

Sri munnal kr. Singh

Ln.T Road Sirish Cherrin Road School de Siricherra.

Schedule XLV - Form No. 1345

11.11.61

Section

Bihar P.W.D.

E.E. R.W.D. WORK - Ayraogelad. Division

Assistant Engineer R.W.D. 3rd Division

WORK Sub-Division - Barua.

MEASUREMENT BOOK

No 72618

Certified that this MB contains -  
100 pages by printer's Machine and Issued  
to Sri Yashvendra K. A. R. W. & W.  
Sub-Div - Barun

*Yashvendra*  
10/7/20

Executive Engineer  
Rural Works Divn. at  
Works Division, Aurangabad  
*10/7/20*

Schedule XLV - Part No. 134.

\_\_\_\_\_ DIVISION.

\_\_\_\_\_ DISTRICT.

MEASUREMENT BOOK.

72618.1  
2314.5 <

Sri Krishna K. Yashvendra A. R. W. & W.

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

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

निहा. यशवेंद्र के. ए. ए. व. व.

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. |                  |

• Yes E A/C Bill

Name of work - Construction of  
Road from C/T Road Sirish  
Charan Path School to  
Savanga Under Head  
MMLSY

Name of Agency - Munna Kr  
Singh Village, Malshi  
Obra Aurangabad (Bihar)

Agreement No - 24530/20-21

Date of Agreement - 30-06-20

Date of Comp - 29-03-21

Agreement Amt - 4874770200  
Part (A)

Agreement value - 10% below,  
as per B.O.G. Rate.

Date of measurement - 15-07-20

① Providing & Fixing of  
Working Bench mark

Reference Pillar - 0

Qty = 1.0 Nos.

② Reference Pillar -

Qty = 3.0 Nos.

Continuation



| Particulars                                | Details of actual measurement |       |      |      | Contents of area              |
|--------------------------------------------|-------------------------------|-------|------|------|-------------------------------|
|                                            | No.                           | L     | B    | D    |                               |
| ③ Clearing & Grubbing.<br>Road Level. - 7' |                               |       |      |      |                               |
| CH. 0.00 to 4.00 m                         | 2                             | 13 No | 30.0 | 3.50 | $= 2730.0 \text{ m}^2$        |
|                                            | 2                             | 1 No  | 10.0 | 3.50 | $= 70.0 \text{ m}^2$          |
| CH. 4.00 to 7.05 m                         | 2                             | 13 No | 30.0 | 3.50 | $= 2730.0 \text{ m}^2$        |
|                                            | 2                             | 1 No  | 5.0  | 3.50 | $= 35.0 \text{ m}^2$          |
|                                            |                               |       |      |      | Total = 5565.0 m <sup>2</sup> |
|                                            |                               |       |      |      | 0.5565 Hec.                   |

|                                   |       |      |     |       |                             |
|-----------------------------------|-------|------|-----|-------|-----------------------------|
| ④ Dismantling of<br>Structure - 2 |       |      |     |       |                             |
|                                   | 13 No | 30.0 | 3.0 | 0.150 | $= 175.50 \text{ m}^3$      |
|                                   | 1     | 5.0  | 3.0 | 0.150 | $= 2.25 \text{ m}^3$        |
|                                   |       |      |     |       | Qty = 177.75 m <sup>3</sup> |

Received

15.07.20

15.

7th Date of measmt

25.07.20

① Box Cutting.

Excavation for Road

way in soil using  
manual means for

Carrying of cut earth

CH. 0.00 to 4.00 m

In BT Pothole

$$2 \times 13 \text{ No} \times 30.0 \times 0.525 \times 0.100 =$$

$$2 \times 1 \text{ No} \times 10.0 \times 0.525 \times 0.100 =$$

Continuation

$$= 1.05 \text{ m}^3$$

$$= 42.0 \text{ m}^3$$

| Particulars                                           | Details of actual measurement |   |   |   | Contents of area |  |
|-------------------------------------------------------|-------------------------------|---|---|---|------------------|--|
|                                                       | No.                           | L | B | D |                  |  |
| $Bf = \phi + y = 42.0m$                               |                               |   |   |   |                  |  |
| CH - 400m to 795m                                     |                               |   |   |   |                  |  |
| In c.c. Portion                                       |                               |   |   |   |                  |  |
| $2 \times 13.0 \times 30.0 \times 0.375 \times 0.175$ |                               |   |   |   |                  |  |
| $= 51.18$                                             |                               |   |   |   |                  |  |
| $= 29.25$                                             |                               |   |   |   |                  |  |
| $2 \times 1 No \times 5.0 \times 0.375 \times 0.175$  |                               |   |   |   |                  |  |
| $= 0.656$                                             |                               |   |   |   |                  |  |
| $= 51.84$                                             |                               |   |   |   |                  |  |

$$\text{Total } \phi + y = 93.84 m^3$$

② Construction of Embankment with appropriate methods.

60% of the material

$$= 93.84 \times 60\% = 56.30 m^3$$

Ranjan  
05.07.20  
JV

Date of measurement  
29.07.20

③ Construction of Subgrade on/earthen shoulder - In BT Portion CH. 000 to 400m

Side of L.R.S.B.

$$2 \times 13 No \times 30.0 \times 1.388 \times 0.200 = 216.52 m^3$$

$$2 \times 1 No \times 10.0 \times 1.388 \times 0.200 = 5.55 m^3$$

Continuation

$$= 222.072 m^3$$

BF = Qty = 222.072 m<sup>3</sup>  
 Sch. XLV-Form No. 134 - (A)

| Particulars                         | Details of actual measurement |   |   |   | Contents of area              |
|-------------------------------------|-------------------------------|---|---|---|-------------------------------|
|                                     | No.                           | L | B | D |                               |
| Side of W.B. murr. 3 in. str. 1000. |                               |   |   |   |                               |
| 2 x 13.00 x 30.00 x 1.182 x 0.075   |                               |   |   |   | = 69.147 m <sup>3</sup>       |
| 2 x 11.00 x 10.00 x 1.18 x 0.075    |                               |   |   |   | = 1.77 m <sup>3</sup>         |
|                                     |                               |   |   |   | = 70.917 m <sup>3</sup> - (B) |
| Total Qty =                         |                               |   |   |   | 292.989 m <sup>3</sup>        |

Ran  
 29.07.20  
 D.E

Date of murr.  
 05.08.20

|                                            |  |  |  |  |                          |
|--------------------------------------------|--|--|--|--|--------------------------|
| (1) W.S.B. with                            |  |  |  |  |                          |
| well graded material.                      |  |  |  |  |                          |
| grading - I - 1000                         |  |  |  |  |                          |
| CH - 0.10 to 400 m.                        |  |  |  |  |                          |
| sliding portion                            |  |  |  |  |                          |
| 2 x 13.00 x 30.00 x 0.525 x 0.100          |  |  |  |  | = 40.95 m <sup>3</sup>   |
| 2 x 11.00 x 10.00 x (1.34 + 0.525) x 0.100 |  |  |  |  | = 1.825 m <sup>3</sup>   |
| over layer                                 |  |  |  |  |                          |
| 13.00 x 10.00 x (6.65 + 4.05) x 0.100      |  |  |  |  | = 5.35 m <sup>3</sup>    |
| 13.00 x 30.00 x 4.05 x 0.100               |  |  |  |  | = 157.95 m <sup>3</sup>  |
| Continuation                               |  |  |  |  | = 206.075 m <sup>3</sup> |



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

BF = 94Y = 206.075 m<sup>3</sup>  
 Entire Profile correction.

3 No X 4.30 X 1.20 X 0.075 = 1.161 m<sup>3</sup>  
 4 No X 2.10 X 3.10 X 0.100 = 2.604 m<sup>3</sup>  
 2 No X 1.65 X 2.10 X 0.115 = 0.796 m<sup>3</sup>  
 3 No X 1.75 X 2.13 X 0.120 = 1.341 m<sup>3</sup>  
 6 No X 2.10 X 3.10 X 0.150 = 5.955 m<sup>3</sup>  
 3 No X 1.60 X 2.15 X 0.160 = 1.656 m<sup>3</sup>  
 2 X 7.20 X 1.50 X 0.200 = 4.200 m<sup>3</sup>  
 1 No X 3.50 X 1.70 X 1.00 = 2.555 m<sup>3</sup>  
 4 No X 5.20 X 1.50 X 1.00 = 3.740 m<sup>3</sup>  
 = 228.016 m<sup>3</sup>  
 Rev. 105.932 m<sup>3</sup> Set limit = 226.08 m<sup>3</sup>

~~2 of 20~~  
 Date of measurement 04.11.20  
 Dismantling H.P.C = 600 mm  $\phi$  And

① ~~at all~~  
 Dismantling & Existing

Cement concrete -  
 4 No X 3.50 X 1.14 X 0.50 = 2.40 m<sup>3</sup>

② ~~38~~  
 Dismantling & Existing

Cement mortar -  
~~69.32~~  
 4 No X 2 X 4.20 X 0.825 X 2.50 = 69.32 m<sup>3</sup>

Sch. XLV-Form No. 134

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

(3) Removing - All  
 39 types of H.P.C.  
 and stacking -  $\rightarrow$  -  $\rightarrow$  -  
 $1 \text{ No} \times 7.50 = 30.0 \text{ m}$

(4) Providing and  
 40 laying of a.R.C.  
 pipe -  $\rightarrow$  -  $\rightarrow$  -  
 $2 \text{ No} \times 4.0 \times 2.50 = 20.0 \text{ m}$

Ranjan  
 08-11-20

Date of work  
 08-11-20  
 600mm H.P.C. at ch 225 m

(1) Earth work in excav  
 32 ion - in foundation  
 trench -  $\rightarrow$  -  $\rightarrow$  -  
 H.W.

$2 \times 3.90 \times 1.150 \times 1.50 = 13.45 \text{ m}^3$   
 below pipe.

$1 \times 5.350 \times 1.130 \times 0.365 = 2.207 \text{ m}^3$   
 $= 15.66 \text{ m}^3$

(2) P.C.C. in form  
 33 leveling course m/c  
 $(1:2:5:5) - \rightarrow$  -  $\rightarrow$  -  
 H.W.

$2 \times 3.90 \times 1.150 \times 0.150 = 1.345 \text{ m}^3$

Continuation  
 $1 \times 5.31 \times 1.130 \times 0.250 = 1.50 \text{ m}^3$   
 $= 2.850 \text{ m}^3$

Ranjan  
 08-11-20



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

Date of measurement  
10.11.20

(3/34) P.C.C. 120 grade  
in Substructure

— — — — —

#1.W-

$$2 \times 3.60 \times \frac{(1.0 + 0.400)}{2} \times 2.78 = 14.01 \text{ m}^3$$

Perimeter -

$$2 \times 3.60 \times 0.400 \times 0.60 = 1.728 \text{ m}^3$$

Loss for Pipe -

$$2 \times 0.7857 \times (0.830)^2 \times 0.530 = 0.579 \text{ m}^3$$

$$= 15.17 \text{ m}^3$$

(4/35) Providing & laying

R.C.C pipe NP-3 for

— — — — —

$$3 \times 2.50 = 7.50 \text{ m}$$

Ranjan  
10.11.20  
J.E.

| Particulars     | Details of actual measurement |                     |   |   | Contents of area |  |
|-----------------|-------------------------------|---------------------|---|---|------------------|--|
|                 | No.                           | L                   | B | D |                  |  |
|                 |                               | Date of measurement |   |   |                  |  |
|                 |                               | 11-11-20            |   |   |                  |  |
| 600 mm of H.P.C |                               |                     |   |   |                  |  |
| at CH- 480.0m   |                               |                     |   |   |                  |  |

(1/32) Earth work in excavation in foundation - sur

$$H.W - 2 \times 3.90 \times 1.15 \times 1.50 = 13.45 m^3$$

Below pipe -

$$1 \times 5.35 \times 1.130 \times 0.360 = 2.207 m^3$$

$$= 15.66 m^3$$

(2/33) Providing M15 P.C.C (1:2:5) as leveling course - sur

$$2 \times 3.90 \times 1.150 \times 0.150 = 1.34 m^3$$

$$1 \times 5.311 \times 1.130 \times 0.250 = 1.50 m^3$$

$$= 2.850 m^3$$

Remarks  
11-11-20  
J.E.

Date of measurement  
14-11-20

(3/39) P.C.C m20 grade of concrete in sub-structure - sur

$$H.W - 2 \times 3.60 \times (1.0 + 0.40) \times 2.780$$

$$= 14.01 m^3$$

Parasupel -

$$2 \times 3.60 \times 0.40 \times 0.60 = 1.72 m^3$$

(Less for pipe)

$$2 \times \frac{\pi}{4} \times (0.830)^2 \times 0.530 = 0.57 m^3$$

$$Remarks = 15.17 m^3$$

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

(4) Providing & laying  
R.C.C. pipe NP-3 for  
culvert

$$2 \times 2.50 = 7.50 \text{ m}$$

Ramya  
14-11-20  
J.E. Pr

Date of measurement  
15-11-20

(1/32) 600mm dia H.P.C of eff-660m  
Earth-work in trench  
in foundation trench

H.W.  $2 \times 3.90 \times 1.150 \times 1.50 = 13.45 \text{ m}^3$

Below Pipe-

$$1 \times 5.350 \times 1.130 \times 0.365 = 2.207 \text{ m}^3$$

$$\text{Total} = 15.66 \text{ m}^3$$

(2/33) Providing m15 P.C.C  
in (1:2.5:5) C  
leveling course

$$\text{H.W.} - 2 \times 3.90 \times 1.150 \times 0.150 = 1.34 \text{ m}^3$$

$$\text{Pipe} - 1 \times 5.311 \times 1.130 \times 0.250 = 1.509 \text{ m}^3$$

$$= 2.850 \text{ m}^3$$

Ramya  
15-11-20  
J.E. Pr

Continuation



3/34

R.C.C M20 grade  
of concrete in sub-  
structure

$$H.W. - 2 \times 3.60 \times (1.0 + 0.40) \times 2.78$$

$$2 = 14.01 m^3$$

$$Pozupet - 2 \times 3.60 \times 0.40 \times 0.60 = 1.72 m^3$$

Loss for pipe

$$2 \times \frac{\pi}{4} \times (0.830)^2 \times 0.530 = 0.574 m^3$$

$$= 15.17 m^3$$

4/35

Providing & laying

R.C.C NP-3 for

column

$$3 No \times 2.50 = 7.50 m$$

Ranjit  
19-11-20  
J.E

Date of finish  
600mm  $\phi$  at ch-750m.

1/32

Earth work in excavation  
in foundation

$$H.W. - 2 \times 3.90 \times 1.150 \times 1.50 = 13.45 m^3$$

$$Below pipe - 1 \times 5.350 \times 1.130 \times 0.365 = 2.20 m^3$$

$$= 15.65 m^3$$

2/33

Provide R.C.C M15 for  
leveling course

$$2 \times 3.90 \times 1.150 \times 0.150 = 1.34 m^3$$

$$1 \times 5.311 \times 1.130 \times 0.250 = 1.50 m^3$$

Continuation

$$= 2.850 m^3$$

Ranjit  
20-11-20  
J.V

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

Date of measurement  
24-11-20

③ Providing M20  
grade concrete in  
Substructure - -

3 No X 2.50 = 7.50m Run

H.W.

$$2 \times 3.60 \times (1.0 + 0.40) \times 2.780$$

$$= 121.01 \text{ m}^3$$

Parapet

$$2 \times 3.60 \times 0.40 \times 0.60 = 1.728 \text{ m}^3$$

Less for Pipe

$$2 \times 0.7857 \times 0.830^2 \times 0.530$$

$$= 0.574 \text{ m}^3$$

$$\text{Total} = 15.17 \text{ m}^3$$

④ Providing and  
laying R.C.C Pipe  
N.P.3 for culvert -

3 No X 2.50 = 7.50m

Remarks  
24-11-20  
J.V.M.

Continuation

| Particulars                              | Details of actual measurement |                                 |   |   | Contents of area |  |
|------------------------------------------|-------------------------------|---------------------------------|---|---|------------------|--|
|                                          | No                            | L                               | B | D |                  |  |
|                                          |                               | Date of measurement<br>28-11-20 |   |   |                  |  |
| (17) Construction of                     |                               |                                 |   |   |                  |  |
| L.S.B with well                          |                               |                                 |   |   |                  |  |
| graded materials.                        |                               |                                 |   |   |                  |  |
| In C.C. Portion -                        |                               |                                 |   |   |                  |  |
| CH - 9.00m to 7.95m.                     |                               |                                 |   |   |                  |  |
| In widening -                            |                               |                                 |   |   |                  |  |
| 2.0 X 12.0 X (1.20 + 0.375) X 0.10       |                               |                                 |   |   |                  |  |
| Run                                      |                               |                                 |   |   | $= 2.362m^3$     |  |
| 2.0 X 12.0 X 30.0 X 0.375 X 0.10         |                               |                                 |   |   | $= 27.0m^3$      |  |
| 2.0 X 1.0 X 30.0 X (1.10 + 0.375) X 0.10 |                               |                                 |   |   | $= 4.425m^3$     |  |
|                                          |                               |                                 |   |   | $= 32.985m^3$    |  |

$$\text{Qty. Unit + CH} = 30.22m^3$$

Run  
28-11-20  
J.E

Date of measurement  
10-12-20

|                                                |  |  |  |  |               |
|------------------------------------------------|--|--|--|--|---------------|
| (18) WBM brs-3, Providing<br>laying, spreading |  |  |  |  |               |
| CH - 0.00 to 4.00m.                            |  |  |  |  |               |
| In BT Portion:                                 |  |  |  |  |               |
| 1 No X 10.0 X (6.35 + 3.75) X 0.075            |  |  |  |  |               |
|                                                |  |  |  |  | $= 3.78m^3$   |
| 13 No X 30.0 X 0.375 X 0.075                   |  |  |  |  |               |
|                                                |  |  |  |  | $= 109.68m^3$ |

Continuation

$$\text{Co. CH} = 113.467m^3$$



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

$$BF = (41) \times 113.467 \text{ m}^3$$

$$CH = 400 \text{ m} + 795 \text{ m}$$

in c.c. Portion

$$1 \text{ No} \times \frac{5.0}{2} \times (6.15 + 3.75) \times 0.075 = 1.856 \text{ m}^3$$

$$12 \text{ No} \times 30.0 \times 3.75 \times 0.075 = 101.25 \text{ m}^3$$

$$1 \text{ No} \times 30.0 \times (5.95 + 3.75) \times 0.075$$

$$= 10.91 \text{ m}^3$$

$$= 227.483 \text{ m}^3$$

ROMW  
10-12-20  
J.E

10-12-20  
AA Brown

Date of measurement  
22-12-20  
Construction of Embankment

ment - on - pull

as per graph -

| Ch.   | C/S Area | Avg. Area | Length | Volume  |
|-------|----------|-----------|--------|---------|
| 0.00  | 4.451    | —         | —      | —       |
| 50.0  | 4.310    | 4.380     | 50     | 219.025 |
| 100.0 | 4.210    | 4.260     | 50     | 213.00  |
| 150.0 | 4.510    | 4.36      | 50     | 218.00  |
| 200.0 | 5.20     | 4.855     | 50     | 242.75  |
| 250.0 | 5.110    | 5.155     | 50     | 257.75  |
| 300.0 | 5.150    | 5.130     | 50     | 256.50  |
| 350.0 | 4.98     | 5.065     | 50     | 253.25  |
| 400.0 | 4.120    | 4.550     | 50     | 227.50  |
| 450.0 | 5.910    | 5.015     | 50     | 250.75  |
| 500.0 | 3.210    | 4.56      | 50     | 228.00  |

| Particulars  | Details of actual measurement |       |      |        | Contents of area        |
|--------------|-------------------------------|-------|------|--------|-------------------------|
|              | No.                           | L     | B    | D      |                         |
| CH- C/S Area |                               |       | Area | Length | Volume                  |
| 550          | 4.550                         | 3.88  | 50   |        | 194.0                   |
| 600          | 4.620                         | 4.585 | 50   |        | 229.25                  |
| 650          | 3.120                         | 3.87  | 50   |        | 193.50                  |
| 700          | 3.700                         | 3.41  | 50   |        | 170.50                  |
| 750          | 4.125                         | 3.912 | 50   |        | 195.625                 |
| 795          | 4.950                         | 4.537 | 45   |        | 204.187                 |
| Total Qty =  |                               |       |      |        | 3553.587 m <sup>3</sup> |

Deduction Qty.

W.B.M. ker-3 = 227.483 m<sup>3</sup>  
 U.S.B = 256.30 m<sup>3</sup>  
 Subgrade = 292.389 m<sup>3</sup>  
 Embankment for cutting = 56.30 m<sup>3</sup>

- Embankment Qty = 2720.15 m<sup>3</sup>

① Qty. for 1000 m lead = 1442.20 m<sup>3</sup>

① Qty for 100m lead = 1278.315 m<sup>3</sup>

② Providing & Fixing logo of mossy logo bar  
 Qty = 2.0 nos.

Ramji  
 22-12-20

J.E

07.01.21

A.G. Bordegar

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

ABSTRACT OF COST.

(1) Providing & fixing  
of working bench mark.  
- - - - -

Qty wide trans P-1 = 1.0

@ RS = 3827.11 / Each = 3827 = ₹

(2) Reference Pillar.

Qty wide trans P-1 = 3.0

@ RS = 1731.30 / Each = 5194 = ₹

(3) Cleaning & Grubbing  
Road Canal. - - -

Qty wide trans P-2 =

= 6.5565 Hec.

@ RS = 51133.76 / Hec = 28456 = ₹

(4) Dismantling of existing  
Structure. - - -

Qty wide trans P-2 =

= 177.75 m<sup>3</sup>

@ RS = 487.79 / m<sup>3</sup> = 86162 = ₹

(5) Box cutting - Excavation  
for Roadway in Soil  
- - - - -

Qty wide trans P-3 = 93.84 m<sup>3</sup>

@ RS = 74.16 / m<sup>3</sup> = 6959 = ₹

(6) Construction with embankment.

- nt. with approved  
60:1 cut & back

Qty wide trans P-3 = 56.30 m<sup>3</sup>

@ RS = 26.11 / m<sup>3</sup> = 1470 = ₹

(0. RS = 132,068 = ₹



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

$$BF = 132,068 = \infty$$

(7) Construction of Embankment

ment with materials -

- - - - -

For - 1000 m lead.

$$Qty \text{ Side } + msp - 14 = 1442.20 m^3$$

$$@ PS = 174.94 / m^3 = PS = 252,298 = \infty$$

(8) Construction of Embankment

For - 100 m (lead)

ment with - - - - -

$$Qty \text{ wide } + msp - 14 = 1278.315 m^3$$

$$@ PS = 131.03 / m^3 = PS = 167,498 = \infty$$

(9) Construction of subgrade

and earthen shoulder

$$Qty \text{ wide } + msp - 4$$

$$= 292.989 m^3$$

$$@ PS = 176.55 / m^3 = PS = 51,736 = \infty$$

(10) G.S.B with well

graded materials -

grading - - - - -

$$Qty \text{ wide } + msp - 5 = 226.08 m^3$$

$$Qty \text{ wide } + msp - 12 = 30.22 m^3$$

$$= 256.30 m^3$$

$$@ PS = 2322.62 / m^3 = PS = 595,287 = \infty$$

(11) WBM Wt 3, Provision

laying, Spreading & Comp

- - - - -

$$Qty \text{ wide } + msp - 13 = 227.483 m^3$$

$$@ PS = 3487.32 / m^3 = PS = 793,306 = \infty$$

$$@ PS = 1992,193 = \infty$$

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

Bf PS = 1992.193 = 0

(12) Providing of logs  
of mmsy. board.

Qty wide tms P-14 = 2.0

@ PS = 9197.93 / each = 18396 = 0

(13) Irrigation pipe 300mm

of providing & laying  
of R.C.C. - 2 - 1

Qty wide tms P-6 = 20.0m

@ PS = 871.62 / m = PS = 17432 = 0

(14) Earthwork in excavation  
in foundation. - 2 - 1

Qty wide tms P-6 = 15.66m<sup>3</sup>

Qty wide tms P-8 = 15.66m<sup>3</sup>

Qty wide tms P-9 = 15.66m<sup>3</sup>

Qty wide tms P-10 = 15.65m<sup>3</sup>

= 62.64m<sup>3</sup>

@ PS = 269.32 / m<sup>3</sup> = PS = 16870 = 0

(15) Providing M15 R.C.C.

(1:2:5:5) in foundation

for leveling course

Qty wide tms P-6 = 2.85m<sup>3</sup>

Qty wide tms P-8 = 2.85m<sup>3</sup>

Qty wide tms P-9 = 2.85m<sup>3</sup>

Qty wide tms P-10 = 2.85m<sup>3</sup>

= 11.40m<sup>3</sup>

@ PS = 4597.00 / m<sup>3</sup> = PS = 52416 = 0

(0 - PS) = 2097307 = 0

| Particulars                           | Details of actual measurement |   |   |   | Contents of area         |
|---------------------------------------|-------------------------------|---|---|---|--------------------------|
|                                       | No.                           | L | B | D |                          |
|                                       |                               |   |   |   | $Bf = P3 = 2097307 = 00$ |
| (16) R.C.C. M20 grade in substructure |                               |   |   |   |                          |
|                                       |                               |   |   |   |                          |
| Qty wide msp P-7                      |                               |   |   |   | $= 15.17 m^3$            |
| Qty wide msp P-8                      |                               |   |   |   | $= 15.17 m^3$            |
| Qty wide msp P-10                     |                               |   |   |   | $= 15.17 m^3$            |
| Qty wide msp P-11                     |                               |   |   |   | $= 15.17 m^3$            |
|                                       |                               |   |   |   | $= 60.68 m^3$            |

$$@ P1 = 5375.50 / m^3 \times P3 = 326191 = 00$$

|                                           |  |  |  |  |            |
|-------------------------------------------|--|--|--|--|------------|
| (17) Providing & laying R.C.C. Pipe N.P.3 |  |  |  |  |            |
| for                                       |  |  |  |  |            |
| Qty wide msp P-7                          |  |  |  |  | $= 7.50 m$ |

|                   |  |  |  |  |            |
|-------------------|--|--|--|--|------------|
| Qty wide msp P-9  |  |  |  |  | $= 7.50 m$ |
| Qty wide msp P-10 |  |  |  |  | $= 7.50 m$ |
| Qty wide msp P-11 |  |  |  |  | $= 7.50 m$ |
|                   |  |  |  |  | $= 30.0 m$ |

$$@ P3 = 955.53 / m \times P3 = 28666 = 00$$

|                                                 |  |  |  |  |  |
|-------------------------------------------------|--|--|--|--|--|
| (18) Dismantling of existing structure like cum |  |  |  |  |  |
| concrete                                        |  |  |  |  |  |

|                  |  |  |  |  |              |
|------------------|--|--|--|--|--------------|
| Qty wide msp P-5 |  |  |  |  | $= 2.40 m^3$ |
|------------------|--|--|--|--|--------------|

$$@ P3 = 484.74 / m^3 \times P3 = 1163 = 00$$

|                              |  |  |  |  |  |
|------------------------------|--|--|--|--|--|
| (19) Dismantling of existing |  |  |  |  |  |
|                              |  |  |  |  |  |

|                  |  |  |  |  |               |
|------------------|--|--|--|--|---------------|
| Qty wide msp P-5 |  |  |  |  | $= 69.32 m^3$ |
|------------------|--|--|--|--|---------------|

$$@ P3 = 231.77 / m^3 \times P3 = 16066 = 00$$

$$C.O. P3 = 2469393 = 00$$

Continuation



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

BF = 14 = 24,69,393 = 00

(20) Removing all types.

of H.P. = 0

Qty wire mesh = 6 = 2000

@ P3 = 174.78/m = P3 = 5243 = 00

Ln. Total P3 = 24,74,636 = 00

Ln. S-T 12% Add = 2,96,956 = 00

1% Cabonless G1 = 24,746 = 00

= 27,96,338 = 00

Less 10% below = 2,79,634 = 00

Net P3 = 25,16,704 = 00

Ramya

05.01.2021

JG

C&P

12/1/21

07.01.2021

AB, B&B

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

## Materials STATEMENTS

(1) Stone metuls =  $490.542 \text{ m}^3$

(2) Course sand =  $124.96 \text{ m}^3$

(3) Screening <sup>(Stone dust)</sup> =  $54.59 \text{ m}^3$

(4) Stone chips =  $63.73 \text{ m}^3$

Ranjan  
05-01-20  
J.V.