

MB- 3410

Schedule XLV Form N.134

FDR-2021

P.W.D.

BHAGALPUR

DIVISION

JAGDISHPUR

SUB DIVISION

MEASUREMENT BOOK

Name of work - 1

Situation of work -

Agency by which work is executed -

Date of measurement,

No. and date of agreement

(These four lines should be repeated and the commencement of the measurement relating to each work.)

Particulars	Details of actual measurement				Contents or area
	No.	L	B	D	
Name of work:- Shiyadih village to Rajpur-Morhan road.					
Package:- RR-CC-015					
Agency:-					
Date of Start:-					
Date of Entry:- 12/11/21.					

MEASUREMENT RECORD

1/5 providing brick bats including spreading, laying, hand packing and compacting with C.I. hammer all completed.

Approach A1 (D/C)

1	$1 \times 3.50 \times 2.50 \times 330$				24.75 m ³
2	$1 \times 10.00 \times \frac{1.80+4.80}{2} \times \frac{2.8+1.50}{2}$				70.95 m ³
3	$1 \times 15.00 \times \frac{1.20+4.00}{2} \times \frac{1.30+1.00}{2}$				44.85 m ³
4	$1 \times 15.00 \times \frac{1.20+3.80}{2} \times \frac{1.30+1.00}{2}$				43.13 "
5	$1 \times 15.00 \times \frac{1.20+3.50}{2} \times \frac{1.30+1.00}{2}$				40.54 "
6	$1 \times 15.00 \times \frac{1.20+3.50}{2} \times \frac{1.10+1.20}{2}$				38.78 "
7	$1 \times 15.00 \times \frac{1.20+3.00}{2} \times \frac{1.20+1.90}{2}$				33.08 "
8	$1 \times 15.00 \times \frac{1.20+1.00}{2} \times \frac{1.10+1.60}{2}$				21.38 "
9	$1 \times 15.00 \times$				

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L	B.	D.	
1	1x15.00x	$\frac{0.90+1.20}{2}$	$\frac{0.75+0.90}{2}$		13.07 m ²
Approach A1 (U/S)					
1	1x15.00x	2.50	3.20		24.00 m ²
2	1x9.00x	$\frac{2.00+4.50}{2}$	$\frac{2.70+1.5}{2}$		64.35 "
3	1x21.00x	0.90	0.60		11.34 "
4	1x15.00x	$\frac{2.00+4.50}{2}$	$\frac{1.10+0.70}{2}$		48.75 "
5	1x15.00x	$\frac{2.00+4.50}{2}$	$\frac{1.00+0.70}{2}$		41.44 "
6	1x15.00x	$\frac{2.00+4.00}{2}$	$\frac{1.00+0.70}{2}$		38.25 "
7	1x15.00x	$\frac{1.80+3.80}{2}$	$\frac{1.00+0.70}{2}$		35.70 "
8	1x15.00x	$\frac{2.00+4.00}{2}$	$\frac{1.10+0.70}{2}$		40.50 "
9	1x10.00x	$\frac{2.00+3.50}{2}$	$\frac{1.90+0.70}{2}$		22.00 "

Approach A2 (D/S)

1	1x3.00x	2.40	3.70		26.64 "
2	1x10.00x	$\frac{2.50+6.50}{2}$	$\frac{3.50+1.50}{2}$		105.75 "
3	1x15.00x	$\frac{2.00+4.50}{2}$	$\frac{2.90+1.50}{2}$		107.25 "
4	1x15.00x	$\frac{1.50+3.50}{2}$	$\frac{2.80+1.50}{2}$		80.62 "
5	1x15.00x	$\frac{1.50+3.50}{2}$	$\frac{1.50+1.10}{2}$		48.75 "
6	1x15.00x	$\frac{1.50+3.50}{2}$	$\frac{1.50+1.40}{2}$		46.88 "
7	1x15.00x	$\frac{1.50+3.50}{2}$	$\frac{1.30+0.90}{2}$		41.25 "
8	1x15.00x	$\frac{1.20+3.20}{2}$	$\frac{1.20+0.90}{2}$		33.08 "
9	1x15.00x	$\frac{1.50+3.50}{2}$	$\frac{0.75+1.20}{2}$		36.75 "

Approach A2 (OP/C)

1	1x3.00x	3.00	3.70		33.70 "
2	1x10.00x	$\frac{2.00+5.00}{2}$	$\frac{2.60+1.80}{2}$		77.00 "
3	1x23.00x	$\frac{3.00+6.00}{2}$	$\frac{1.50+0.90}{2}$		135.00
4	1x25.00x	$\frac{2.50+5.00}{2}$	1.20		112.50 "
5	1x25.00x	$\frac{2.00+4.50}{2}$	1.20		97.50

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
1x2500x	$\frac{1.30+3.50}{2}$		0.90		54.60 m ³
1x9.40x	$\frac{1.30+3.50}{2}$		0.90		19.44 "
Road at CH 2500m-2700m					
1x12.40x	$\frac{4.40+6.40}{2}$		1.20		72.60 "
1x8.60x	3.75		0.50		15.60 "
1x15.60x	1.50		0.50		11.25 "
Total-					1810.83 m ³

Rate for providing, cutting and placing of 62mm to 75mm dia bamboo pile to size and making shoes and driving etc all

Complete job as per spec

Vertical post

Approach A1 (D/S)

6x30.60x2.50	450.60 m
1x10.60x2.50	25.60 m

Approach A1 (U/S)

6x30.60x2.50	450.60 m
1x10.60x2.50	25.60 m

Approach A2 (D/S)

6x30.60x2.50	450.60 m
1x9.40x2.50	22.50 m

Approach A2 (U/S)

6x30.60x2.50	450.60 m
1x9.40x2.50	22.50 m

(Continuation)

Sch. XLV- Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
(a) Approach A2 (D/S)					
V-post	190	2.50			475.00 m
H-post	94	4.50			423.00 m
(b) Approach A1 (U/S)					
V-post	190	2.50			475.00 m
H-post	94	4.50			423.00 m
(c) Approach A2 (D/S)					
V-post	189	2.50			472.50 m
H-post	95	4.50			427.50 m
(d) Approach A2 (U/S)					
V-post	189	2.50			472.50 m
H-post	96	4.50			432.00 m
					3600.50 m

Rate for fitting & fixing

62mm Ø 75mm dia bamboo

runner in position at every

vertical piles with 10mm

long Nail or 38SWG 9.2

wire with all complete job

or per specification

(e) Approach A1 (D/S & U/S)

2x3x30.00 180.00 m

2x3x31.00 186.00 m

2x3x36.00 181.00 m

2x2x30.00 180.00 m

2x3x30.00 180.00 m

2x3x30.00 180.00 m

(Continuation)

62.00 m

Sch. XLV- Form No. 134					
Particulars	Details of actual measurement				Contents or area
	No.	L	B	D	
(B) Approach A2 (0/15 & 1/15)					
	2x3	30.00			180.00 m
	2x3	30.00			180.00 "
	2x3	30.00			180.00 "
	2x3	30.00			180.00 "
	2x3	30.00			180.00 "
	2x3	30.00			180.00 "
	2x3	9.00			54.00
					2274.00 m

4/ Labour for fitting & fixing
split bamboo woven chachari
in position with 20 sagals
wire of 750 m to 1500 m

long nails alternatively
including set of 65 wire.
or nails complete job as
per specification.

(A) Approach A2 (0/15)

1x30.00x1.20	36.00 m ²
1x30.00x1.20	36.00 "
1x30.00x1.20	36.00 "
1x28.00x1.20	33.60 "

(B) Approach A2 (0/15)

1x30.00x1.20	36.00 "
1x30.00x1.20	36.00 "
1x30.00x1.20	36.00 "
1x7.00x1.20	8.40 "

(Continuation)

Sch. XLV- Form No. 134					
Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
(C) Approach A2 (N/S)					
	1x	30.00	1.20		36.00 m ²
	1x	30.00	1.20		36.00 "
	1x	30.00	1.20		36.00 "
	1x	28.00	1.20		33.60 "
(D) Approach A2 (V/S)					
	1x	30.00	1.20		36.00 "
	1x	30.00	1.20		36.00 "
	1x	30.00	1.20		36.00 "
	1x	30.00	1.20		36.00 "
	1x	2.00	1.20		2.40 "
Total A+B+C+D =					546.00 m ²

5/ providing laying sand bags with local sand and labour including carriage. laying fitting etc all complete for as per specification and direction of E/S.

(A) Approach A1 (D/S)					
	1x	30.00	$\frac{0.90 + 1.20}{2}$	x 1.20	37.80 m ²
	1x	30.00	$\frac{0.90 + 1.20}{2}$	x 1.20	37.80 "
	1x	30.00	$\frac{0.90 + 1.20}{2}$	x 1.20	37.80 "
	1x	28.00	$\frac{0.90 + 1.20}{2}$	x 1.20	35.28 "
(B) Approach A1 (V/S)					
	1x	30.00	$\frac{0.90 + 1.20}{2}$	x 1.20	37.80 "

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L	B.	D.	
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 m ³
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 7.00x $\frac{0.90+1.20}{2}$ x 1.20					8.82 "

(c) Approach A2 (A/S)

1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 28.00x $\frac{0.90+1.20}{2}$ x 1.20					35.28 "

(d) Approach A2 (U/S)

1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 30.00x $\frac{0.90+1.20}{2}$ x 1.20					37.80 "
1x 28.00x $\frac{0.90+1.20}{2}$ x 1.20					2.54 "

573.30 m³

Total A+B+C+D =

$$\text{Qty of Gaps} = \frac{573.30}{3.139} = 1862.00 \text{ m}^3$$

12/11/11
R.R.

12/11/11
J.E.

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

ABSTRACT OF COST

- 1 providing brick bats including spreading laying hand packing and compacting etc all

Complete job as per specifi
1810.82 m² vide - 2-3

Rs- 1750.04/m² - Rs 31,69,025.00

- 2, rate for cutting 62mm to 75mm dia bamboo piles etc all complete job as per specification.

3650.50 m vide 2-4

Rs- 50.30/m - Rs 1,81,429.00

- 3 1/2 rate for cutting & fixing 62mm to 75mm long dia bamboo runners in position at every vertical piles with 150mm long nail or 38 swg gal wire etc. all complete job as per specification

2274.00 m vide R-5

Rs- 28.43/m - Rs 64,650.00

- 4 labour for fitting and fixing split bamboo woven chabari in position with 20 swg gal wire or 25mm to 100mm long

(Continuation)

(Continuation)