

State Scheme Canal of RCC Culvert of 2x6m  
on Span in L-55 to Garbaya Road.

NEIBARD

**Schedule XLV-Form No. 134** (10% below)

25.38390 lakh

Rwd (w) div. Shergahi **DIVISION**

Dabhi **SUB-DIVISION**

Agency -- Manish Singh

**MEASUREMENT BOOK**

1145

Ag No. - 81500/19-20

18.2.20

17.8.2020

~~Straight 2.8 x 16.70m = 467.60m~~

~~Chalk:- 2.8 x 17.58m = 492.24m~~

@ 2.47 kg/m  $\frac{959.84m}{2}$

$\frac{2370.80m}{2}$

Dist. bar:- 16mm

110 x 8.25m = 907.50m

@ 1.58 kg/m  $\frac{1433.85kg}{2}$

Top Members:- 12mm

56 x 16.70m = 935.20m

@ 0.89 kg/m  $\frac{832.33kg}{2}$

Dist. bar:- 10mm

110 x 8.25m = 907.50m

Bottom Chalk:- 47 x 8.25m = 387.75m

1295.25m

@ 0.62 kg/m  $\frac{803.06kg}{2}$

Grand Total:- 5440.04kg

Name of Agency - Manish Singh,  
at - Anantnagar Muttasol, Anantnagar,  
District Gaya

Ag No - 815BD/19-20.

Date of Work order - 18-2-2022

Date of completion - 17-8-2022

Date of measurement - 21/5/22

1. Dismantling of Structure.

Dismantling of existing structure  
like Culverts.

Reinforced cement concrete - By  
manual means -

Top Slab: -  $1 \times 12.70 \times 7.50 \times 0.20 = 19.05 \text{ m}^3$

Less previous damage: -

$1 \times 4.0 \text{ m} \times 2.50 \text{ m} \times 0.20 \text{ m} = 2.0 \text{ m}^3$

$1 \times 3.50 \text{ m} \times 3.0 \times 0.20 \text{ m} = 2.10 \text{ m}^3$

## Abstract of work

1/1. Dismantling of  
existing structure line

Culvert masonry 20 cm.

concrete etc. as per sp.

Quantity vide Page (5) - 14.85

@ RS. 1127.08/m<sup>3</sup> RS. 16850:-

2/2. Dismantling of  
existing structure, abutment

work with cm.

Quantity

vide Page (5) - 55.16 m<sup>3</sup>

@ RS. 332.96/m<sup>3</sup> RS. 18699:-

3/3. Earth work in EXG:

for found<sup>n</sup> of structures

per sp. Quantity vide Page (5)

263.56 m<sup>3</sup> @ RS. 285.17/m<sup>3</sup> RS. 75159:-

4/4. Providing plain concrete

for found<sup>n</sup> of structures

sp. Quantity vide Page (5)

27.90 m<sup>3</sup> @ RS. 432.11/m<sup>3</sup> RS. 120556:-

5/5. Providing plain

concrete in open

found<sup>n</sup> Quantity vide

Page (6), 144.79 m<sup>3</sup>

@ RS. 4230.31/m<sup>3</sup> RS. 612507:-

C. RS. 843771:-

Scanned by CamScanner

2nd and Record Measurement  
Name of work: construction  
of R.C.C. Culvert of 2x6m  
span in 1055 to Garbeya  
Road under Dabhi Block  
under state scheme.

Name of Agency - Manish Singh  
at amritnagar, Multa Sela  
District Garbha.

AGNO - 81580/19-20.

Date of work order 18/2/20

Date of completion - 17/8/20

Date of measurement - 15/7/20

1. Providing plain concrete

Continued.

P.C.C. in Substructure  
 as per drawing and  
 technical sp<sup>hy</sup>

Abut: -  $2 \times 8.50 \text{ m} \times 1.75 \text{ m} \times 8.50 \text{ m} = 14.38 \text{ m}^3$

Pier: -  $1 \times 8.50 \text{ m} \times 1.30 \text{ m} \times 8.50 \text{ m} = 25.50 \text{ m}^3$

R/W: -  $4 \times 3.96 \times 2 + 1.37 \text{ m} \times 3.35 \text{ m} = 89.40 \text{ m}^3$

Floor: -  $1 \times 8.5 \times (6 - 4.25) \times 0.50 = 7.49 \text{ m}^3$

:  $1 \times 8.5 \times 6.0 \text{ m} \times 0.50 \text{ m} = 25.50 \text{ m}^3$

Less quantity of concrete (-)  $138.31 \text{ m}^3$

84.43 m<sup>3</sup>

2. Supplying, fitting and placing  
 T.M.T. bar reinforcement

More in Substructure as per

sp<sup>hy</sup>: as per Cap, Abutment Cap,

Drift Wall etc as per sp<sup>hy</sup>.

Main bar 12mm φ: -

in Abut: -  $2 \times 2 \times 12 \times 9 \text{ m} = 648 \text{ m}$

Pier: -  $2 \times 12 \times 9 \text{ m} = 216 \text{ m}$

@  $0.89 \text{ kg/m}$   $\frac{864 \text{ m}}{2} = 768.96 \text{ kg}$

Drift Wall: 10mm φ: -

$2 \times 55 \times 0.98 \text{ m} = 107.80 \text{ m}$

@  $0.62 \text{ kg/m}$   $\frac{107.80 \text{ m}}{2} = 66.84 \text{ kg}$

Stirrups: - 8mm φ: -

$2 \times 48 \times 4.10 \text{ m} = 393.60 \text{ m}$

Pier: -  $1 \times 48 \times 3.10 \text{ m} = 148.80 \text{ m}$

@  $0.39 \text{ kg/m}$   $\frac{542.40 \text{ m}}{2} = 271.20 \text{ kg}$

Lat on a/c bill

7

Sch. XLV-Form No. 134

| Particulars                                                                          | Details of actual measurement |    |    |    | Contents of area |
|--------------------------------------------------------------------------------------|-------------------------------|----|----|----|------------------|
|                                                                                      | No.                           | L. | B. | D. |                  |
| Received Allotment from R.R.D.                                                       |                               |    |    |    |                  |
| vide letter no. 39/Genl dt 29/05/2020                                                |                               |    |    |    |                  |
| Rs. 20,00,000/-                                                                      |                               |    |    |    |                  |
| Memo of Payment for                                                                  |                               |    |    |    |                  |
| By S.D 8% - Rs. 1,83,280/-                                                           |                               |    |    |    |                  |
| By IT 1% - Rs. 14,791/-                                                              |                               |    |    |    |                  |
| By L.C 1% - Rs. 14,791/-                                                             |                               |    |    |    |                  |
| By C.S.T 1% - Rs. 14,791/-                                                           |                               |    |    |    |                  |
| By S.C.S.T 1% - Rs. 14,791/-                                                         |                               |    |    |    |                  |
| By Govt (MD) - Rs. 7,282/-                                                           |                               |    |    |    |                  |
| By C.P. 1% - Rs. 13,939/-                                                            |                               |    |    |    |                  |
| By Cheque - Rs. 1,60,526/-                                                           |                               |    |    |    |                  |
| Total                                                                                |                               |    |    |    |                  |
| 14,79,099/-                                                                          |                               |    |    |    |                  |
| Pays for Rs. 14,79,099/- (Fifteen<br>lacs seventy nine thousand ninety<br>nine) only |                               |    |    |    |                  |
| By R.R.D.                                                                            |                               |    |    |    |                  |
| 10/06/2020                                                                           |                               |    |    |    |                  |
| Executive Engineer                                                                   |                               |    |    |    |                  |
| R.W.D (W) Division                                                                   |                               |    |    |    |                  |
| Sherghat                                                                             |                               |    |    |    |                  |
| 10/06/2020                                                                           |                               |    |    |    |                  |

Drawing and technical  
Sp<sup>h</sup>.

Slab: -  $2 \times 6.86m \times 8.0 \times 0.15 = 49.36$

2. Providing Weep holes

Plain Concrete Abutments

Wing wall and R/W etc.

as per sp<sup>h</sup> - - - - -  $1 \times 40 - 40 \text{ No}$

3. Drainage Spouts

Complete as per drawing  
and technical sp<sup>h</sup>

$1 \times 2 \text{ No} - 2 \text{ No.}$

4. Construction of  
R.C.C. railing of M25

grade to cast in situ

with 20mm Nominal size

aggregates as per sp<sup>h</sup>.

$2 \times 13.0m = 26m.$

Limit of -  $17.20m.$

$\frac{1}{8/20}$   
J.E.

$\frac{1}{01.8}$   
pi

18  
Sch. XLV-Form No. 134

| Particulars               | Details of actual measurement |   |   | Quantity of area |
|---------------------------|-------------------------------|---|---|------------------|
|                           | No.                           | L | B |                  |
| and Sp <sup>h</sup> Bunch |                               |   |   | RS. 2404733.     |
| Vide Page - (12) - 17.20m |                               |   |   |                  |
| Q.R.S. 2352.54/m          |                               |   |   | RS. 40464.0      |
|                           |                               |   |   | RS. 2445257.     |
| Add 1. Labour cost        |                               |   |   | - RS. 24,453.    |
| Add 12.1. G.S.T.          |                               |   |   | - RS. 293431.    |
|                           |                               |   |   | RS. 2763141.     |
| Less 10.1. Below          |                               |   |   | RS. 2,76,314.    |
|                           |                               |   |   | RS. 24,86,827.   |
| Less Previous Payment     |                               |   |   | RS. 14,79,99.    |
|                           |                               |   |   | RS. 10,07,728.   |
| <i>[Signature]</i>        |                               |   |   |                  |
| 11/8/20                   |                               |   |   |                  |
| T.E.                      |                               |   |   |                  |

Material Statement

Material from 1st on Bill up to 2nd and Final Bill.

1. Chips: 345.67m<sup>3</sup>

2. Sand: 390.92m<sup>3</sup>

1/1 Build

b. Providing plain concrete

P.C.C. MIS in sub structure

as per drawing and spec

$$\text{Abut: } 1 \times 8.50 \times 1.75 \times 1.10 = 16.36 \text{ m}^3$$

$$1 \times 8.50 \times 1.75 \times 2.0 = 29.75 \text{ m}^3$$

$$\text{Pier: } 1 \times 8.50 \times 1.20 \times 1.10 = 11.22 \text{ m}^3$$

$$57.33 \text{ m}^3$$

~~21/5/20~~

~~Page~~

90

21.5.20

AD

IST on AlCBill

Name of Work: - Construction  
of R.C.C. Culvert of 2x6.0m  
Span in Ross to Garbaga  
Road under Dobhi Block under  
State Scheme.

Name of Agency: - Manish Singh  
at Amritnagar, Mulla Selamari  
District: Gonda.

## Sch. XLV-Form No. 134

| Particulars         | Details of actual measurement |      |      |      | Contents of area     |
|---------------------|-------------------------------|------|------|------|----------------------|
|                     | No.                           | L    | B.   | D.   |                      |
| (B) Cement Mortar:- |                               |      |      |      |                      |
| Abutment:-          | 2                             | 7.50 | 0.50 | 2.70 | 20.25 m <sup>3</sup> |
| Box:-               | 4                             | 7.50 | 0.25 | 2.70 | 20.25 m <sup>3</sup> |
| Wing Wall:-         | 4                             | 2.90 | 0.50 | 2.70 | 15.66 m <sup>3</sup> |
|                     |                               |      |      |      | 56.16 m <sup>3</sup> |

3. Earth work in excavation  
for foundation of structure  
upto 3m depth as per sp<sup>h</sup>.

|           |   |       |       |     |                       |
|-----------|---|-------|-------|-----|-----------------------|
| Abut:-    | 2 | 9.0m  | 3.91m | 2.0 | 140.76 m <sup>3</sup> |
| R/W:-     | 4 | 3.40m | 3.5   | 2.0 | 95.20 m <sup>3</sup>  |
| Pier:-    | 1 | 9.0   | 2.20  | 2.0 | 39.60 m <sup>3</sup>  |
|           |   |       |       |     | 275.56 m <sup>3</sup> |
| Unconfd:- |   |       |       |     | 203.96 m <sup>3</sup> |

4. Providing Plain Concrete

as per drawing and technical

sp<sup>h</sup>. M10 (1:3:6)

|        |   |      |      |      |                      |
|--------|---|------|------|------|----------------------|
| Abut:- | 2 | 8.70 | 3.75 | 0.20 | 13.05 m <sup>3</sup> |
| R/W:-  | 4 | 3.54 | 3.40 | 0.20 | 9.63 m <sup>3</sup>  |
| Pier:- | 1 | 8.70 | 2.0  | 0.30 | 5.22 m <sup>3</sup>  |
|        |   |      |      |      | 27.90 m <sup>3</sup> |

5. Providing plain Concrete

M15 nominal mix (1:2:5:5)

in foundation as per sp<sup>h</sup>.

|        |   |             |            |      |      |
|--------|---|-------------|------------|------|------|
| Abut:- | 2 | 8.70 + 8.50 | 3.0 + 1.75 | 1.80 | 20.2 |
|--------|---|-------------|------------|------|------|

12/12. Drainage Spent Compas

as per of 04cm by wide

Ref - 021 - 2 no

Q.S. 1036.08/each Rs. 2072:

13/13. Construction of

RCC railing of

M25 grade in Cast

Side with 20mm nominal

Size aggregate true

to line and grade

Tolerance of 40mm

railing as per drawing

Qty. 240/793