

Part - II

MIMUSY NRB

BLOCK - आमसुनगर

Schedule XLV-Form No. 134

Const of Road from - Imammagar Boudh
to Shiv Mandir Tolga (MIMUSY NRB)

Agreement NO - 16/SBD/2023-24

DIVISION

Agreement Value - 1,37,43,177 = 00

SUB-DIVISION

Arum Kumar Choudhary

MEASUREMENT BOOK

850

29/11/23

प्रमाणित किया जाता है कि इस
मापी पुस्त में कुल - 100 पन्नों अंकित
हैं जिसे सहायक अभियन्ता श्री अरविन्द
कुमार दास आषाढ नगर के नाम से
जमाते किया जाता है

29/11/23
Executive Engineer
W.D. Works Division
Manihari, Katihar

29/11/23

Is for A/c bill

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.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- construction of					
Road from Gauripur to					
Gauripur Deogaon Railway					
Dhala Imamnagar Road					
To shiv mandir Tola					
Agency:- Arun Kumar Choudhary					
Agreement No:- 165BD/2023-24					
Date of commencement:- 29/11/2023					
Date of completion:- 28/11/2024					
Record measurement					
Box culvert = 4 cell (5m x 5m)					
① Earth work in					
excavation for foundn					
— E.T.					
Raff:- $1 \times 23.20 \times 6.00 \times 0.80 = 111.36 m^3$					
C/W:- $2 \times 23.20 \times 1.30 \times 1.80 = 108.58 "$					
R/W:- $4 \times 3.40 \times 3.88 \times 1.80 = 94.98 "$					
Qty = 314.92					
② P/L PCC 1:5 as					
levelling course — E.T.					
Raff:- $1 \times 22.20 \times 6.00 \times 0.10 = 13.32 m^3$					
R/W:- $4 \times 3.40 \times 2.88 \times 0.20 = 7.83 "$					
Qty = 21.15 m					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) 40 S/F/P HYSD bar					
reinforcement — E.I.					
Cut-off-Dall					
Ring-100- 2x149x3.80m @ 0.62kg/m					702.09 kg
Sinder-120- 2x2x11x22.12m @ 0.89kg/m					866.22 "
				Qty =	1568.31 kg
					= 1.568 M.T.
(4) 33 D/W PCC M20 in					
Foundn — E.I.					
Cut-off-Dall:-					
2x 22.20x0.300x1.50 =					19.98 M ³
D/W:- 4x3.00x $\frac{2.475+1.775}{2}$ x 1.60 =					40.80 "
				Qty =	60.78 M ³
(5) 40 S/F/P HYSD bar					
reinforcement in/s					
— E.I.					
Raft					
Top & Bottom					
160- 2x48x22.52m @ 1.58kg/m					3415.83 kg
Distn					
120- 2x176x6.32m @ 0.89kg/m					1979.93 "
Outer wall					
160- 2x41x8.80m @ 1.58kg/m					1140.13 "
Inner wall					
160- 2x41x7.00m @ 1.58kg/m					906.92 "
Distn					
120- 2x2x34x5.92m @ 0.89kg/m					716.56 "
Intermediate wall					
160- 3x41x16.40m @ 1.58kg/m					3187.18 "
Distn					
120- 3x2x34x5.92m @ 0.89kg/m					1074.84 "
Curtail					
160- 3x40x2.50m @ 1.58kg/m					474.00 "
160- 2x40x3.00m @ 1.58kg/m					379.20 "
120- 2x40x3.00m @ 0.89kg/m					213.60 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Measurement</u>					
① 40 S/F 1P HYS D bar					
reinforcement in					
super structure — S.I.					
slab					
Top & bottom					
160 — 2 x 54 x 22.52 m @ 1.58 kg/m =					3842.81 kg
<u>Distn</u>					
120 — 2 x 18.5 x 6.32 m @ 0.89 kg/m =					2081.18 "
<u>chair</u>					
160 — 163 x 2.50 m @ 1.58 kg/m =					643.85 "
<u>curtail</u>					
160 — 3 x 43 x 3.50 m @ 1.58 kg/m =					713.37 "
					Qty = 7281.21 kg
					= 7.28 MT. (A)
<u>Kerb</u>					
<u>Ring</u>					
120 — 2 x 148 x 1.90 m @ 0.395 kg/m =					222.15 kg
<u>Binder</u>					
120 — 2 x 6 x 22.18 m @ 0.89 kg/m =					236.88 kg
					Qty = 459.03 kg
					= 0.459 MT. (B)
(A) + (B) = (7.281 + 0.459) MT =					7.74 MT.
② 39 p/c & laying RCC 125					
in super structure					
— S.I.					
slab: 1 x 22.20 x 6.00 x 0.40 =					53.28 m ³
thrust: 16 x 6.00 x $\frac{1}{2}$ x 0.20 x 0.20 =					1.92 "
kerb: 2 x 22.20 x 0.25 x 0.30 =					3.33 "
					Qty = 58.53 m ³
③ 42 p/c drainage spout					
complete — S.I.					

Continuation

1 x 10.00 MT = 10.00 MT

16/3/24

16/3/24

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 31 Earth work in excavation for found- —E.I.					
314.92 m ³ D.V.T. MBP-① Limit to 314.80 m ³					
@ 427.09/m ³ — Rs.					134448.00
② 32 Pls RCC M15 in levelling course—E.I.					
21.15 m ³ D.V.T. MBP-①					
@ 7638.03/m ³ — Rs.					161544.00
③ 33 Pls RCC M20 in Found—E.I.					
60.78 m ³ D.V.T. MBP-②					
@ 8362.13/m ³ — Rs.					508250.00
④ 34 Pls RCC M25 in S/S —E.I.					
119.28 m ³ D.V.T. MBP-③					
@ 9987.22/m ³ — Rs.					1191276.00
⑤ 35 Pls RCC M20 in Found —E.I.					
59.839 m ³ D.V.T. MBP-③					
@ 8894.22/m ³ — Rs.					532221.00
⑥ 36 Pls deep holes—E.M.					
54.00 m ³ D.V.T. MBP-③					
@ 237.22/m ³ — Rs.					12593.00
⑦ 39 Pls RCC M25 in super structure—E.I.					

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statement					
① 40mm =	53.57 m ²	992.23 m ²	53154.0		
② 20mm =	144.52 m ²	1207.66 m ²	174531.0		
③ 10mm =	87.41 m ²	595.06 m ²	52014.0		
④ C.Sand =	144.44 m ²	1502.70 m ²	78609.0		
		18.	352308.0		
		10 y 5. fee	35231.0		