21 1000     | 0.820                         | 0.910    | 50  |   | 45.500           |
| 22 1050     | 1.597                         | 1.269    | 50  |   | 60.425           |
| 23 1100     | 1.810                         | 1.704    | 50  |   | 85.175           |
| 24 1150     | 1.102                         | 1.456    | 50  |   | 72.800           |
| 25 1200     | 1.610                         | 1.356    | 50  |   | 67.800           |
| 26 1250     | 1.130                         | 1.370    | 50  |   | 68.500           |
| 27 1300     | 0.344                         | 0.737    | 50  |   | 36.850           |
| 28 1350     | 1.310                         | 0.827    | 50  |   | 41.350           |
| 29 1400     | 0.330                         | 0.820    | 50  |   | 41.000           |
| 30 1450     | 0.942                         | 0.636    | 50  |   | 31.800           |
| 31 1500     | 0.840                         | 0.891    | 50  |   | 44.550           |
| 32 1550     | 1.945                         | 1.343    | 50  |   | 67.125           |

Continuation

| Particulars                         | Details of work |       |     |     | Quantity |
|-------------------------------------|-----------------|-------|-----|-----|----------|
|                                     | No.             | 1     | 2   | 3   |          |
| Sino-CH                             | 111             | 111   | 111 | 111 | 111      |
| 33.1600                             | 0.001           | 1.313 | 5.0 |     | 1.313    |
| 34.1650                             | 1.578           | 1.240 | 5.0 |     | 1.240    |
|                                     |                 |       |     |     | 1667.550 |
|                                     |                 |       |     |     | 43       |
| For 100m lead - 10/10/10/10         |                 |       |     |     |          |
|                                     |                 |       |     |     | 10.64140 |
| For 100m lead - 10/10/10/10         |                 |       |     |     |          |
|                                     |                 |       |     |     | 10.64140 |
| 100m lead = 10.67.50 m <sup>3</sup> |                 |       |     |     |          |
| 100m lead 6000 m <sup>3</sup>       |                 |       |     |     |          |
| Sino-6. Construction of             |                 |       |     |     |          |
| Sub grade and earth                 |                 |       |     |     |          |

|                                               |                |               |                |  |         |
|-----------------------------------------------|----------------|---------------|----------------|--|---------|
| Shoulders -                                   |                |               |                |  |         |
| Length -                                      |                |               |                |  |         |
| $43 \text{ km} \times 30 \text{ m} = 1290.40$ |                |               |                |  |         |
|                                               |                |               |                |  | 10.40   |
|                                               |                |               |                |  | 1290.40 |
|                                               |                |               |                |  | 1290.40 |
| 1300.40                                       | $\times 7.275$ | $\times 0.30$ | $= 2837.25$    |  |         |
|                                               |                |               | m <sup>3</sup> |  |         |
| $45 \times 30 \text{ m} = 150 \text{ m}$      |                |               |                |  |         |
| 150 m                                         |                |               |                |  |         |
| 1000 m Lead - 851.00 m <sup>3</sup>           |                |               |                |  |         |
| 85 100 m Lead 1986.00 m <sup>3</sup>          |                |               |                |  |         |
| Sino-7. Granular Subbase                      |                |               |                |  |         |
| with well Graded material                     |                |               |                |  |         |
| Grading Material.                             |                |               |                |  |         |

## Sch. XLV-Form No. 134

| Particulars                                                      | Details of actual measurement |      |      |      | Co of area |
|------------------------------------------------------------------|-------------------------------|------|------|------|------------|
|                                                                  | No.                           | L.   | B.   | D.   |            |
| Length                                                           | 48                            | 4m   | 30   | 10   |            |
|                                                                  |                               |      |      | 1270 | 10         |
|                                                                  |                               |      |      | 10   | 10         |
|                                                                  |                               |      |      | 1300 | 10         |
|                                                                  |                               |      |      | 1100 | 10         |
| 1300                                                             | 4                             | 105  | 0.10 |      | 1053.1     |
| 150                                                              | 2                             | 175  | 0.10 |      | 562.5      |
| 220                                                              | 1                             | 375  | 0.10 |      | 132.1      |
| 210-17                                                           | Providing and fixing          |      |      |      | 1124.25    |
| Logo of Project.                                                 |                               |      |      |      |            |
| 1) Providing and fixing logo of                                  |                               |      |      |      |            |
| Project as per drawing - 2                                       |                               |      |      |      |            |
| Citizen Information Board                                        |                               |      |      |      | 1          |
| Maintenance Information Board                                    |                               |      |      |      | 1          |
|                                                                  |                               |      |      |      |            |
|                                                                  |                               |      |      |      | 4 Nos.     |
| Home trip deckrest 600mm                                         |                               |      |      |      | 5 No       |
|                                                                  |                               |      |      |      |            |
| SINO-1. Earth work in excavation for foundation of stone pillars |                               |      |      |      |            |
| H.W - 2                                                          | 3.30                          | 1.15 | 1.50 |      | 13.45      |
| Below pipe                                                       |                               |      |      |      |            |
| 1x                                                               | 5.35                          | 1.13 | 0.36 |      | 2.207      |
|                                                                  |                               |      |      |      | 15.66      |
| for 5 nos, 5 no x 15.66                                          |                               |      |      |      | 78.3       |
| SINO-2. Providing M15 (P.C.C)                                    |                               |      |      |      |            |
| 1:2:5:5 as levelling course for foundation                       |                               |      |      |      |            |
| H.W - 2                                                          | 3.30                          | 1.15 | 0.15 |      | 1.3155     |
| Below pipe                                                       |                               |      |      |      |            |
| 1x                                                               | 5.31                          | 1.13 | 0.25 |      | 1.50       |
| For 5 nos                                                        | 5x                            | 2.85 |      |      | 2.85       |
|                                                                  |                               |      |      |      | 14.25      |

Continuation

m<sup>3</sup>



| Particulars       | Details of actual measurement |      |      |      | Contents of area |
|-------------------|-------------------------------|------|------|------|------------------|
|                   | No                            | L    | B    | H    |                  |
| 3.100-3.110-3.120 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.130-3.140-3.150 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.160-3.170-3.180 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.190-3.200-3.210 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.220-3.230-3.240 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.250-3.260-3.270 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.280-3.290-3.300 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.310-3.320-3.330 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.340-3.350-3.360 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.370-3.380-3.390 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.400-3.410-3.420 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.430-3.440-3.450 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.460-3.470-3.480 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.490-3.500-3.510 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.520-3.530-3.540 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.550-3.560-3.570 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.580-3.590-3.600 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.610-3.620-3.630 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.640-3.650-3.660 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.670-3.680-3.690 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.700-3.710-3.720 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.730-3.740-3.750 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.760-3.770-3.780 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.790-3.800-3.810 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.820-3.830-3.840 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.850-3.860-3.870 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.880-3.890-3.900 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.910-3.920-3.930 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.940-3.950-3.960 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 3.970-3.980-3.990 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.000-4.010-4.020 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.030-4.040-4.050 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.060-4.070-4.080 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.090-4.100-4.110 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.120-4.130-4.140 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.150-4.160-4.170 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.180-4.190-4.200 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.210-4.220-4.230 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.240-4.250-4.260 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.270-4.280-4.290 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.300-4.310-4.320 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.330-4.340-4.350 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.360-4.370-4.380 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.390-4.400-4.410 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.420-4.430-4.440 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.450-4.460-4.470 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.480-4.490-4.500 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.510-4.520-4.530 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.540-4.550-4.560 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.570-4.580-4.590 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.600-4.610-4.620 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |
| 4.630-4.640-4.650 | 1                             | 1.00 | 1.00 | 1.00 | 1.00             |

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Continuation

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| Particulars                                                                                   | Details of actual measurement |    |    |    | Contents of area |
|-----------------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                               | No.                           | L. | B. | D. |                  |
| 2158-3. Pay cut up<br>(vide Page 2 of this M.B.)                                              |                               |    |    |    |                  |
| 15.00 m <sup>3</sup> @ 74.16 Rs 1112.40                                                       |                               |    |    |    |                  |
| SINO-4. Construction of Em<br>bankment with approach<br>waters                                |                               |    |    |    |                  |
| (vide Page 2 of this M.B.)                                                                    |                               |    |    |    |                  |
| 9100 m <sup>3</sup> @ 26.21 Rs 234299                                                         |                               |    |    |    |                  |
| SINO-5. Construction of Em<br>bankment built material<br>(vide Page 4 of this M.B.)           |                               |    |    |    |                  |
| 10000 m <sup>3</sup> Lead                                                                     |                               |    |    |    |                  |
| 1067.50 m <sup>3</sup> @ 174.94 Rs 186748                                                     |                               |    |    |    |                  |
| 100 m Lead                                                                                    |                               |    |    |    | Rs 245           |
| 600 m <sup>3</sup> @ 131.03 Rs 78618                                                          |                               |    |    |    | = 10             |
| SINO-6. Construction of sub<br>grade and Earthen<br>Shoulders -<br>(vide Page 4 of this M.B.) |                               |    |    |    |                  |
| 2337.25 m <sup>3</sup> @                                                                      |                               |    |    |    |                  |
| 10000 m <sup>3</sup> Lead                                                                     |                               |    |    |    |                  |
| 85129 m <sup>3</sup> @ 176.58                                                                 |                               |    |    |    |                  |
| 100 m Lead                                                                                    |                               |    |    |    | Rs 150 321.14    |
| 1986.35 m <sup>3</sup> @ 141.17                                                               |                               |    |    |    |                  |
|                                                                                               |                               |    |    |    | Rs 2,80 412.75   |

Continuation

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## Sch. XLV-Form No. 134

| Particulars                                                          | Details of actual measurement |    |    |    | Contents of area |
|----------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                      | No.                           | L. | B. | D. |                  |
| Installation Conduit pipe                                            |                               |    |    |    |                  |
| Providing and Laying of                                              |                               |    |    |    |                  |
| Reinforced Concrete                                                  |                               |    |    |    |                  |
| for depth 300 mm. (79)                                               |                               |    |    |    |                  |
| vide Page 7 of this M.B)                                             |                               |    |    |    |                  |
| 37.5 mtr @ 878.292                                                   |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
| Flue pipe culvert 5 X 600 mm                                         |                               |    |    |    |                  |
| SINO-1. Earth work in excavation for foundation                      |                               |    |    |    |                  |
| (vide Page 5 of this M.B)                                            |                               |    |    |    |                  |
| 7813 m <sup>3</sup> @ 269.32                                         |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
| SINO-2. Providing M15 (P.C 1:2.5:5) as leveling course in Foundation |                               |    |    |    |                  |
| (vide Page 5 of this M.B)                                            |                               |    |    |    |                  |
| 2845 14.25 m <sup>3</sup> @ 4656.86                                  |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
| SINO-3. Plain/Reinforced Cement Concrete in Sub Structure            |                               |    |    |    |                  |
| (vide Page 6 of this M.B)                                            |                               |    |    |    |                  |
| 75.85 m <sup>3</sup> @ 5375.61                                       |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
|                                                                      |                               |    |    |    |                  |
| SINO-4. Providing and Laying R.C.C pipe N.P. for culverts            |                               |    |    |    |                  |
| (vide Page 6 of this M.B)                                            |                               |    |    |    |                  |
| 37.5 R.M @ 1021.41                                                   |                               |    |    |    |                  |

|                                 |  |                              |
|---------------------------------|--|------------------------------|
|                                 |  | $R \rightarrow 2142018$      |
| 3) place/reinforced concrete    |  |                              |
| Concrete to sub structure       |  |                              |
| (vide Page 7 of this M.B.)      |  |                              |
| $33.77 \text{ m}^3 @ 5395 = 61$ |  |                              |
|                                 |  | $R \rightarrow 182047.88$    |
| SINO-4: Paving and lay          |  |                              |
| Rice pikes                      |  |                              |
| (vide Page 7 of this M.B.)      |  |                              |
| $7.5 \text{ m}^2 @ 3764 = 67$   |  |                              |
|                                 |  | $R \rightarrow 28235.02$     |
|                                 |  |                              |
|                                 |  | $R \rightarrow 5782966 = 00$ |

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## Sch. XLV-Form No. 134

| Particulars        | Details of actual measurement |    |    |      | Contents of area |
|--------------------|-------------------------------|----|----|------|------------------|
|                    | No.                           | L. | B. | D.   |                  |
| B.F. - Rn          |                               |    | 57 | 829  | 66.40            |
| <del>Less 10</del> |                               |    |    |      |                  |
| Add 127.5 ST-      |                               |    | 69 | 3955 | .98              |
| Add 60000          |                               |    | 57 | 829  | .66              |
| Less 17.           |                               |    |    |      |                  |
|                    |                               | Rn | 65 | 3475 | 1264             |
| Less 10% AS Per    |                               |    |    |      |                  |
| Agreement -        |                               |    | 65 | 3475 | 1264             |
|                    |                               | Rn | 58 | 812  | 76248            |
| As per 21/2/2021   |                               |    |    |      |                  |

Continuation