

N/W- PIPRAWA to SARAI

Schedule XLV-Form No. 134

Plaintiff

DIVISION

Naubatpur

SUB-DIVISION

Ag No - 12/MBD/MR-3054 New main Policy - 2018/23-24

MEASUREMENT BOOK

757

219995 - 33999 33112

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd and final bill for Repairs					
Name of work - Repair and five year maintenance of road from Piplawan to Serani under MR 3054 new maintenance Policy 2018.					
Name of Contractor - Shri Mukund umar, Vill - Dong, PS - Piplawan Vambatpur Patna.					
Agreement No - 12 MRD/MR-3054 new maint. Policy 2018 / 2023-24					
Date of Commencement - 15-03-2024					
Date of Completion - 14-06-2024					
Date of Endy - 25-06-2024					
Work Done					
① Const. of Plain/Reinforced Cement Concrete pcc m20 in Super structure in -					
in					
Carpet					
2 Nos x 8.0m x 0.4m x 0.6m = 3.84m ³					
② Painting two coats including Primer Coat after G/G by the Surface in -					
Roe slab culvert (2x1.5m)					
Side 4 Nos x 8.0m x 0.6m = 19.20m ²					
Top 2 Nos x 8.0m x 0.4m = 6.40					
End 4 Nos x 0.4m x 0.6m = 0.96					
Bottom dia 4 Nos					
Top 2 x 3.6m x 0.4m = 2.88					
End 4 Nos x 0.4m x 0.6m = 0.96					
Inner 2 Nos x 3.6m x 0.6m = 4.32					
Continuation					
Total 34.72m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ P.V. 30mm dia 10c					
2 x 3m x 2.50m					= 15.0m
④ Construction of panel concrete					
Concrete 15cm 30					
CH-020 30					
1.40 x 30.00 x (4.40 + 3.75)					
			2 x 0.125		15.281m ³
1.40 x 30.00 x 3.75 x 0.125					= 14.062
				total	1.218m ³
⑤ P.V. & lining boundary pillar					
1 x 32cm					
2 x 32cm					
⑥ Plantation of trees and					
their maintenance for one					
year					
1 x 37cm					= 37cm
⑦ Supplying, fitting and placing					
MSD/TMT bar reinforcement					
Drain cover					
12mm dia long bar (Main bar)					
115 cm x 7 x 0.80 m					= 644m
12mm dia distribution bar					
115 cm x 7cm x 0.750 m					= 603.75 m
for hook					
115 cm x 1 x 0.386 m					= 44.39 m
					total = 1292.14 m
⑧ 0.85681 m					

Continuation

1150.55g
or 1.1505m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Providing Rce Mats-Rce					
Cover Slabs					
115 Nos $1.0 \times 0.950 \times 0.150 = 16.387m^3$					
⑨ Construction of Subgrade					
Granular					
$1 \times 8.40 \times 20.00 \times 0.750 \times 0.30 = 54.0m^3$					
⑩ Estimating of Reinforced Concrete					
Plain cement concrete					
$1 \times 2.00 \times 5.00 \times 0.150 = 1.50m^3$					
Rce					
$1 \times 2 \times 5.00 \times 0.30 = 3.00$					
Brick Masonry					
$2 \times 5.00 \times (1.25 \times 0.40) \times 3.50 = 28.88m^3$					
					23.38m ³

ABSTRACT OF COST

① Cleaning and Grubbing					
by side T.M.B.P. (16) 0.27 Hec					
@ 76926.08/Hec					20770.00
② Consty of Subgrade					
by side T.M.B.P. (16) 729.0m ³					
@ 271.63/m ³					198018.20
by side T.M.B.P. (23) 54.0m ³					
@ 271.63/m ³					14668.20
③ Excavation for road works					
by side T.M.B.P. (16) 194.812m ³					
@ 103.15/m ³					20095.20
④ Consty of G.S.B. Grd					
by side T.M.B.P. (16) 173.225m ³					
@ 2950.14/m ³					507774.20
Continuation					
					761325.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ P/V WBM Gr-12	—	—	—	—	—
Qty in de T.M.B.P. (16)	—	39.375m ³	—	—	—
	—	@ 4685.35/m ³	—	—	18448620
⑥ P/V WBM Gr-12	—	—	—	—	—
Qty in de T.M.B.P. (16)	—	153.97m ³	—	—	—
	—	@ 4576.37/m ³	—	—	7077030
P/V Primer Coat (R-1)	—	—	—	—	—
Qty in de T.M.B.P. (16)	—	1432.50m ²	—	—	—
	—	@ 57.10/m ²	—	—	8179620
P/V Pavement Coat (R-1)	—	—	—	—	—
Qty in de T.M.B.P. (16)	—	4120.80m ²	—	—	—
	—	@ 19.43/m ²	—	—	8006120
⑦ P/V Sand	—	—	—	—	—
Qty in de T.M.B.P. (16)	—	103.012m ³	—	—	—
	—	@ 12910.08/m ³	—	—	13278930
⑧ Const of B.C.	—	—	—	—	—
Qty in de T.M.B.P. (17)	—	0.984m ³	—	—	—
	—	@ 4244.24/m ³	—	—	417620
⑨ Const of Pavement concrete Road	—	—	—	—	—
Qty in de T.M.B.P. (17)	—	2.02	—	—	—
	—	(117.187m ³ + 1.218m ³) = 118.405m ³	—	—	—
	—	118.36m ³	—	—	—
	—	@ 8481.83/m ³	—	—	10039100
⑩ P/V kerb stone	—	—	—	—	—
Qty in de T.M.B.P. (17)	—	01.40	—	—	—
	—	@ 2821.72/each	—	—	282220
⑪ P/V 200mm stone	—	—	—	—	—
Qty in de T.M.B.P. (17)	—	06.40	—	—	—
	—	@ 797.57/each	—	—	478500

Continuation @ 41,60,9570

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14) P/V 60mm equilateral triangle					
by side T.M.B.P. (17) 0.710					
@ 4540.88/each					3178620
15) P/V 60mm circular					
by side T.M.B.P. (17) 0.610					
@ 595976.37/each					358582
16) P/V 60mm x 450mm rectangular					
by side T.M.B.P. (17) 0.310					
@ 5829.43/each					1748820
17) P/V Boundary pillar					
by side T.M.B.P. (22) 320/01					
@ 659.49/each					2110420
18) Plantation of trees					
by side T.M.B.P. (22) 37/01					
@ 1305.10/each					4828920
19) P/V road marking on BT					
by side T.M.B.P. (17) 216.60m ²					
@ 886.50/m ²					19201620
20) P/V road marking on CE					
by side T.M.B.P. (17) 50.00m ²					
@ 995.39/m ²					4977020
21) Logo of Municipality					
by side T.M.B.P. (18) 0.310					
@ 11005.82/each					3301720
22) C/W in excavation					
by side T.M.B.P. (18) 288.46m ³					
@ 405.83/m ³					11706620
23) P/V PCE M/S in formation					
by side T.M.B.P. (18) 150.217m ³					
@ 645.43/m ³					6419622
Continuation					
Total					53,49,3142

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24) P.V. R.C.C. HP. 600mm HP. ch					
Qty. in de T.M.B.P. (18) 7.50m					
@ 2995.37/m					22465 cu
25) P.V. 300mm dia HP. ch					
Qty. in de T.M.B.P. (22) 15.0m					
@ 830.38/m					12456 cu
26) Painting two Coats ch					
Qty. in de T.M.B.P. (24) 34.72m ²					
@ 139.14/m ²					4832 cu
27) Sand filling in Foundation ch					
Qty. in de T.M.B.P. (18) 23.10m ³					
@ 578.66/m ³					13367 cu
28) P.V. R.C.C. m ²⁰ ch					
Qty. in de T.M.B.P. (18) 1.21					
=(111.473m ³ + 3.84m ³)					
= 115.313m ³ @ 7309.95/m ³					842910 cu
29) P.V. R.C.C. m ²⁵ in Decks slab ch					
Qty. in de T.M.B.P. (19) 4.608m ²					
Qty. in de T.M.B.P. (25) 14.382m ²					
W.L. 20.71m ² @ 8510.56/m ²					176254 cu
30) R.F. HYSD bar ch					
Qty. in de T.M.B.P. (19) 0.762m ²					
2.12m ² 1.15					
1.91m ² @ 75325.55/m ²					57399 cu
31) P.V. R.C.C. 70mm ch					
Qty. in de T.M.B.P. (19) 15.00m					
@ 55.99/m					840 cu
32) P.V. weep holes ch					
Qty. in de T.M.B.P. (19) 28m ²					
@ 143.72/cach					4024 cu
					65,70,330 cu

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(33) Dimension of existing abutment					
55.36.37					
Qty of concrete (33)			1.50m ³		
P-23			3.00		
P-23			28.88		
Qty of concrete			39.38m ³		
CD 585.72/m ³					19551.20
					65,89,881.20
Add. 18% GST					11,86,179.20
Sub. 1% L. Cont					65,899.20
Add. S. Fee in T.M.B.P. 1%					89,181.20
				P-23	3079.20
					79,34,219.20
Less 0.15% before cost					11,901.20
					79,22,318.20
Less Previous bill payment					74,64,863.20
					4,57,455.20
Material statement for sheet 15/1					
(1) Earth - 54.0m ³			35.25/m ³		1904.20
(2) Stone Bss. 4mm - 19.30m ³					
			1207.76/m ³		23309.20
(3) coarse sand - 9.65m ³					
			577.80/m ³		5576.20
					30789.20
Seigniorage fee @ 157.80					
Material Cost					3079.20

Continuation