

FDR-2020-2021

Phasy Road to Mahagar.

Measurement Book

Schedule XLV-Form No. 134

Manihari

DIVISION

Manihari

SUB-DIVISION

331
2/1/20

Name of Work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement -

(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 - PMGSY					
Road To 1st					
Mahuar					
Agency - Departmental					
Year - F.D.R. Part A (2020)					
Length - 0.720 KM					
Item No 1 - Providing and					
laying of Brick					
Bats - - - - - EIT					

Calculation of Brick Bat				
1 No x 29.00 x 2.60 + 20.50 + 2.30				
		$\times \frac{1.85 + 1.35 + 1.65}{3}$		123.99 m ³
1 No x 3.50 x 2.50 + 3.60 x 1.90 + 1.50				
		$\times \frac{1.90 + 1.50 + 1.50}{3}$		18.148 m ³
1 No x 6.50 x 2.60 + 3.50 + 2.05				
		$\times \frac{1.50 + 1.10 + 1.10}{3}$		22.956 m ³
1 No x 20.00 x 3.10 + 3.20 + 3.60				
		$\times \frac{2.10 + 2.00 + 1.50}{3}$		123.200 m ³
1 No x 13.00 x 2.30 + 2.50 + 2.50				
		$\times \frac{1.10 + 1.00 + 0.95}{3}$		33.042 m ³
1 No x 21.00 x 1.60 + 1.15 + 1.10				
		$\times \frac{1.05 + 0.70 + 0.55}{3}$		24.255 m ³
1 No x 16.80 x 2.60 + 2.40 + 2.40				
		$\times \frac{1.30 + 0.80 + 0.45}{3}$		33.133 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No x 21.00 x		$\frac{3.20+3.10+3.00}{3}$			
		$\times \frac{1.16+0.90}{2}$			$65.400m^3$
1 No x 7.20 x 2.50 + 2.10 + 1.90		$\frac{2.50+2.10+1.90}{3}$			
		$\times \frac{1.00+0.90+0.90}{3}$			$14.820m^3$
1 No x 14.00 x		$\frac{1.90+2.20+2.10}{3}$			
		$\times \frac{1.00+0.90}{2}$			$27.487m^3$
1 No x 12.50 x		$\frac{2.40+1.10+2.00}{3}$			
		$\times \frac{1.20+1.00}{2}$			23.833
1 No x 24.60 x		$\frac{2.60+2.10+2.00}{3}$			
		$\times \frac{1.40+1.00}{2}$			$57.687m^3$
1 No x 26.50 x		$\frac{2.80+2.60+2.40}{3}$			
		$\times \frac{1.10+0.90}{2}$			$70.623m^3$
Total =					$638.27m^3$
<u>Deduction</u>					
1 No x 7.20 x		$\frac{1.10+1.20+1.00}{3}$			
		$\times \frac{0.70+0.75+0.60}{3}$			$5.580m^3$
1 No x 14.00 x		$\frac{1.20+1.10+1.00}{3}$			
		$\times \frac{0.85+0.80}{2}$			$12.705m^3$
1 No x 12.50 x		$\frac{1.10+1.00+1.05}{3}$			
		$\times \frac{0.90+0.65}{2}$			$10.172m^3$
1 No x 24.60 x		$\frac{1.10+1.05+1.00}{3}$			
		$\times \frac{0.95+0.85}{2}$			$23.247m^3$
1 No x 26.50 x		$\frac{1.30+1.10+1.00}{3}$			
		$\times \frac{1.00+0.95}{2}$			$58.565m^3$
1 No x 20.00 x		$\frac{1.20+1.10+1.00}{3}$			
		$\times \frac{0.95+0.80+0.70}{3}$			$17.967m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No x 13.00 x		1.20 + 1.00 + 1.00			
		$\times \frac{0.90 + 0.80 + 0.70}{3}$			11.093 m ³
1 No x 21.00 x		1.00 + 0.95 + 1.00			
		$\times \frac{0.90 + 0.80 + 0.60}{3}$			15.832 m ³
1 No x 16.80 x		1.30 + 1.10 + 1.00			
		$\times \frac{1.00 + 0.90 + 0.80}{3}$			17.136 m ³
				Total =	172.30 m ³
<u>Item No 2</u> Supplying of					
empty cement bag					
and labour - 614					
<u>Calculation empty cement bag</u>					

1 No x 3.80 x 2.00 x 1.10 =	7.70 m ³
1 No x 6.50 x 1.00 x 0.90 =	5.85 m ³
1 No x 21.00 x 0.95 x 0.70 =	13.97 m ³
1 No x 14.00 x 0.70 x 0.40 =	3.92 m ³
1 No x 12.50 x 1.00 x 0.90 =	11.25 m ³
1 No x 24.60 x 1.20 x 0.70 =	20.66 m ³
2 No x 26.80 x 1.00 x 0.70 =	37.10 m ³
	Total = 100.45 m ³

<u>Item No 3</u> - S/F / Fixing an.					
62 to 75 mm dia					
bamboo piles in					
size - - - E11					
<u>Calculation of bamboo</u>					
<u>piles</u>					

Continuation

[illegible]

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No 2</u> - Supplying of empty cement bag and labour - E I					
60	100.45	0.034			2754
@ Rs - 32.40 / m ² Rs -					94953.849
<u>Item No 3</u> - Supplying firm 62 to 85 mm dia bamboo in pile size - E I					
480 X 32	1351.00				M ³
@ Rs - 47.58 / m ³ Rs -					64280.580
<u>Item No 4</u> - Supplying fitting and fixing bamboo Runner including - - - - E I					
108.6 X 4	434.40				m ²
@ Rs - 24.71 / m ² Rs -					10734.024
<u>Item No 5</u> - Supplying of fitting and fixing in position spot bamboo - - - E I					
108.60 X 2	217.20				M ³
@ Rs - 22.67 / m ³ Rs -					48151.068
				Total =	845867.031
				Says Rs	8.459 Lac
				Rs 5.7 @ 12% Rs -	1.015

Continuation

Scanned with CamScanner