

③ Lal Godargama to Main Road
MR-11/19-20/Begusari/11
1995
NMP-2018 MR-3054

Measurement Book

Schedule XLV-Form No. 134

BEGUSARA I

DIVISION

MATIHANI

SUB-DIVISION

Agency → Sri Navin Prasad Singh

1

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of road from Lal Godargama to Main road.					
Agency - Sri Navin Prasad Singh					
Agreement No - 06 MBD / NMP - 2018					
Date of Commencement - 31.08.21					
Date of Completion - 30.08.22					

Date of Measurement —			
<u>Measurement</u>			
(1/1)	clearing and grubbing of Road land all Complete job		
$2 \times 53 \times 30.0 \times 1.0 = 3180.0$			
$2 \times 10.0 \times 1.0 = 20.0$			
3200.0			
$= 0.320 \text{ Heef}$			
(2/2)	EXCAVATION in road ways for Box Cutting		
$2 \times 53 \times 30.0 \times 0.375 \times 0.325 = 387.562$			
$2 \times 10.0 \times 0.375 \times 0.325 = 2.437$			
389.999			

Continuation

23

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/3)	Construction of				
	Earthen Shoulder				
	with approved material				
	all complete JRS.				
	30	2	50	1.0 (av.)	$\times 0.30 \text{ (av.)} = 900.0$
	2	3	30.0	1.0 (av.)	$\times 0.30 = 54.0$
	2	10.0	1.0 (av.)	$\times 0.30 \text{ (av.)} = 6.0$	
					960.0
					960.0
					M3
(4/4)	Construction of S-S				
	with stone masonry				

	grading & all				
	Complete JRS as per				
	Specification & D.R. 2000				
	of 12.				
	2	53	30.0	$\times 0.375 \times 0.175 =$	208.687
	2	10.0	$\times 0.375 \times 0.175 =$	1.312	
	1	5.80	$\times 1.38 \times 0.150 =$	1.200	
	1	4.01	$\times 1.43 \times 0.150 =$	0.860	
	1	8.66	$\times 1.33 \times 0.150 =$	1.730	
	1	9.21	$\times 1.23 \times 0.150 =$	1.700	
	1	9.23	$\times 1.13 \times 0.150 =$	1.560	
	1	4.60	$\times 1.03 \times 0.150 =$	0.710	
	1	9.6	$\times 1.23 \times 0.150 =$	1.770	

219.529

Continuation

M3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					219.528 M ³
	1	11.16	1.13	0.150	= 1.890
	1	7.40	1.03	0.150	= 1.140
	1	10.38	0.93	0.150	= 1.450
	1	4.70	0.83	0.150	= 0.590
	1	11.06	1.68	0.150	= 2.790
	1	3.80	1.98	0.150	= 11.30
	1	8.56	1.78	0.150	= 2.290
	1	7.76	1.78	0.150	= 2.490
	1	9.31	1.78	0.150	= 2.490
	1	3.11	1.68	0.150	= 0.780
	1	9.81	1.58	0.150	= 2.320

	1	2.57	1.48	0.150	= 0.570
	1	10.51	1.28	0.150	= 2.020
	1	3.21	1.18	0.150	= 0.820
	1	7.21	1.63	0.150	= 1.760
	1	10.26	1.53	0.150	= 2.350
	1	8.16	1.43	0.150	= 1.750
	1	6.76	1.48	0.150	= 1.500
	1	6.30	1.38	0.150	= 1.30
	1	11.46	1.28	0.150	= 0.610
	1	3.46	1.28	0.150	= 0.630
	1	3.28	1.28	0.150	= 0.630
	1	12.41	1.18	0.150	= 2.20
	1	5.80	0.98	0.150	= 0.850

47.37 M³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					47.3743
					0.486
	1	3.61	0.88	0.150	0.850
	1	5.27	1.08	0.150	0.850
	1	11.76	1.03	0.150	1.820
	1	9.66	0.93	0.150	0.660
	1	5.31	0.83	0.150	0.660
	1	4.11	1.03	0.150	0.630
	1	6.36	0.88	0.150	0.840
					54.043
				+	209.999
					264.0
					M3

(5/5)	Construction of extra				
	GTD with 8" pipe				
	Size of aggregate				
	all Complete RT.				
	53	30.0	0.375	0.075	44.718
	53	30.0	0.375	0.075	44.718
	1	11.20	1.17	0.075	0.980
	1	10.42	0.97	0.075	0.660
	1	4.74	0.87	0.075	0.310
	1	11.10	1.72	0.075	1.430
	1	3.84	2.02	0.075	0.580
	1	8.60	1.82	0.075	1.170
	1	7.80	1.62	0.075	0.950
					94.916 M3

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					94.916 M ³
					1x 9.35 x 1.82 x 0.075 = 1.280
					1x 3.15 x 1.72 x 0.075 = 0.410
					1.280
					1x 9.85 x 1.62 x 0.075 = 1.200
					1x 2.61 x 1.52 x 0.075 = 0.306
					1x 10.55 x 1.32 x 0.075 = 1.040
					1x 7.21 x 1.22 x 0.075 = 0.660
					1x 4.15 x 1.37 x 0.075 = 0.430
					1x 7.25 x 1.67 x 0.075 = 0.910
					1x 10.30 x 1.57 x 0.075 = 1.210
					1x 8.20 x 1.47 x 0.075 = 0.900

					137.25
					M ³
(6/6)	Construction of masonry				
	with Stone masonry				
	Gr III				
					2x 53 x 30.0 x 0.375 x 0.075 = 89.437
					2x 10.0 x 0.375 x 0.075 = 0.562
					89.999
					1x 5.60 x 1.42 x 0.075 = 0.600
					1x 6.35 x 1.36 x 0.075 = 0.650
					1x 9.26 x 1.28 x 0.075 = 0.890
					1x 9.30 x 2.0 x 0.075 = 1.395
					1x 12.0 x 3.05 x 0.075 = 2.745
					1x 30.0 x 3.05 x 0.075 = 6.862

Continuation

163.141
M³

Letter to 137.25-M3

154.13 m
say ~~137.25~~ m3

(7/7) Periodic and aperiodic

Primer Coat is 15

Bitumen emulsi SSP

all Control ek jst.

$$2 \times 53 \times 30.0 \times 0.375 = 1192.50$$

$$\frac{\text{Qty of Bot Heas}}{0.075} = 855.0$$

$$2 \times 10.0 \times 0.375 = 7.50$$

2055.0

M2

(8/5)	Dr. H. J. T. Lee
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also from Pot. Meas (B.T) = 855 ✓

14) from C.C. Payment = 285.6

1140. b

M

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/9) Providing and laying Patchwork 20 mm Breach Carpet over top movement all complete J.R. of grade from 8/8 T.M.B on page 6 - 1140.0 M ²					
(10/10) Providing and applying Tall Coat with Bitumen emulsion SSI and C.M.C J.R.					

$$1 \times 7.0 \times 3.0 = 21.0$$

$$1 \times 9.0 \times 4.70 + 3.75 = 38.025$$

$$52 \times 30.0 \times 3.75 = 5850.0$$

$$1 \times 30.0 \times 3.75 = 112.50$$

$$1 \times 10.0 \times 4.10 = 41.0$$

$$6062.525$$

Limit to 6060.0 M²

(14/11) Providing and Laying

Semi clear Bitumen

Concrete

$$1 \times 53 \times 30.0 \times 3.75 = 150.0$$

$$1 \times 10 \times 4.10 \times 0.025 = 1.025$$

$$150.085$$

M³

(2/21) Planting of trees
80.0 N₄ C

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/12)	Fixing of 200mm				3 Ms
(13/13)	Fixing of 200mm				6 Ms
(14/14)	Fixing of 200mm				
	Identifying Bar				1.92 Ms
(15/15)	Fixing of 200mm				
	Identifying Bar				1810 Ms
(16/16)	Fixing of 200mm				
	Identifying Bar				4 Ms
(17/17)	Fixing of 200mm				
	Identifying Bar				8 Ms
(19)	Laying of road				40 Ms
	Stop				

(20/20)	Laying of 200mm				
	Stop				1
					$40 \times 0.100 \times 0.300 = 12.00$
(21/21)	Road making				
	with 1st Thompson				
	Comp				
					$2 \times 53 \times 30.0 \times 0.100 = 318.0$
					$2 \times 10.0 \times 0.100 = 2.0$
					320.0
	Pedestrian				$2 \times 4 \times 0.500 = 4.0$
					112
(22/22)	Fixing of 200mm				
	Maintenance				4 Ms

04.5.22
 J.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/1) clearing and grubbing					
0.320 sq yd wide T.M. B side 1/1					
					@ 49496.70 / 100 sq yd 15839.00
(2/2) Excavation in road					
389.998 sq yd wide T.M. B side 2/2					
					@ 74.10 / 100 sq yd 28899.00
(3/3) Construction of					
Shoulder					
960.0 sq yd wide T.M. B side 3/3					
					@ 176.47 / 100 sq yd 1,69,411.00
(4/4) Construction of					
S.S. 3 with 8' 1/2 wide side					
264.0 sq yd wide T.M. B side 4/4					
					@ 1570.62 / 100 sq yd 4,14,644.00
(5/5) Construction of					
Gr II all 1/2 wide side					
1372.5 sq yd wide T.M. B side 5/5					
					@ 2788.55 / 100 sq yd 3,83,728.00
(6/6) Construction of					
Gr III					
154.13 sq yd wide T.M. B side 6/6					
					@ 2510.28 / 100 sq yd 3,86,909.00
(7/7) Applying Prime Coat SS					
2055.0 sq yd wide T.M. B side 7/7					
					@ 41.55 / 100 sq yd 85,385.00
					14,83,815.00
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				2.16.14, 83, 816.00	
(8/8) Applying Tack Coat					
1140.00 m ² @ 14.07/m ²				16,063.00	
(9/9) Applying 20mm Road					
Carpet area of 1000					
1140.00 m ² @ 184.15/m ²				209,731.00	
(10/10) Roading and chipping					
Tack Coat					
6000.00 m ² @ 14.07/m ²				84,420.00	

				85,385.00	
(11/11) Laying S.D. B.C					
151.025 m ² @ 874.18/m ²				13,246,885.00	
150.085					
(12/12) Fixing 20mm P.C.C					
3.0 Nos @ 1998.92/No				6,000.00	
(13/13) Fixing 20mm P.C.C					
6.0 Nos @ 580.92/No				3486.00	
(14/14) Fixing of S.D. B.C					
1.92 m ² @ 12171.71/m ²				23,370.00	
				31,87,638.00	

Continuation

31,74,939.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R 31,87,638.00
(15/15) Fixing of Caissony					
880 Board					
18.0 Nos side T.M. Dite 15/15 Ps					
@ R 3519.53/No					R 63,352.00
(16/16) Fixing of 600mm					
Circular Board					
4.0 Nos side T.M. Dite 16/16 Ps					
@ R 3618.00/No					R 14,476.00
(17/17) Fixing of 600x50					
mm Rectangular Board					
8.0 Nos side T.M. Dite 17/17 Ps					

					@ R 3489.76/No R 14,453.00
(18/18) Laying of road					27,918.00
Strip					
40.0 Nos side T.M. Dite 18/18 Ps					
@ R 218.63/No					R 8745.00
(19/19) Laying of 600x60					
mm square strip					
12.0 M ² side T.M. Dite 19/19 Ps					
@ R 735.40/M ²					R 8825.00
(20/20) Fixing of 600x60					
mm square strip					
16.0 Nos side T.M. Dite 20/20 Ps					
@ R 482.90/M ²					R 7726.00
(21/21) Road marking					
320.0 M ² side T.M. Dite 21/21 Ps					
@ R 735.40/M ²					R 2,35,328.00

Continuation

7th April 2022 03.06.2022
 Rs- 4131536.00

62/29 Planting A tree

80 N. side T.M. Site 29/21 P7

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Sch. XLV-Form No. 184 37 each P 64024.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B 35.40	543.00
(22/24) Paving of Logo					
Maintenance Bond					
4 N. side T.M. Site 29/21 P8					
				B 88.13	28/NO 8 35,253.00
3640586	35	76	56	28	35,75,776.00
436870 Add 9.57 City				B 41,39,09	552.00
36906 Add 4.85 City				B 35,75	9.00
41,13	40	41	57	5	41,31,536.00
1862					
Aluminum					
04.5.22					
04.5.22					

Material Statement

- (1) Earth - 960.0 M³ 31680
- (2) Local Sand - 29.105.6 M³ 7920
- (3) Stone Metl - 669.3 M³
- (4) Screip metal - 76.85 M³
- (5) Structure - 128.0 M³

Aluminum
04.5.22
04.5.22

$$R - 31680 + 7920 = 39600$$

$$S. Fee - 3168 + 32242 + 1506 = 918$$

$$+ 1866 = 39700$$

1800A/C

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment →					4113862=
1 S.D. 5% →					205693200
2 97 1% →					41139=00
3 L.P.S.S. 1% →					41139=
4 S.G.S.T. 1% →					41139=
5 C.G.S.T. 1% →					41139=
6 Royalty →					39600=
7 S. Tax →					39500=
8 Payment →					36643132
P.S.S.P. For Rs-41138622					
Furnish one Lakh Thirteen Thousand					
and Six Hundred					

only

16/6/22

Executive Engineer
R.W.D Work's Division
Begusarai

16/6/22

16-06-22