

FDR-2020-2021

Schedule XLV-Form No. 134

Katinar= Manihari pWD Road To Balu
Tola Kutti Tola

Manihari

DIVISION

Manihari

SUB-DIVISION

MEASUREMENT BOOK

344
8/11/2020

Name to 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.	
Name of Work - Katihar to					
Mamihar PWD					
Road to Balu Tola					
Kutti Tola					
Agency - Departmental					
Year - F.D.R Port (2020)					
Length - 1.500 KM					
Item No. - Providing and					
laying of Brick					
Rate - - - - - E12					

Calculation of Brick Ball

$12.00 \times \frac{2.70+3.60}{2} \times \frac{1.00+0.90}{2} =$	$35.910m^3$
$20.00 \times \frac{2.60+3.60}{2} \times \frac{1.20+1.00}{2} =$	$68.200m^3$
$4.00 \times \frac{3.20+2.90}{2} \times \frac{0.90+0.60}{2} =$	$3.150m^3$
$15.60 \times \frac{2.60+3.70}{2} \times \frac{1.10+0.90}{2} =$	$49.140m^3$
$8.50 \times \frac{1.00+0.90}{2} \times \frac{0.60+0.80}{2} =$	$2.328m^3$
$11.60 \times \frac{2.50+3.60}{2} \times \frac{1.00+0.90}{2} =$	$33.611m^3$
$8.50 \times \frac{1.30+1.10}{2} \times \frac{0.60+0.70}{2} =$	$2.730m^3$
$9.50 \times \frac{1.40+1.20}{2} \times \frac{0.60+0.70}{2} =$	$8.028m^3$
$7.50 \times \frac{1.20+1.00}{2} \times \frac{0.70+0.80}{2} =$	$6.188m^3$
$20.00 \times \frac{2.60+3.80}{2} \times \frac{1.10+1.00}{2} =$	$67.200m^3$
$2.50 \times \frac{1.20+1.10}{2} \times \frac{0.80+0.60}{2} =$	$2.013m^3$
$2.00 \times \frac{2.20+2.90}{2} \times \frac{0.90+0.90}{2} =$	$5.430m^3$
$30.00 \times \frac{2.95+3.75}{2} \times \frac{1.50+1.20}{2} =$	$135.675m^3$
$2NO \times 26.00 \times \frac{2.50+2.90}{2} \times \frac{1.00+0.90}{2} =$	$133.380m^3$

Continuation

20.00	$\times \frac{1.20 + 1.00}{2}$	$\times \frac{1.50 + 0.75}{2}$	21.45 m ³
3.50	$\times \frac{1.00 + 0.90}{2}$	$\times \frac{0.50 + 0.75}{2}$	1.50 m ³
6.00	$\times \frac{0.90 + 0.85}{2}$	$\times \frac{0.50 + 0.25}{2}$	1.97 m ³
4.00	$\times \frac{1.50 + 1.10}{2}$	$\times \frac{0.70 + 0.20}{2}$	4.55 m ³
15.60	$\times \frac{1.10 + 1.10}{2}$	$\times \frac{0.90 + 0.80}{2}$	13.92 m ³
3.50	$\times \frac{1.00 + 0.90}{2}$	$\times \frac{0.60 + 0.80}{2}$	2.33 m ³
10.00	$\times \frac{1.20 + 1.10}{2}$	$\times \frac{1.00 + 0.90}{2}$	11.24 m ³
11.60	$\times \frac{1.10 + 0.95}{2}$	$\times \frac{0.80 + 0.85}{2}$	9.81 m ³
3.50	$\times \frac{1.00 + 0.80}{2}$	$\times \frac{0.60 + 0.40}{2}$	2.05 m ³
10.00	$\times \frac{1.20 + 1.10}{2}$	$\times \frac{1.00 + 0.90}{2}$	10.93 m ³
6.00	$\times \frac{0.90 + 0.85}{2}$	$\times \frac{0.70 + 0.60}{2}$	3.41 m ³
3.00	$\times \frac{1.50 + 1.60}{2}$	$\times \frac{1.00 + 1.10}{2}$	4.88 m ³
3.00	$\times \frac{1.50 + 1.60}{2}$	$\times \frac{1.00 + 1.10}{2}$	4.88 m ³
22.00	$\times \frac{1.40 + 1.20}{2}$	$\times \frac{1.10 + 1.00}{2}$	30.03 m ³
5.00	$\times \frac{1.00 + 0.90}{2}$	$\times \frac{0.70 + 0.80}{2}$	3.56 m ³

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14.00 x	$\frac{1.20+1.10}{2}$		$\frac{1.00+0.90}{2}$		15.30 m ³
3.00 x	$\frac{1.00+0.90}{2}$		$\frac{0.40+0.50}{2}$		3.85 m ³
				Total =	159.08 m ³

Item 2102 - Supplying of empty cement bag

Calculation of empty cement bag

12.00 x 1.10 x 1.00 =	13.20 m ³
20.00 x 1.90 x 0.90 =	34.20 m ³
3.50 x 1.60 x 0.80 =	4.48 m ³
6.00 x 1.90 x 0.70 =	7.98 m ³
4.00 x 1.85 x 0.70 =	3.90 m ³
15.00 x 0.60 x 1.00 =	9.36 m ³
3.50 x 0.70 x 0.85 =	2.08 m ³
11.66 x 0.80 x 0.60 =	5.57 m ³
3.50 x 1.90 x 0.55 =	3.66 m ³
7.50 x 1.60 x 0.80 =	9.60 m ³
20.00 x 1.10 x 0.90 =	19.80 m ³
	Total = 113.63 m ³

Item 2103 - S/F/Fixing 62m

to 75mm dia bamboo

Piles in size - - -

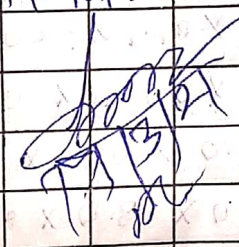
E/I

Calculation of Bamboo Pile

No	Length	Width	No
	12.00	0.30 =	40 No
	20.00	0.90 =	22 No
	3.50	0.80 =	4 No

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	6.00		0.80	2	9 NO
	4.00		0.50	2	8 NO
	15.50		1.00	2	16 NO
	3.50		0.85	2	4 NO
	11.60		0.60	2	19 NO
	8.50		0.55	2	6 NO
	7.50		0.80	2	9 NO
	20.00		0.70	2	22 NO
	Total - 107.20				= 160 NO
					16
					17/3/21
					JE.

Abstract cost
 Name of work - Katihar
 Manihari FWD
 Road To Belu
 Tola Kuthi Tola
 Agency - Departmental
 Year - F.P.R. Part (2019)
 Length - 1.500 KM
Item 2501 - Providing and
 laying of Brick
 Bet - E/L
 $1089.70 = (159.08 + 113.63) = 816.71$
 @ Rs - 1717370/m² Rs - 1212121.034

Continuation

Continuation

19.3.21