

MMGSY (Goon)

Shedule XLV Form No. 134.

Executive Engineer R. W. D. Woorla

DIVISION

Tekari

Assistant Engineer R. W. D. Woorla

SUB-DIVISION

Konch.

Measurement Book

794

M/s Arun Kumar.

2nd Running A/c Bill

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
NAME OF WORK- CONSTR ⁿ of road					
FROM KATHI TO RAJA					
- BIGHA under M.M.G.S. Scheme					
NAME OF Agency- M/s ARUN KUMAR					
Agreement No:- 02/SB/D/M.M.G.S.(G)/2020-21					
Date of Work start:- 28.04.2020					
Date of completion:- 27.04.2021					
Date of Measurement:- 24/12/2020					
Work done					

① Dismantling of existing structure like culvert, bridge... etc

(A) Cement concrete: $1 \times 4.00 \times 5.00 \times 0.30 = 3.00 \text{ M}^3$

(B) Reinforced Cement concrete -

$$1 \times 4.50 \times 5.00 \times 0.300 = 6.75 \text{ M}^3$$

$$2 \times 4.50 \times 0.30 \times 0.30 = 0.81 \text{ M}^3$$

$$\underline{7.56 \text{ M}^3}$$

② Dismantling of existing structure like culvert... etc

(A) Cement mortar (stone & brick masonry) -

$$3 \times 5.00 \times 0.825 \times 0.300 = 37.13 \text{ M}^3$$

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

③ Laying concrete

Permenjodan
pura

5.210	=	50.84
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H. P. Cuyler (1800-1870)

⑦ P/O in encystation of

found of stratum as fossils

Facebook 826 307 1.40 21.50 = 86.46M

$\frac{1 \times 5.9 + 1.5 \times 0.80}{2} = 7.08$

for fin (5 No) character

05.03.54	167.707
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(5) providing concrete for piling

reformed constitution

Page 1000

$$8 \times 6.30 \times 1.4 \times 0.15 = 10.65 \text{ N}$$

for SNO culture:-

13.54	—	0578.65
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⑨ 0/L concrete formwork/

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Page 1001 in Journal

Below price 2 5.92 1.5 26.5 21 8.81

7-18-81

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For 05 NO culvert					
= 0.5 x 18.8					94.10 m ³
(7) P/L reinforced cement concrete in substructure complete - as per specn					
Face wall	2 x 6 x 0.533 x 1.8 =				11.52 m ³
	2 x 6 x 0.400 x 0.6 =				2.88 m ³
Deduct pipe portion	2 x $\frac{3.14}{4} \times (1.2)^2 \times 0.6 =$				1.36 m ³
					13.04 m ³
For 05 NO culvert					65.20 m ³
(8) P/L 1ST Mark cement concrete (M15) H.P. - as per specn (1000 Mm dia)					
3 x 2.5					7.5 m ³
For five (05) NO culverts					37.5 m ³
(9) Filling in form trenches as per specn					
Face wall	2 x 6 x 0.405 =				4.86
Around pipe	1 x 6.30 x 1.5 x 0.90 =				8.51 m ³
Deduct pipe	1 x 6.30 x 0.91 =				5.73 m ³
					7.64 m ³
For 05 NO culvert					
05 x 7.64					38.20 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) CONSTATN of granular sub-base - - after specm.					
10M ² x 30M ² x 4.05 x 0.200					243.00 M ³
10M ² x 30M ² x 4.05 x 0.200					243.00 M ³
06 x 30M ² x 4.05 x 0.200					145.80 M ³
1 x 20M ² x 4.05 x 0.200					16.20 M ³
1 x 9M ² x 4.05 x 0.200					7.29 M ³
					655.29 M ³
Subtotal					
10/1/21					
16/1/21					

ABSTRACT OF COST

(11)	CONSTATN of Benchmark & reference - - Qty vide p-				
(1)	(1) item (1) 2.0901 CM				
	(2) Rs 6081.45/CM - Rs 12710.40				
(11)(ii)	CONSTATN of Reference pillar - - after specm				
2	Qty vide p- (1) item				
	(1)(ii) - 2.0901 CM @				
	Rs 4814.73/CM - Rs 10063.40				
					Rs 22,773

Continuation

$$B/F = 22,773 = 9$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/3) cleaning and grubbing road land - City side					
p - (1) item (2) 1.46 Hrs					
(2) Rs 49530.51/Hrs					Rs 72315 =
(3CA) $\frac{1}{7}$ constn of embankment with Madenia - City side					
p - (5) item (3) (M)					
2380 = 28 M @ Rs					
(for 1000 M lead)					
139.74				Rs	332620 =
(3B) $\frac{1}{6}$ constn of embankment (for 1000 M lead) with Madenia - City side					
p - (5) item (3) (B) - 1020.12					
(2) Rs 181 = 87/M ³ - Rs					185529 =
(4/8) constn of sub grade & earthen shoulder - City side					
p - (5) item (4) 4091.82 M ³					
(2) Rs 183.51/M ³ - Rs					750890 =
				Rs	1,364127 =

Continuation

24/10/21
10/1/21

$$B/F = 1,364,127 = 0$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/9) CONN of granular subbase with and w...					
Qty vid p - (5) ider (5) 857.45					
" P - (11) Hcr (10) 655.29 M3					
					1529.04 M3
(2) RS 1845.89/M3 - RS 2811364					
					2322440
(6/24)(B) Dismantling of existing structure --- as per spec'n					
Qty vid p - (8) Hcr (1) (A)					
3.00 M3 @ RS 470.55/M3					1412200
(7/24)(C) Dismantling of existing structure --- as per spec'n					
Qty vid p - (8) ider (1) (B)					
7.56 M3 @ RS 1143.71/M3					
					RS 8646200
(8/25) Dismantling of existing structure --- as per spec'n					
Qty vid p - (8) ider (2) (A)					
37.13 M3 @ RS 340.24/M3					
					RS 1263400
					RS 4198183
					4209259

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{9}{40}$ Laying cement concrete (M20) - - 0.1% voids (9) Item (3) 50.1 RM @ Rs 742.89/RM - - Rs 37145 =					
$\frac{10}{26}$ B/W in encasement for structure - - 0.1% voids p - (9) Item (4) - 167.70 @ Rs 285.17/M ³ - Rs 47823/					
$\frac{11}{24}$ providing concrete for plain reinforced - - 0.1% voids (9) Item - (5) 13.25 M ³ @ Rs 4814.19/M ³ - Rs 63788 =					
$\frac{12}{28}$ p/L concrete for plain reinforced - - 0.1% voids 0.1% voids (10) Item (6) 94.10 M ³ @ Rs 4724.83 - Rs 444607 =					
$\frac{13}{31}$ p/L reinforced cement concrete in substructure - - 0.1% voids p - (10) Item (7) 65.20 M ³ @ Rs 4919.41/M ³ - Rs 320746 =					
					Rs 5112292/

Continuation

5123368 =

B/F = 5,11,2292 = 00

5123368 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14 139					
P/L DSE MARK cement concrete (M.P.3) (For 1000 m ²)					
Qty vide p. (10) item (8)					
37.50 m ² @ Rs 3660.48					
					Rs 137268/00
15 41					
Filling in found tracks					
Qty vide p. (10) item (9)					
38.20 m ² @ Rs 555.50/m ²					
					Rs 21220.200
					Rs 5270,780/00
					5281856 =
B/F.					Rs 5270780 = 00
Less 0.55% below as per agreement					29050 =
					Rs (-) 28,989 = 00
					Rs 5241791 = 00
					5252806 =
Less previous payment vide TMB-P (7)					Rs (-) 2064710/00
					Rs 3177,081/00
					3188096 =
Sushant D 10/11/21					
J. P. 16/11/21					
C. P. 18/11/21					

Continuation