FDR 2245

Schedule XLV-Form No. 134

Ranikol to Nargada.

Barsai DIVISION

Kadwa SUB-DIVISION

MEASUREMENT BOOK 1607

प्रमाणित किया जाता है कि इस मापी पुस्तक में 100 (एक सौ) पन्ने मात्र है इस मापी पुस्तक को सहायक अभियन्ता, ग्रामीण कार्य विभाग, कार्य आवर मण्डल द्वारा ही निर्गत किया जाता है।

Executive Engineer
Rural Works Department
Works Division, Barsoi

4-9-20

Sch. XLV—Form No. 134

Barsoi DIVISION

Kadwa SUB-DIVISION

Measurement Book

No.

Name of Officer _____

_____

Date of first entry _____

Date of last entry _____

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.	
CH – 2245 F.D.R.					
Name of Work – Restoration of Work Ranipal to Nargadha					
Agency – Departmental					
Supplier –					
Authority –					
Date of Start –					
Date of Completion –					
Date of entry –					

Record Measurement

1. Providing Brick Bats including, Spreading, Laying Compacting with G.I. Hammer all complete Job

$2 \times 23.70 \times \frac{(1.90+2.63)}{2} \times \frac{(0.85+0.60+0.75)}{3}$

$= 78.73\ M^3$

$2 \times (2 \times 50 + 80.0)$

$2 \times 130.0 \times \frac{(1.38+2.11)}{2} \times \frac{(0.60+0.70+0.80)}{4}$

$= 334.60\ M^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 × 10.50 × $\frac{(1.88+2.31)}{2}$ × $\frac{(0.95+0.85+0.75)}{3}$					= 16.91 M³
1 × 19.0 × $\frac{(1.57+2.05)}{2}$ × $\frac{(0.60+0.50+0.35)}{3}$					= 16.62 M³
1 × 6.30 × $\frac{(1.55+2.0)}{2}$ × $\frac{(0.40+0.50)}{2}$					= 5.03 M³
1 × 10.0 × $\frac{(1.50+2.0)}{2}$ × $\frac{(0.55+0.45)}{2}$					= 8.75 M³
1 × 4.50 × $\frac{(1.47+1.85)}{2}$ × $\frac{(0.60+0.50+0.5)}{3}$					= 3.49 M³
1 × 2.00 × $\frac{(1.40+2.0)}{2}$ × 0.60					= 2.04 M³
1 × 2.10 × $\frac{(1.40+2.0)}{2}$ × 0.60					= 2.14 M³
1 × 5.00 × $\frac{(1.25+1.90)}{2}$ × $\frac{(0.70+0.60)}{2}$					= 5.12 M³ ~~10.07 M³~~
2 × 6 × $\frac{(1.25+1.80)}{2}$ × $\frac{(0.60+0.50)}{2}$					= 10.07 M³

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1 X 15.30	X	$\frac{(3.23+4.05)}{2}$	X	$\frac{(0.90+0.70+0.85)}{3}$	
				=	45.48 M³
1 X 22.0	X	$\frac{(2.10+3.18)}{2}$	X	$\frac{(0.90+1.50+0.85)}{3}$	
				=	62.92 M³
1 X 17.40	X	$\frac{(1.50+1.95)}{2}$	X	$\frac{(0.40+0.50)}{2}$	
				=	13.51 M³
1 X 07.10	X	$\frac{(1.70+3.18)}{2}$	X	$\frac{(0.40+1.60+0.60)}{3}$	
				=	13.54 M³
1 X 5.10	X	$\frac{(1.83+2.30)}{2}$	X	$\frac{(0.30+0.60+0.50)}{3}$	
				=	4.91 M³
1 X 9.30	X	$\frac{(2.0+2.83)}{2}$	X	$\frac{(0.70+0.90+0.80}{3}$	
				=	17.97 M³
1 X 5.3	X	$\frac{(1.35+2.60)}{2}$	X	$\frac{(1.3+1.20)}{2}$	
				=	13.08 M³

Continuation

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

$1 \times 11.30 \times \frac{(2.23 + 2.97)}{2} \times \frac{(0.90 + 0.70 + 0.60)}{3}$

$= 21.55\ m^3$

$1 \times 5.30 \times \frac{(1.90 + 3.70)}{2} \times \frac{(1.7 + 2.1 + 1.6)}{3}$

$= 26.71\ m^3$

$1 \times 6.00 \times \frac{(1.63 + 3.53)}{2} \times \frac{(1.80 + 2.0 + 1.90)}{3}$

$= 29.41\ m^3$

$1 \times 5.80 \times \frac{(0.85 + 1.25)}{2} \times 0.40 =$

$2.44\ m^3$

Part A – $735.02\ m^3$

$1 \times 18.0 \times \frac{(3.80 + 6.50)}{2} \times \frac{(1.4 + 1.3 + 1.5 + 1.20)}{4}$

$= 125.15\ m^3$

$1 \times 9.0 \times \frac{(2.20 + 3.29)}{2} \times \frac{(1.10 + 1.21 + 1.0 + 1.05)}{4}$

$= 26.93\ m^3$

$1 \times 9.0 \times \frac{(2.20 + 4.61)}{2} \times \frac{(1.85 + 2.90 + 3.0 + 1.90)}{4}$

$= 73.93\ m^3$

Part B – $226.01\ m^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	$\frac{(1.58+2.68)}{2}$	×	$\frac{(0.70+0.65+0.80)}{3}$	
				=	49.20 m³
	1	$\frac{(2.27+4.45)}{2}$	×	$\frac{(1.95+1.90+2.40+2.80+1.85)}{5}$	
				=	153.82 m³
	1	30.0	× $\frac{(1.60+3.28)}{2}$	× $\frac{(1.0+1.20+1.20+0.85)}{4}$	
				=	87.76 m³
	1	30	× $\frac{(3.54+7.32)}{2}$	× $\frac{(1.4+1.8+2.8+1.8+1.65)}{5}$	
				=	307.88 m³
	1	30	× $\frac{(1.60+6.20)}{2}$	× $\frac{(1.8+2.4+2.9+2.8+1.6)}{5}$	
				=	269.10 m³
	1	49	× $\frac{(1.45+3.33)}{2}$	× $\frac{(0.85+0.95+1.20+0.75)}{4}$	
				=	109.79 m³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 X 49.0 X		$\frac{(1.70+6.14)}{2}$	X	$\frac{(1.95+2.10+2.40+2.80+1.85)}{5}$	= 426.42 M^3
				Part C-	1403.97 M^3
			Part (A+B+C)	=	2365.00 M^3

Scanned with CamScanner

ABSTRACT OF COST

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH - 2245 FDR					
Name of work:- Restoration of work of Ranikol to Nargada					
Agency:- Departmental					
Length — 5.656 km					
Block — Kadwa					
Division - Barsoi (Katihar)					
(1) P/L Brick Bats including spreading, laying compacting with Hammer all complete job. as per specification & direction ED.					
Qty vide TMB Pg No (6)					
2365.0 M³					
@Rs 1717.37/m³					Rs 40,61,580/-
(2) Add GST 12%					Rs 487,390=00
(3) Add Labour cess 1%					Rs 40616=00
					Rs 4589586=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 4589,586=00
(4) Add 10%. Seigniorage on Brick bats					
2365.0 x 1.20 @ Rs 1063.0/M					
	@ 10%				Rs 301,679=00
					Rs 4891,265=00

Ael
18/4/22
DE