

Rajhuraathpur To Adampur Haregaanpur

Schedule XLV-Form No. 134

B ARSOI

DIVISION

Baaso

SUB-DIVISION

M.B.No. 1750.

MEASUREMENT BOOK

य मापन किया गया है कि इस
मापी. य लिनर में 100 (एक सौ)
पने है। इस मापी य लिनर को सध
अभियंता. राजीव काम निभाता
काम और प्रमैडल कारखाने
को निर्माण करवा दिया है

Push
Executive Engineer
Rural Works Department
Works Division Barsoi

4/9/20

Sch. XLV—Form No. 134

BARSOI DIVISION
Barsoi SUB-DIVISION

Measurement Book

No. 1750

Name of Officer _____

Date of first entry _____

Date of last entry _____

Name to 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.	
CH- 2245 F.D.R					
Name of work - Restoration of					
work Raghunathpur to					
Adampur Haripur					
Agency - Departmental					
Supplier -					
Authority - E.R. R.W.D. Bham					
Date of start supply					
Date of completion - 25.9.201					

Date of entry - 25.3.21

Record Measurement

(1) p/r Brick Batz including,

Spreading, laying compacting with
C.I. Hammer

$$1 \times 10.50 \times \frac{(6.33 + 8.91)}{2} \times (2.3 + 3.10 + 2.50)$$

+ 240)

4

= 206.03 M

$$1 \times 41.70 \times 4.73 \times (0.40 + 0.30 + 0.40 + 0.35)$$

4

= 71.50 m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 X 18 X		(3.27 + 3.78)		(0.60 + 0.55 + 0.49)	
		2		3	
					= 32.78 m ³
1 X 10.0 X	6.0	(0.40 + 0.55)			= 28.50 "
		2			
1 X 5.0 X		(2.25 + 6.45)		(2.10 + 1.90)	
		2		2	
					= 42.50 m ³
1 X 15.50 X	4.27	(0.30 + 0.45 + 0.50 +			
		0.35 + 0.25 + 0.30)			
			6		
					= 23.72 m ³

1 X 14.80 X	4.53	(0.30 + 0.45 + 0.50 + 0.35			
		+ 0.25 + 0.30)			
			6		= 24.02 m ³
1 X 5.0 X	4.27	(0.30 + 0.45 + 0.50 + 0.35 + 0.25			
		+ 0.30)			
			6		= 7.65 m ³
1 X 5.10 X		(4.70 + 5.69)		(1.10 + 1.20 + 0.90 + 0.75)	
		2		4	
					= 26.16 m ³
1 X 10.0 X	3.20	(0.40 + 0.55)			= 15.20 m ³
		2			
1 X 12.10 X	4.0	(0.40 + 0.55)			= 22.99 m ³
		2			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 6.50 \times \frac{(2.95 + 4.10)}{2} \times \frac{(1.10 + 1.20)}{2}$					
		2		2	
					$= 26.35 \text{ m}^3$
$1 \times 37.10 \times 3.30 \times \frac{(0.40 + 0.55 + 0.60 + 0.50 + 0.45)}{5}$					
				5	
					$= 61.22 \text{ m}^3$
$1 \times 5.10 \times \frac{(3.05 + 3.90)}{2} \times \frac{(0.80 + 0.90)}{2}$					
		2		2	
					$= 15.06 \text{ m}^3$
$1 \times 10.0 \times \frac{(3.05 + 3.90)}{2} \times \frac{(0.80 + 0.90)}{2}$					
		2		2	
					$= 29.54 \text{ m}^3$
$1 \times 11.50 \times \frac{(3.15 + 3.70)}{2} \times \frac{(0.60 + 0.65 + 0.45 + 0.50)}{4}$					
		2		4	
					$= 21.66 \text{ m}^3$
$1 \times 8.0 \times 2.70 \times \frac{(0.45 + 0.50)}{2}$					
				2	
					$= 10.28 \text{ m}^3$
$1 \times 11.0 \times \frac{(2.10 + 2.63)}{2} \times \frac{(0.60 + 0.55 + 0.45)}{3}$					
		2		3	
					$= 13.87 \text{ m}^3$
$1 \times 10.0 \times \frac{(5.93 + 10.40)}{2} \times \frac{(2.10 + 2.40 + 2.20)}{3}$					
		2		3	
					$= 182.35 \text{ m}^3$
$1 \times 7.0 \times 2.15 \times \frac{(0.40 + 0.50)}{2}$					
				2	
					$= 6.77 \text{ m}^3$
$1 \times 5.0 \times 2.15 \times \frac{(0.50 + 0.60)}{2}$					
				2	
					$= 5.91 \text{ m}^3$

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 7.0 x	2.15	$(0.50 + 0.60)$		$\frac{2}{2}$	8.28 m^3
1 x 10.0 x	2.15	$(0.50 + 0.60)$		$\frac{2}{2}$	11.83 m^3
1 x 5.60 x	3.15	$(0.45 + 0.55)$		$\frac{2}{2}$	8.82 m^3
1 x 7.10 x	2.95	$(0.45 + 0.55)$		$\frac{2}{2}$	10.47 m^3
1 x 5.0 x	3.95	$(0.45 + 0.55)$		$\frac{2}{2}$	9.88 m^3
1 x 8.0 x	$(4.20 + 6.70)$	$(1.20 + 1.40 + 1.30 + 1.10)$		$\frac{2}{4}$	54.50 m^3
1 x 14.10 x	4.33	$(0.80 + 0.75 + 0.60 + 0.85)$		$\frac{4}{4}$	45.79 m^3
1 x 5.10 x	4.33	$(0.80 + 0.75 + 0.60 + 0.85)$		$\frac{4}{4}$	16.56 m^3
1 x 6.20 x	4.33	$(0.80 + 0.75 + 0.60 + 0.85)$		$\frac{4}{4}$	20.13 m^3
1 x 10.0 x	4.33	$(0.80 + 0.75 + 0.60 + 0.85)$		$\frac{4}{4}$	32.48 m^3

Continuation

Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 22.0 x 2.63 x (0.40 + 0.50 + 0.55)				3	
					= 27.97 m ³
1 x 15.0 x 3.40 x (0.40 + 0.50 + 0.55 + 0.60 + 0.35 + 0.45)				6	
					= 24.23 m ³
1 x 25.90 x 3.40 x (0.40 + 0.50 + 0.55 + 0.60 + 0.35 + 0.45)				6	
					= 41.83 m ³
					Total - 1186.81 m ³

Less Home pipe qty.

$$\frac{3.14}{4} \times (1.15)^2 \times 7.5 = 7.79 \text{ m}^3$$

$$\text{Total} = 1179.02 \text{ m}^3$$

(2) Labour for driving 62 mm to 75 mm dia Bamboo piles including all complete job

$$1 \times 117.0 \text{ m} = 117 \text{ m}$$

No. of Bamboo

$$\frac{117.025}{0.30} \times 1 = 1560 \text{ Nos}$$

Continuation

Continuation

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing brick bats including spreading laying compacting with L.D. Hammer 1179.02 m ² Q.V.T.M.B.P. (5)					
@ Rs. 1717.37/m ² — Rs. 2024813/-					
(2) Labour for driving 62 mm to 75 mm dia bamboo piles 1560 Nos Q.V.T.M.B.P. (5)					
@ Rs. 47.58/each — Rs. 74225/-					
(3) SIF/F of bamboo 62 mm to 75 mm dia runner 140 m Q.V.T.M.B.P. (6)					
@ Rs. 24.71/m — Rs. 3459/-					
(4) SIF/F in position split bamboo Jover Chanchary 52.50 m Q.V.T.M.B.P. (6)					
@ Rs. 221.69/m — Rs. 11639/-					
(5) Pls & laying Rce hume pipe NP3 (1X1000) 7.50 m Q.V.T.M.B.P. (3)					
@ Rs. 4432.83/m — Rs. 33246/-					
C.O. Rs. 2147382/-					

Continuation

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Revised to Addendum (V.R.7)

Schedule XLV-Form No. 134

BARSOI DIVISION

BARSOI SUB-DIVISION

M.B.No.1731.

MEASUREMENT BOOK

Certify that this M.B. contains
100 (one hundred) machine printed
pages issued to A.E.R.W.D.(w)
Sub-division, Barsoi

4/15/20
Executive Engineer
Rural Works Department
Works Division Barsoi

4/19/20

Sch. XLV—Form No. 134

BARSOI DIVISION

Barsoi SUB-DIVISION

Measurement Book

No. 1731.

Name of Officer _____

Name to 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 at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH - 2245 A.D.R.					
Name of Work - Restoration of Work					
Raghunathpur to Adampur					
(V.R. 7)					
Agency - Departmental					
Supplier -					
Authority -					
Date of start -					
Date of completion -					
Date of entry - 25.3.21					
<u>Record Measurement</u>					
(1.) Providing Brick Bath including					
Spreading, laying compacting with C.F.					
hammer all complete job					
$1 \times 29.00 \times \frac{(3.07 + 4.31)}{2} \times (1.0 + 1.0 + 1.60 + 1.10 + 1.0)$					
					$= 132.69 m^3$
$1 \times 23.10 \times \frac{(3.53 + 4.83)}{2} \times (1.0 + 1.0 + 1.40)$					
					$= 125.53 m^3$
$1 \times 11.0 \times \frac{(2.4 + 3.55)}{2} \times (1.4 + 1.6 + 1.1 + 1.7)$					
					$= 49.84 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 25.0 \times (2.50 + 3.93) \times (1.40 + 1.60 + 1.30)$	2			3	
					$= 115.20 \text{ m}^3$
$1 \times 27.0 \times 4.30 \times (1.60 + 1.70)$			2		$= 191.52 \text{ m}^3$
$1 \times 10.0 \times (1.80 + 2.97) \times (1.0 + 1.3 + 1.20)$	2			3	
					$= 27.83 \text{ m}^3$
$1 \times 14.0 \times (4.20 + 5.53) \times (1.0 + 1.80 + 1.20)$	2			3	
					$= 90.81 \text{ m}^3$
$1 \times 25.50 \times (1.70 + 2.55) \times (0.60 + 1.0 + 0.95)$	2			3	
					$= 46.06 \text{ m}^3$
$1 \times 24.30 \times (1.47 + 2.50) \times (1.0 + 1.20 + 0.90)$	2			3	
					$= 49.84 \text{ m}^3$
$1 \times 61.0 \times (2.47 + 2.95) \times (0.90 + 0.50 + 0.75)$	2			3	
					$= 118.47 \text{ m}^3$
$1 \times 60.0 \times 4.17 \times (0.70 + 0.80 + 0.75)$			3		$= 187.65 \text{ m}^3$
$1 \times 7.0 \times (1.70 + 3.23) \times (1.80 + 1.20 + 1.60)$	2			3	
					$= 20.48 \text{ m}^3$
$2 \times 30.0 \times (1.80 + 3.48) \times (1.90 + 1.30 + 1.20 + 1.80)$	2			4	
					$= 265.32 \text{ m}^3$
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1 \times 52.0 \times (1.85 + 3.71) \times (1.80 + 2.10 + 2.0 + 1.55)$					
	2				
				4	
					$= 269.24 \text{ m}^3$
$1 \times 111.0 \times (1.75 + 3.88) \times (1.80 + 2.60 + 2.20 + 1.90)$					
	2				
				4	
					$= 663.99 \text{ m}^3$
					<u>Total - 2360.50 m^3</u>

② Labour for driving 62 mm to 75 mm dia Bamboo piles including cutting to 1 m proper size all complete job

$$1 \times 132 \text{ m} = 132 \text{ m}$$

Nos of Bamboo

$$\frac{132 \text{ m}}{0.30} \times 4 = 1760 \text{ Nos}$$

③ Supplying, fitting and fixing of Bamboo 62 mm to 75 mm dia runners

$$4 \times 132 \text{ m} = 528 \text{ m.}$$

Continuation

Continuation

ABSTRACT

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P/V bricks work on whole floor Q.P. 1 2360.58 m					
Q.P. 1717237 m					
				1	40538522
② labour for fitting and fixing units cutting in size on whole floor Q.P. 3 1760.45					
Q.P. 47258/10 m					837412
③ supply fitting and fixing cornice sum - 81 on whole floor Q.P. 3 528 m Q.P. 24271 m R. 130					130472
④ labour for fitting and fixing drum on whole floor ④ P. 4 158-80 m					
Continuation					
Q.P. 184227 m ²					2911520
					41,79,7520

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			105m		41,79,755.
① Adp		455+2-1			
② 134-			(14)		5,43,3682
③ S-12					
less clay hatr					
2360 - 50m					
④ 1063201m					
					2,50,9212
					49,74,0442
			134m		
			25.3.2021		
			1063201m		
					15.4.21
					20.4.21
					AT

Continuation