

Measurement Book

No. **R. 74/2021-22**

Name of Road - Shobpur Khari to/a

to Sahpur Aambari Road 2035

Division - Kishanganj

Block - Kochadhaman

FDR - 2021-22

Certified that this is a true and correct copy of the
(25) Tween and Machine
Number Pages and issued to

Sri. Kanchan Kumar

.....AE RWD Sub-Division

Kochadhaman

Executive Engineer
RWD Works Division
Kishanganj-1

30/2/24

Sch. XLV—Form No. 134

RWD (W) Kishanganj-1 DIVISION

(W) Kochadhaman SUB-DIVISION

Re issue to JE Rakesh

Kanchan Kumar
30/2/24
AE

MEASUREMENT BOOK

No.

R. 77/2021-22

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x60x2.50 =					150.00 M
1x22x2.50 =					55.00 M
1x100x2.50 =					250.00 M
1x20x2.50 =					50.00 M
				Total:-	2615.00 M
② Supplying, fitting & fixing					
62 MM to 45 MM dia bamboo					
summers in position at -					
2x2x30.00 =					120.00 M
2x2x29.00 =					116.00 M
2x2x20.00 =					80.00 M
2x2x50.00 =					120.00 M
1x2x30.00 =					60.00 M
1x2x30.00 =					60.00 M

1x2x24.00 =					96.00 M
1x2x30.00 =					60.00 M
1x2x30.00 =					60.00 M
1x2x30.00 =					60.00 M
1x2x30.00 =					60.00 M
1x2x11.00 =					22.00 M
1x2x50.00 =					100.00 M
1x2x10.00 =					20.00 M
				Total:-	1046.00 M

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

1x2x30.00x1.00x0.65 =					39.00 M ³
1x2x29.00x1.00x0.80 =					46.40 M ³
1x2x20.00x1.00x1.00 =					40.00 M ³
1x2x30.00x1.00x1.00 =					60.00 M ³
1x1x30.00x1.00x0.75 =					22.50 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x1x30.00x1.00x0.65=					19.50 M ³
1x1x6.00x1.00x0.60=					3.60 M ³
1x2x24.00x1.00x0.61=					29.28 M ³
1x1x30.00x0.80x0.55=					13.20 M ³
1x1x30.00x0.80x0.60=					14.40 M ³
1x1x30.00x1.00x0.60=					18.00 M ³
1x1x30.00x1.00x0.85=					25.50 M ³
1x1x11.00x1.00x0.86=					9.46 M ³
1x1x50.00x1.00x0.86=					45.00 M ³
1x1x10.00x1.00x0.80=					8.00 M ³
Total=					393.84 M ³

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

1x2x30.00x1.00x0.30=					18.00 M ³
1x2x29.00x1.00x0.30=					17.40 M ³
1x2x20.00x1.00x0.30=					12.00 M ³
1x2x30.00x1.00x0.30=					18.00 M ³
1x1x30.00x1.00x0.30=					9.00 M ³
1x1x30.00x1.00x0.30=					9.00 M ³
1x1x6.00x1.00x0.30=					1.80 M ³
1x2x24.00x1.00x0.30=					14.40 M ³
1x1x30.00x0.80x0.30=					7.20 M ³
1x1x30.00x0.80x0.30=					7.20 M ³
1x1x30.00x1.00x0.30=					9.00 M ³
1x1x30.00x1.00x0.30=					9.00 M ³
1x1x11.00x1.00x0.30=					3.30 M ³
1x1x50.00x1.00x0.30=					15.00 M ³
1x1x10.00x1.00x0.30=					3.00 M ³
Total=					153.30 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Supply of New bag with labour for filling new EC bag with local sand - - -					
1x2x30.00	x0.45	x0.95	=	25.65 M ³	
1x2x29.00	x0.45	x1.10	=	28.71 M ³	
1x2x20.00	x0.45	x1.80	=	23.40 M ³	
1x2x30.00	x0.45	x1.90	=	35.10 M ³	
1x1x30.00	x0.45	x1.05	=	14.18 M ³	
1x1x30.00	x0.45	x0.95	=	12.83 M ³	
1x1x6.00	x0.45	x0.90	=	2.43 M ³	
1x2x24.00	x0.45	x0.91	=	19.66 M ³	
1x1x30.00	x0.45	x0.85	=	11.48 M ³	
1x1x30.00	x0.45	x0.90	=	12.15 M ³	
1x1x30.00	x0.45	x0.90	=	12.15 M ³	
1x1x30.00	x0.45	x1.15	=	15.53 M ³	

$$1x1x11.00 \times 0.45 \times 1.16 = 5.74 M^3$$

$$1x1x50.00 \times 0.45 \times 1.20 = 27.00 M^3$$

$$1x1x10.00 \times 0.45 \times 1.10 = 4.95 M^3$$

$$\text{Total: } 250.96 M^3$$

$$@0.034 M^3 \text{ each bag} - 7381.00 \text{ Nos}$$

mm
16/09/21
AE

16.09.21
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Providing bamboo piles including labour for cutting of 62mm to 75mm dia bamboo piles to size - - -					
2615.00 M (vide TMBP-2)					
@Rs- 55.40/M = Rs- 144871.00/-					
② Supplying fitting & fixing 62mm to 75mm dia bamboo runners in position - - -					
1045.00 M (vide TMBP-02)					
@Rs- 30.87/M = Rs- 32290.00/-					
③ Filling & spreading local					

Sand over brick bats as per drawing - - -					
393.84 M ³ (vide TMBP-03)					
@RS- 514.43/M ³ = RS- 202603.00/-					
④ Providing laying & spreading brick bats in road ditches as complete as per - - -					
153.30 M ³ (vide TMBP-03)					
@RS- 2168.72/M ³ = RS- 332465.00/-					
⑤ Supply of new bag with labour for filling New Ec bag with local sand - - -					
7381.00 NOS (vide TMBP-04)					
@RS- 38.03/each = RS- 280699.00/-					
Continuation					
RS- 992928.00/-					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F RS:-					992928.00/-
Add 12 y. GST H2 RS:-					119151.00/-
Add 1 y. LC H2 RS:-					9929.00/-
Add S. fee 10% on material cost calculation -					
① Brick Bats:-					
183.960 M ³ @ RS-					1050.00/M ³
					= RS- 193158.00/-
② Local sand -					
644.794 M ³ @ RS-					141.85/M ³
					= RS- 91464.00/-
Total M. cost:-					284622.00
S. fee 10% on M. cost:-					28462.00/-
					RS/- 1150470.00/-

<u>16.09.21</u> JE				
Material Statement				
① Brick Bats:-				183.960 M ³
② Local sand:-				644.794 M ³
<u>16.09.21</u> JE				