

FDR (Part A) 2021-22.

Schedule XLV Form N.134.

P.W.D. RCD Road to Shankarpur Khawas

Kahgaon.....DIVISION

Kahalgan.....SUB DIVISION

MEASUREMENT BOOK

489

Certified that this M.B
Containing 100 pages (Machine)
and issued to A.E. Kahaigam.

कार्यप्रालक अभियंता
ग्रामीण कार्य विभाग
26/06/2017
लोखी विमंडल कडलगाँव

Schedule XLV Form No. 134

.....DIVISION

.....SUB-DIVISION

MEASUREMENT BOOK - 489

Name of Office.....

Date of first entry.....

Date of last entry.....

Name of work –1

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 and the commencement

[illegible]

① Providing brick bats including spreading laying and packing

CH₂ 300M to 400M

$$3 \times 12.00 \times 2.80 \times 1.50 \times 10^{-50} = 38.70 \text{ H}^3$$

$$2 \times 2.00 \times 1.50 \times 0.50 = 3.00 \text{ M}^3$$

CH - 400 - 500 M

$$4 \times 3,50 \times \frac{2 \cdot 20 + 1 \cdot 00}{2} \times 0,30 = 6,72 \text{ m}^3$$

$$2 \times 6.50 \times 2.00 \times 0.20 = 5.20 \text{ H}^3$$

$$6 \times 4.00 \times 2.00 \times 0.30 = 14.40 \text{ m}^3$$

CH - 500 - 600 m

$$3 \times 4 = \frac{2 \cdot 10 + 1 \cdot 00}{2} \times 0.10 = 1.86 \text{ M}^3$$

CH-600-700 M

$$1 \times 9.00 \times 1.50 \times 0.10 = 1.35 \text{ m}^3$$

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
1x	11.00	$\frac{1.00 + 2.80}{2}$	$\frac{1.80 + 0.60}{2}$		25.08 M ³
1x	18.00	$\frac{1.10 + 2.90}{2}$	$\frac{1.70 + 0.80}{2}$		45.00 M ³
1x	15.00	$\frac{1.00 + 2.75}{2}$	$\frac{1.60 + 0.60}{2}$		31.02 M ³
1x	12.00	$\frac{0.80 + 1.80}{2}$	$\frac{1.40 + 0.45}{2}$		14.51 M ³
1x	12.00	2.00	0.50		12.00 M ³
1x	4.00	3.00	0.30		3.60 M ³
700-800 M					
1x	1.00	2.00	0.30		0.60 M ³
1x	0.50	0.50	0.10		0.03 M ³
1x	42.00	$\frac{1.00 + 2.30}{2}$	$\frac{1.80 + 0.60}{2}$		83.16 M ³
1x	16.00	$\frac{0.80 + 1.80}{2}$	$\frac{1.65 + 0.45}{2}$		21.84 M ³
1x	9.00	2.00	0.50		9.00 M ³
2x	15.00	0.50	1.00		15.00 M ³
800-900 M					
4x	3.00	2.00	0.30		7.20 M ³
2x	1.50	1.50	0.30		1.35 M ³
3x	1.00	2.50	0.30		2.25 M ³
900-1000 M					
5x	1.00	2.00	0.50		5.00 M ³
1000-1100 M					
4x	5.70	1.80	0.30		12.31 M ³
1100 M-1200 M					
6x	2.00	2.00	0.30		7.20 M ³
2x	3.00	2.50	0.30		4.50 M ³
4x	3.00	1.50	0.50		9.00 M ³
1200-1300 M					
3x	2.50	1.00	0.30		2.25 M ³

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
2 x 3.00 x 2.00 x 0.30 =					3.60 m ³
4 x 2.00 x 3.00 x 0.50 =					12.00 m ³
1300 - 1400 m					
2 x 13.00 x 3.00 x 0.30 =					23.40 m ³
5 x 1.20 x 1.20 x 0.50 =					5.40 m ³
1400 - 1500 m					
4 x 3.50 x $\frac{3.00 + 3.00}{2}$ x 0.50 =					21.70 m ³
1 x 2.00 x 1.20 x 0.30 =					0.72 m ³
2 x 0.50 x 3.00 x 0.30 =					0.90 m ³
1500 - 1600 m					
3 x 2.50 x $\frac{2.50 + 2.50}{2}$ x 0.30 =					5.63 m ³
2 x 4.00 x $\frac{1.00 + 1.20}{2}$ x 0.30 =					2.64 m ³
7 x 4.00 x $\frac{1.00 + 1.20}{2}$ x 0.30 =					5.28 m ³
13 x 2 x 4.00 x $\frac{1.00 + 1.20}{2}$ x 0.30 =					2.64 m ³
1 x 4.00 x $\frac{1.00 + 1.20}{2}$ x 0.30 =					1.32 m ³
3 x 4.00 x $\frac{1.00}{2}$ x 1.20 x 0.30 =					3.96 m ³
1600 - 1700 m					
4 x 4.00 x $\frac{1.00 + 1.20}{2}$ x 0.30 =					5.28 m ³
2 x 26.00 x $\frac{2.80 + 2.50}{2}$ x 0.30 =					41.34 m ³
2 x 3.00 x $\frac{0.50 + 1.20}{2}$ x 0.30 =					1.53 m ³
					520.47 m ³
(2) Providing G.B					
0 - 100 m					
2 x 1.20 x 1.50 x 0.100 =					0.36 m ³
100 m to 200					
1 x 2.00 x 0.50 x 0.100 =					0.100 m ³

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
200-300 H					
1 x 4.00 x 1.50 x 0.100 =					0.60 H ³
300-400					
3 x 12.00 x $\frac{2.80 + 1.50}{2}$ x 0.10 =					7.74 H ³
2 x 2.00 x 1.50 x 0.10 =					0.60 H ³
400-500					
4 x 3.50 x $\frac{2.20 + 1.00}{2}$ x 0.10 =					2.24 H ³
2 x 6.50 x 2.00 x 0.100 =					2.60 H ³
6 x 4.00 x 2.00 x 0.100 =					4.80 H ³
500-600					
3 x 4.00 x $\frac{2.10 + 1.00}{2}$ x 0.10 =					1.86 H ³
600-700					
1 x 9.00 x 1.50 x 0.10 =					1.35 H ³
1 x 12.00 x 2.00 x 0.10 =					2.40 H ³
1 x 4.00 x 3.00 x 0.10 =					1.20 H ³
700-800					
1 x 1.00 x 2.00 x 0.100 =					0.20 H ³
1 x 0.50 x 0.50 x 0.100 =					0.03 H ³
1 x 9.00 x 2.00 x 0.100 =					1.80 H ³
2 x 15.00 x 0.50 x 0.100 =					1.50 H ³
800-900					
4 x 20.00 x 3.00 x 0.100 =					24.00 H ³
2 x 1.50 x 1.50 x 0.100 =					0.45 H ³
3 x 5.60 x 2.50 x 0.100 =					3.75 H ³
900-1000					
5 x 1.00 x 2.00 x 0.100 =					1.00 H ³

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
1000 to 1100					
$4 \times 5.70 \times 1.80 \times 0.100 =$					4.10 m^3
1100 to 1200					
$6 \times 2.00 \times 2.00 \times 0.100 =$					2.40 m^3
$2 \times 10.00 \times 3.75 \times 0.100 =$					7.50 m^3
$4 \times 3.00 \times 1.50 \times 0.100 =$					1.80 m^3
1200 to 1300					
$3 \times 2.50 \times 1.00 \times 0.100 =$					0.75 m^3
$2 \times 3.00 \times 2.00 \times 0.100 =$					1.20 m^3
$4 \times 2.00 \times 3.00 \times 0.100 =$					2.40 m^3
1300 to 1400					
$2 \times 13.00 \times 3.00 \times 0.100 =$					7.80 m^3
$5 \times 1.20 \times 1.80 \times 0.100 =$					1.080 m^3
1400 to 1500					
$4 \times 3.50 \times \frac{3.20 + 3.80}{2} \times 0.100 =$					4.94 m^3
$1 \times 2.00 \times 1.20 \times 0.100 =$					0.24 m^3
$2 \times 0.50 \times 3.00 \times 0.100 =$					0.30 m^3
1500 to 1600					
$3 \times 2.50 \times \frac{2.50 + 2.50}{2} \times 0.100 =$					1.88 m^3
$2 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.100 =$					0.88 m^3
$4 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.100 =$					1.76 m^3
$2 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.100 =$					0.88 m^3
$1 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.100 =$					0.44 m^3
$3 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.100 =$					1.32 m^3
1600 to 1700					
$4 \times 4.00 \times \frac{1.00 + 1.20}{2} \times 0.10 =$					1.76 m^3

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
2 × 26.00 × $\frac{2}{2}$			$\frac{80+2.50}{2}$	× 0.10	13.78 m ³
2 × 3.00 × $\frac{4.50}{2}$			$\frac{+1.20}{2}$	× 0.10	0.51 m ³
					115.80 m ³

Abstract of Cost

- | | | | |
|---|---|----|--------------|
| ① | Providing Brick bats including spreading laying and packing Qty vide TMB P- (3) | | |
| | 520.47 m ³ @ R. 1677.68 / m ³ | | 873,182.00 |
| ② | Granular sub-base with well graded material Gr II | | |
| | Qty vide TMB P- (6) | | |
| | 115.80 m ³ @ R. 1861.62 / m ³ | | 215576.00 |
| | | R. | 10,88,758.00 |

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
			B.F.	R	10887.58.00
Add	G.S.T 12%			R	130651.00
Add	Labour cess 1%			R	10887.00
Add	S.F. 10% of Material.			R	63050.00
				R	1299346.00

S.F. Calculation

Brick bats.

$$520.47 \text{ m}^3 @ \text{R } 1051.00 = 547014 \times 10\% = 54701.00$$

$$\text{G.S.B.} = 115.80 \text{ m}^3$$

$$@ \text{R } 720.76 / \text{m}^3 = 83487.00 \times 10\% = 8349.00$$

$$\text{R } 63050.00$$

(Continuation)