

19

Measurement Book

Bahadurganj

No. **R. 176 / 2021-22**

Name of Road - Bhattabani Baisa
road via Mahesh Bathna Bazar,

Division - Kishanganj -

Block - Bahadurganj

FOR - 2021 - 22

Certified that this MB Counted
(25) Twenty Five Machined
Number Pages and issued to

Sri...Ramany Kumar...

.....AE RWD Sub-Division

Bahadurganj

1.38
Executive Engineer
RWD Works Division
Kishanganj-1
2/27/21

Sch. XLV—Form No. 134

Kishanganj-1 DIVISION

Bahadurganj SUB-DIVISION

This MB is Reissued to JE
Bahadurganj

R
27/8/21
AE

MEASUREMENT BOOK

No.

R...176.../2021-22

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2X75X 5.00 =					750.00 M
2X75X 5.00 =					750.00 M
2X75X 5.00 =					750.00 M
			Total:-		6665.00 M

② Supplying, fitting & fixing 62mm to 62mm dia bamboo runners in position at ---

1X2X14.00 =					28.00 M
1X2X30.00 =					60.00 M
1X2X17.00 =					34.00 M
1X2X11.00 =					22.00 M
2X2X12.00 =					48.00 M
1X2X10.00 =					20.00 M
2X2X30.00 =					120.00 M

2X2X20.00 =					120.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
2X3X30.00 =					180.00 M
			Total:-		1532.00 M

③ Filling & spreading local sand over brick bats as per drawing & technical ---

1X1X14.00X0.90X0.30 =					3.78 M ³
1X1X30.00X1.00X0.30 =					9.00 M ³
1X1X17.00X1.20X0.30 =					6.12 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1X1X14.00X		1.30	X 1.10	=	20.02 M ³
1X1X30.00X		1.50	X 3.00	=	135.00 M ³
1X1X12.00X		1.30	X 2.00	=	91.80 M ³
1X1X11.00X		(3.5 + 2.0) 2	X 3.00	=	90.75 M ³
1X2X12.00X		1.00	X 2.00	=	48.00 M ³
1X1X20.00X		1.20	X 2.00	=	24.00 M ³
1X1X30.00X		5.60	X 1.80	=	270.00 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
1X1X30.00X		(1.2 + 3.0) 2	X 2.10	=	132.30 M ³
Deduct Pipe area					
1X3X5.00X		1.0	X 1.23	=	15.82 M ³
Total					1587.85 M ³

④ Providing laying & spreading
brick bats in road ditches all
complete as per ---

1X1X14.00X		0.90	X 0.30	=	3.78 M ³
1X1X30.00X		1.00	X 0.30	=	9.00 M ³
1X1X12.00X		1.20	X 0.30	=	6.12 M ³
1X1X11.00X		1.00	X 0.30	=	2.30 M ³
1X2X12.00X		0.90	X 0.30	=	6.48 M ³
1X1X10.00X		1.20	X 0.30	=	3.60 M ³
1X2X30.00X		4.00	X 0.45	=	108.00 M ³
1X1X30.00X		1.50	X 0.45	=	20.25 M ³
1X1X30.00X		1.50	X 0.45	=	20.25 M ³
1X1X30.00X		1.50	X 0.45	=	20.25 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1X1X30.00X1.50X0.45=					20.25 M ³
1X1X30.00X1.50X0.45=					20.25 M ³
1X1X30.00X1.50X0.45=					20.25 M ³
1X1X30.00X1.50X0.45=					20.25 M ³
					Total 1.282.03 M ³

⑤ supply of New bag & No bag labour for filling New bag with local sand - - -					
2X210=				420.00	Nos
1X180=				180.00	Nos
				Total-	600.00 Nos

⑥ Supply of New bag with labour for filling New Bag

with local sand - - -					
1X1X14.00X0.90X1.40=					17.64 M ³
1X1X30.00X0.90X3.30=					89.10 M ³
1X1X17.00X0.90X3.30=					50.49 M ³
1X1X18.00X0.90X3.30=					32.67 M ³
1X2X12.00X0.90X2.30=					49.68 M ³
1X1X10.00X0.90X2.30=					20.70 M ³
1X2X30.00X0.90X2.55=					121.50 M ³
1X1X30.00X0.90X2.55=					68.85 M ³
1X1X30.00X0.90X2.55=					68.55 M ³
1X1X30.00X0.90X2.55=					68.55 M ³
1X1X30.00X0.90X2.55=					68.55 M ³
1X1X30.00X0.90X2.55=					68.55 M ³
1X1X30.00X0.90X2.55=					68.55 M ³
1X1X10.00X3.00X2.00=					60.00 M ³
Continuation					Total 923.73 M ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Supplying, filling & fixing 82MM to 75MM dia bamboo runners in position — — —					
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
2x4x30.00 =				240.00 M	
Total =					1440.00 M
③ Filling & spreading local sand over brick bats as per drawing — — —					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
④ Providing, laying & spreading brick bats in road ditches all complete — — —					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
$1 \times 1 \times 30.00 \times \left(\frac{3.0 + 5.0}{2} \right) \times 3.00 = 360.00 \text{ M}^3$					
Total =					2160.00 M ³
④ Providing, laying & spreading brick bats in road ditches all complete — — —					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
$1 \times 1 \times 30.00 \times 3.50 \times 0.30 = 31.50 \text{ M}^3$					
Continuation					
Total =					491.03 M ³ 189.00

Continuation

Total

477.03 M³
189.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
① Providing bamboo piles including labour for cutting of 62 MM to 75 MM dia bamboo piles					
8665.00 M (vide TMBP-02)					
5400.00 M (vide TMBP-05)					
12065.00 M					
@Rs-55.46 / M = Rs-					668401.00/-
② Supplying, fitting & fixing 62 MM to 75 MM dia bamboo runners in position					
1592.00 M (vide TMBP-02)					
1440.00 M (vide TMBP-06)					
3032.00 M					
@Rs-30.87 / M = Rs-					93598.00/-
③ Filling & spreading local sand over brick bats as per drawing & technical					
1587.85 M ³ (vide TMBP-03)					
2160.00 M ³ (vide TMBP-06)					
3747.85 M ³					
@Rs-514.43 / M ³ @Rs-					1928006.00/-
④ Providing laying spreading brick bats in road ditches all complete as per					
282.03 M ³ (vide TMBP-04)					
189.00 M ³ (vide TMBP-06)					
471.03 M ³					
@Rs-2168.72 / M ³ = Rs-					1021532.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Supply of New bag 7 N ^o with labour for filling New Ec bag with local sand — — —					
24210.600.00 Nos (vide TMBP-04)					
@RS- 1249.46/each = RS-					749676.00/-
⑥ Supply of New bag with labour for filling New Ec bag with local sand — — —					
27169.000 Nos (vide TMBP-05)					
14294.000 Nos (vide TMBP-07)					
41463.000 Nos					
@RS- 38.03/each = RS-					1576838.00/-
Total					6038051.00/-
Add 12% GST (H) RS=					724566.00/-

Add 1% L.C. (H) RS:-	60381.00/-
Add S. fee 10% on material cost calculation — —	
① Brick Bats:-	
565.236 M ³ @RS- 1050.00/M ³	
= RS- 593498.00/-	
② Local Sand:-	
5157.592 M ³ @RS- 141.85/M ³	
= RS- 731604.00/-	
Total M. cost:-	1325102.00/-
S. fee 10% on M. cost:-	132510.00/-
RS:-	6955508.00/-
12-11-021	