

^{FDR-21-22}
Schedule XLV-Form No. 134 ^{MB No-1524}

BELHS TO KULHARIYA

SUPAUL _____ DIVISION

MARAWA _____ SUB-DIVISION

MEASUREMENT BOOK

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—					
of road from					
Bethi to Kullains					
under FDR—					
2021 - 22.					
Agency—					
Authority—					
EE RWD, Work					
Division, Super.					
Date of					
Est—					
20/11/2021					

1/2) Laying brick
bats - all complex
Job.

Ch. D. 201cm $1 \times 5.50m \times 2.60 \times 0.30 = 4.290m^3$

Ch. 2.152m $1 \times 10.70m \times \left(\frac{1.9 + 3.1 + 2.1}{3} + 1.60 \right)$
 $\times \left(\frac{1.2 + 0.6 + 0.3}{3} \right) = 16.478m^3$

Ch. 2.1751cm $1 \times 16.40m \times \left(\frac{0.9 + 1.8 + 1.2}{3} \right)$
 $\times \left(\frac{1.5 + 0.6 + 0.3}{3} \right) = 17.056m^3$

Ch. 2.201cm $2 \times 1.0m \times 1.0 \times 0.3 = 0.60m^3$
 $1 \times 32.0m \times \left(\frac{1.0 + 1.7 + 2.4}{3} \right)$
 $\times \left(\frac{1.4 + 1.2 + 1.0 + 0.4}{4} \right) = 57.120m^3$

Continuation

$\text{Total} = 95.544m^3$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			$B/F 44 = 95.544 \text{ m}^3$		
$C1-5.0147-1 \times 2.0 \text{ m} \times 1.0 \times 0.90$					1.80 m^3
		$1 \times 11.0 \text{ m} \times \left(\frac{2+14}{2} \right) \times$			
		$\left(\frac{1.0+0.3+1.1}{3} \right) =$			14.96 m^3
		$1 \times 4.50 \text{ m} \left(\frac{2+1.0+0.6}{3} \right)$			
		$\times \left(\frac{1.1+0.6}{2} \right) =$			4.590 m^3
		$1 \times 6.0 \text{ m} \times \left(\frac{2+1+0.6}{3} \right)$			
		$\times \left(\frac{1.1+0.6}{2} \right) =$			6.30 m^3
		$1 \times 4.0 \text{ m} \times \left(\frac{2+1+0.6}{3} \right)$			
		$\times \left(\frac{1.1+0.6}{2} \right) =$			9.720 m^3
		$1 \times 2.50 \text{ m} \times \left(\frac{2+1.0}{2} \right) \times \left(\frac{1+0.6}{2} \right)$			4.20 m^3
		Total of 4 =			137.114 m^3
2/3) Labor for cutting					
62mm to 75mm					
dia bamboo piles					
on per lot					
		$\left(\frac{1 \times 10.70}{0.45} + 1 \right) \times 1.25 =$			30.972 m^3
		$\left(\frac{1 \times 16.4}{0.45} + 1 \right) \times 1.25 =$			46.806 m^3
		$\left(\frac{1 \times 32.0}{0.45} + 1 \right) \times 1.25 =$			90.139 m^3
Continuation of 4 =					167.917 m^3

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B/E \text{ of } 167.917 \text{ m}$
		$\frac{11.0}{0.45 + 1}$		$\times 1.25 \text{ m}$	31.806 m
		$\frac{1 \times 4.50}{0.45 + 1}$		$\times 1.25 \text{ m}$	13.750 m
					$Q_4 = 213.472 \text{ m}$

3/5) Labour for fitting
and fixing 75mm
dia bamboo
runner in Poles
on Poles

$$7 \times 10.70 \text{ m} = 74.90 \text{ m}$$

$$7 \times 16.40 \text{ m} = 114.80 \text{ m}$$

$$11 \times 32.00 \text{ m} = 352.00 \text{ m}$$

$$4 \times 11.00 \text{ m} = 44.00 \text{ m}$$

$$4 \times 4.50 \text{ m} = 18.00 \text{ m}$$

$$Q_4 = 603.70 \text{ m}$$

4/6) Supply of bamboo
at site

$$\left(\frac{\text{Bamboo pile}}{1.25} \times 3.0 \right)$$

$$+ (\text{Bamboo runner})$$

$$= \left(\frac{213.472}{1.25} \times 3.0 \right) + 603.7 = 1116.02$$

$$\text{Allowance} = 1116.02 = 159.43$$

Continuation

$$= 159.43$$

[illegible]

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

FDR
ABSTRACT OF COST

Name of work — Restoration
of road from Raddi
to Kuthary & under
FDR. (2021-22)

Agency —

Authority — E.E., RWD, Coalg
Division, Supaul

Dt. of entry — 20/04/21

1/2) Laying brick bats
— as per E.D.

Qty — 137 $114 \frac{3}{4}$ vide TMB P-2

@ RS — $192.89 / 114 \frac{3}{4}$ — 263652.40

2/3) Labour for cutting
bamboo pipes 82mm
to 75mm dia —
as per E.D.

Qty — 213.472 vide TMB P-3

@ RS — $\frac{45.06}{192.89 / 114 \frac{3}{4}}$ — 9789.84

3/5) Labour for fitting
& fixing 75mm
dia bamboo rimma
— as per E.D.

Qty — 603.70 vide TMB P-3

@ RS — $531 / 114 \frac{3}{4}$ — 3205.65

4/6) Supply of bamboo
at site —

Continuation RS —

EXECUTIVE ENGINEER
RWD WORKS DIVISION
SUPAUL