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Kochadhaman

~~Kochadhaman~~

# Measurement Book

FDR- 2021-22

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R.....82/2021-22

Name of Road:- Basiyon DBSD-Atad

Chowk (LRP) via Durgapur.

Division:- Kishouganj

Block:- Kochadhaman

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

Sri.....Ranjeet Kumar.....

.....AE RWD Sub-Division.....

Kochadhaman.....

*[Signature]*  
Executive Engineer  
RWD Works Division  
Kishanganj-1  
30/07/21

Sch. XLV-Form No. 134

RWD (W) Kishanganj-1 DIVISION  
(W).....  
Kochadhaman SUB-DIVISION

This MB is Re-issue to JE  
Rakesh Kumar  
30/07/21  
AE

# Measurement Book

No.

R.....82...../2021-22

Name of officer.....

Date of first entry.....

Date of last entry.....

Name of work—  
 Situation of work—  
 Agency by which work is executed—  
 Date of measurement—  
 No. and date of agreement.

1

(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.	
<u>Name of work</u>	Restoration				
	of Road from Base Jam				
	DB-50 Azed Chowk (LRP)				
	via Dussapur.				
<u>Block</u>	Kochadhaman.				

<u>Date of measurement</u>					
					24.07.021.
<u>Date of entry</u>					24.07.021.
① Providing bamboo piles including labour for cutting					
of 62mm to 75mm dia.					
1 x 150 x 6.00					= 900.00 m
1 x 90 x 6.00					= 540.00 m.
1 x 180 x 6.00					= 1080.00 m.
1 x 135 x 6.00					= 810.00 m.
1 x 180 x 6.00					= 1080.00 m.
					<u>Total!</u> 4410.00m.
② supplying, fitting & fixing					
62mm to 75mm dia bamboo					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
runners in position at every vertical					
1 x 4 x	50.00		=	200.00 M	
1 x 4 x	30.00		=	120.00 M	
1 x 4 x	60.00		=	240.00 M	
1 x 4 x	45.00		=	180.00 M	
1 x 4 x	60.00		=	240.00 M.	
			Total!-	980.00 m.	

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

$$(30+20) \times \left( \frac{4+2.25}{2} \right) \times \left( \frac{2.2+1.50}{2} \right) = 289.06 \text{ m}^3$$

$$30.00 \times \left( \frac{4.5+2.90}{2} \right) \times \left( \frac{2.15+1.50}{2} \right) = 188.89 \text{ m}^3$$

$$2 \times 30.00 \times \left( \frac{4.1+3.0}{2} \right) \times \left( \frac{2.0+1.50}{2} \right) = 372.75 \text{ m}^3$$

$$(30+15) \times \left( \frac{3.8+2.75}{2} \right) \times \left( \frac{1.9+1.50}{2} \right) = 250.54 \text{ m}^3$$

$$2 \times 30.00 \times \left( \frac{4.3+3.50}{2} \right) \times \left( \frac{2.2+1.50}{2} \right) = 432.90 \text{ m}^3$$

$$\text{Total!} - 1534.14 \text{ m}^3.$$

④ provide, lay & spread brick balls in road ditches all complete -

$$(30+20) \times \left( \frac{4+2.25}{2} \right) \times \left( \frac{1.8+1.2}{2} \right) = 234.38 \text{ m}^3$$

$$30.00 \times \left( \frac{4.5+2.9}{2} \right) \times \left( \frac{1.6+1.0}{2} \right) = 134.55 \text{ m}^3$$

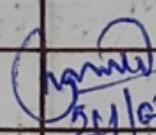
$$2 \times 30.00 \times \left( \frac{4.1+3.0}{2} \right) \times \left( \frac{1.6+1.1}{2} \right) = 287.55 \text{ m}^3$$

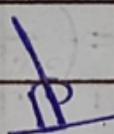
$$(30+15) \times \left( \frac{3.8+2.75}{2} \right) \times \left( \frac{1.7+1.3}{2} \right) = 221.06 \text{ m}^3$$

$$2 \times 30.00 \times \left( \frac{4.3+3.50}{2} \right) \times \left( \frac{1.8+1.2}{2} \right) = 351.00 \text{ m}^3$$

$$\text{Continuation Total!} - 1228.58 \text{ m}^3.$$

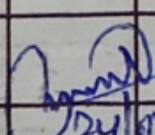
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Supply of new bag with labours for ballist new EC bag -					
1x 50.00 x 0.90 x 1.50 =					67.50 m <sup>3</sup> .
1x 30.00 x 0.90 x 1.50 =					40.50 m <sup>3</sup>
1x 60.00 x 0.90 x 1.50 =					81.00 m <sup>3</sup> .
1x 45.00 x 0.90 x 1.80 =					72.90 m <sup>3</sup>
1x 60.00 x 0.90 x 1.80 =					97.20 m <sup>3</sup>
					Total! - 359.10 m <sup>3</sup> .
⑥ 0.034 cum each bag					= 10562 Nos.

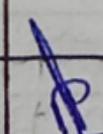
  
 24/07/21  
 AE

  
 24.07.21  
 JE

S. Fee calculation -

① Brick ball -	1474.248				
	+ 228.54 m <sup>3</sup>				
@ 1050.00/m <sup>3</sup> =					Rs. 1547960.00/-
② Local sand -	1893.248 m <sup>3</sup>				
@ Rs 141.85/m <sup>3</sup> =					Rs. 268557.00/-
Total material cost					
					Rs. 1816517.00/-
S. Fee @ 10% of M. Cost					
					= Rs. 181652.00/-

  
 24/07/21  
 AE

  
 24.07.21  
 JE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① providing bamboo piles including labours for cutting of 62mm to 75mm dia. -----					
4410.00 m (vide TMBP-01)					
@ Rs. 55.90/m = Rs. 244314.00/-					
② supply, cutting & fixing 62mm to 75mm dia. bamboo runners in -----					
980.00 m (vide TMBP-02)					
@ Rs. 30.87/m = Rs. 30253.00/-					
③ filling and spreading local sand over brick bats as per -----					
1534.14 m <sup>3</sup> (vide TMBP-02)					
@ Rs. 514.43/m <sup>3</sup> = Rs. 789208.00/-					
④ providing, laying & spreading brick bats in road ditches all complete as per -----					
1228.54 m <sup>3</sup> (vide TMBP-02)					
@ Rs. 2168.72/m <sup>3</sup> = Rs. 2664359.00/-					
⑤ supply of new bag with labours for buying new EC bag with -----					
10562 Nos. (vide TMBP-03)					
@ Rs. 38.03/each = Rs. 401673.00/-					

Continuation

Total: Rs. 4129807.00/-

