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Measurement Book

Kochchhaman

No. R ~~183~~ 2021-22

Name of road:- PMASY Mohra road

Near Cavukke Pass to Motha

Madrasa Tola,

Division - Kishanganj

Block - Kochchhaman

FDR - 2021-22

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

Sri...Ranjeet Kumar.....

.....AE RWD Sub-Division

Kochadhaman

Executive Engineer
RWD Works Division
Kishanganj-1

2018/1

Sch. XLV—Form No. 134

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

This MD is Re-issue to JE

Rakesh Kumar

Om
27/08/18
AE

MEASUREMENT BOOK

No.

R. 183 /2021-22

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name to work --

Situation of work -

Agency by which work is executed-

Date of measurement--

No. and date of agreement.

No. and date of agreement.
(These four lines should be repeated at the commencement of the measurements relating to each work.)

Date of measurement: 28.10.02

Date of entry :- 28-10-02

⑦ Providing bamboo piles including
labour for cutting of 62 MN

for 75 my old bamboo pole

$$1 \times 120 \times 3.00 = 360.00$$

~~1 x 57 x 3.00 = 171.00~~

$$1 \times 90 \times 3.00 = 270.00$$

$$1 \times \$7 \times 3.00 = 171.00$$

2 x 78 x 3.00 = 468.00

~~21180 x .3000 =~~ 1080.00
~~2 x 3000 =~~ 180.00

$$1 \times 90 \times 3.00 = 270.00$$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x90x 3.00 =					270.00M
1x90x 3.00 =					270.00M
1x90x 3.00 =					270.00M
1x90x 3.00 =					270.00M
1x90x 3.00 =					270.00M
1x90x 3.00 =					270.00M
1x84x 3.00 =					252.00M
2x88x 3.00 =					522.00M
2x27x 3.00 =					162.00M
1x60x 3.00 =					180.00M
				Total:	6246.00M

② Supplying fitting & fixing 62mm
to 75mm dia bamboo gunners
in position

2x3x 30.00 =					180.00M
1x3x 40.00 =					120.00M
1x3x 19.00 =					57.00M
1x3x 30.00 =					90.00M
1x3x 19.00 =					57.00M
2x3x 26.00 =					156.00M
2x3x 60.00 =					360.00M
2x3x 10.00 =					60.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 30.00 =					90.00M
1x3x 28.00 =					84.00M

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 X 3 X 29.00 =					174.00 M ³
2 X 3 X 9.00 =					54.00 M ³
1 X 3 X 20.00 =					60.00 M ³
Total =					2082.00 M ³

(3) Filling & spreading local sand over broken bats as per ---

1 X 2 X 30.00 X 0.04 X 1.90 =	232.86 M ³
1 X 1 X 40.00 X 2.04 X 1.80 =	146.88 M ³
1 X 1 X 19.00 X 1.64 X 2.40 =	74.78 M ³
1 X 1 X 30.00 X 1.56 X 1.30 =	60.84 M ³
1 X 1 X 19.00 X 1.72 X 3.40 =	13.07 M ³
1 X 2 X 26.00 X 0.44 X 0.40 =	9.15 M ³
1 X 2 X 60.00 X 0.44 X 0.90 =	47.52 M ³
1 X 2 X 10.00 X 0.60 X 0.70 =	8.40 M ³

1 X 1 X 30.00 X 0.52 X 0.40 =	6.24 M ³
1 X 1 X 30.00 X 0.60 X 0.90 =	16.20 M ³
1 X 1 X 30.00 X 0.52 X 1.00 =	15.60 M ³
1 X 1 X 30.00 X 0.68 X 1.00 =	22.44 M ³
1 X 1 X 30.00 X 0.60 X 1.00 =	18.00 M ³
1 X 1 X 30.00 X 0.68 X 0.80 =	16.32 M ³
1 X 1 X 30.00 X 0.76 X 0.90 =	20.52 M ³
1 X 1 X 28.00 X 0.72 X 0.75 =	15.12 M ³
1 X 1 X 29.00 X 3.64 X 0.90 =	95.00 M ³
1 X 1 X 9.00 X 3.64 X 0.90 =	29.48 M ³
1 X 1 X 20.00 X 2.60 X 1.10 =	57.20 M ³
Total =	905.32 M ³

(4) Providing laying & spreading broken bats in road ditches
at ---

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
$1 \times 2 \times 30.00 \times 2.04 \times 0.45 = 55.08 \text{ m}^3$				
$1 \times 1 \times 40.00 \times 2.04 \times 0.45 = 36.92 \text{ m}^3$				
$1 \times 1 \times 19.00 \times 1.64 \times 0.45 = 14.02 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 1.56 \times 0.45 = 21.06 \text{ m}^3$				
$1 \times 1 \times 19.00 \times 1.72 \times 0.45 = 14.71 \text{ m}^3$				
$1 \times 2 \times 26.00 \times 0.44 \times 0.45 = 10.30 \text{ m}^3$				
$1 \times 2 \times 60.00 \times 0.44 \times 0.45 = 23.76 \text{ m}^3$				
$1 \times 2 \times 10.00 \times 0.60 \times 0.45 = 5.40 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 0.52 \times 0.45 = 7.02 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 0.68 \times 0.45 = 9.18 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 0.60 \times 0.45 = 8.10 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 0.68 \times 0.45 = 9.18 \text{ m}^3$				
$1 \times 1 \times 30.00 \times 0.78 \times 0.45 = 10.26 \text{ m}^3$				
$1 \times 1 \times 28.00 \times 0.72 \times 0.45 = 9.07 \text{ m}^3$				

$1 \times 1 \times 29.00 \times 3.64 \times 0.60 = 63.3 \text{ m}^3$
$1 \times 1 \times 9.00 \times 3.64 \times 0.60 = 19.86 \text{ m}^3$
$1 \times 1 \times 20.00 \times 2.60 \times 0.60 = 31.20 \text{ m}^3$
$1 \times 1 \times 29.00 \times 3.64 \times 0.30 = 31.67 \text{ m}^3$
$1 \times 1 \times 9.00 \times 3.64 \times 0.30 = 9.83 \text{ m}^3$
$1 \times 1 \times 20.00 \times 2.60 \times 0.30 = 15.60 \text{ m}^3$
Total $= 400.28 \text{ m}^3$

(5) Providing & laying reinforced cement concrete pipe NR3
for Culvert -

$$3 \times 2 \times 2.50 = 15.00 \text{ m}$$

$$3 \times 2 \times 2.50 = 15.00 \text{ m}$$

$$\text{Total } 30.00 \text{ m}$$

(6) Supply of m/s with labour
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for filling Nee. EC bag with local sand of Allo					
1x2 x 20.00 x 0.45 x 2.35 =	63.45M ³				
1x1 x 10.00 x 0.45 x 2.25 =	10.50M ³				
1x1 x 19.00 x 0.45 x 2.85 =	24.37M ³				
1x1 x 30.00 x 0.45 x 1.75 =	23.63M ³				
1x1 x 17.00 x 0.45 x 0.85 =	7.24M ³				
1x2 x 26.00 x 0.45 x 0.85 =	19.89M ³				
1x2 x 60.00 x 0.45 x 1.35 =	72.90M ³				
1x2 x 10.00 x 0.45 x 1.15 =	10.35M ³				
1x1 x 30.00 x 0.45 x 0.85 =	11.48M ³				
1x1 x 30.00 x 0.45 x 1.35 =	18.23M ³				
1x1 x 30.00 x 0.45 x 1.45 =	19.58M ³				
1x1 x 30.00 x 0.45 x 1.55 =	20.93M ³				
1x1 x 30.00 x 0.45 x 1.45 =	19.58M ³				

$$1 \times 1 \times 30.00 \times 0.15 \times 162.5 = 16,881$$

$$1 \times 1 \times 30.00 \times 0.45 \times 1.35 = 18.234$$

$$1 \times 1 \times 28.00 \times 0.45 \times 1.20 = 15.12M$$

$$1 \times 1 \times 29.00 \times 0.90 \times 1.50 = 39.15M$$

$$1 \times 1 \times 9.00 \times 0.90 \times 1.50 = 12.15 \text{ m}^3$$

$$1 \times 1 \times 20.00 \times 0.45 \times 1.70 = 15.30M$$

Total - 468.99 M²

@ 0.034 m³. each bag: 13799.00/tos

~~28.10.2021~~ 28.10.2021

~~AE~~ ~~JE~~

10. *Leucosia* *leucostoma* *leucostoma* *leucostoma* *leucostoma*

1990-1991
1991-1992
1992-1993
1993-1994
1994-1995
1995-1996
1996-1997
1997-1998
1998-1999
1999-2000

Table 1. Summary of the results of the study of the effect of the addition of organic acids on the properties of the polyacrylate polymer.

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Conclusion

Continuation

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 62 m ² to 75 m ² dia bamboo piles to size — — — — —					
	6246.00 M (vide Tm BP- 02)				
	@ RS- 55.40 /M = RS- 346028.00/-				
② Supplying, fitting & fixing 62 m ² to 75 m ² dia bamboo runners in position — — — — —					
	2082.00 M (vide Tm BP- 03)				
	@ RS- 30.87 /M = RS- 64271.00/-				
③ Filling & spreading 1000 t sand over brick bats as per drawing and — — — — —					
	905.32 m ³ (vide Tm BP- 03)				
	@ RS- 514.49 / m ³ = RS- 465724.00/-				
④ Providing laying & spreading brick bats in road ditches all complete as per — — — — —					
	420.28 m ³ (vide Tm BP- 04)				
	@ RS- 2168.72 / m ³ = RS- 911470.00/-				
⑤ Providing & laying reinforced cement concrete pipe N.P.B for culverts on first class — — — — —					
	30.00 M (vide Tm BP- 04)				
	@ RS- 1747.13 /M = RS- 52414.00/-				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Supply of new bag with labour for filling new bag with local sand - - -					
13794.00 nos (vide TMBP-05)					
@ Rs 38.03 / each = Rs -					527586.00/-
				Total -	2364493.00
Add 12% GST @Rs -					283739.00/-
Add 1 x L.C @ Rs -					23645.00/-
Add S.Fee 10% off material cost calculation - -					
① Bricks 1000s:-					
504.336 M ³ @Rs - 1050.00 / M ³					
				Total -	529553.00/-
② Local sand:-					

$$1374.316 \text{ MB} @ P_{\text{S}} = 141.85 \text{ MPa}$$

~~= Rs. 1949.47.00/-~~

Total m. cost. - \$24500.00 -

S. fee 10% on M. cost: - 72450.00/-

Total:- 2744327.00

~~10/10/2011~~ - 28.10.2011 P
KLM DE AE

Material Statement

① Boeck behl. - 504.336 p. 3

② Local sample - 1374-31 (m3).

28-10-021
JF