

FDR- 2020-2021

Schedule XLV-Form No. 134

Olipur Masjid Harlazosi To
Mahuar Road

Manihari DIVISION

Manihari

SUB-DIVISION

MEASUREMENT BOOK

316
8/11/2020

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.	
Name of work—	Ulipur				
	Maszig Hahrazani				
	To Mahuar Road				
Agency—	Departmental				
Year—	F.D.R. (Post April)				
Length—	3.500 Km				
Item no. 1—	Providing and				
	Laying of Brick				
	Bath—				Flr
Calculation of Brick Bath					

Ch-25-45R	2.00	X 18.00	X $\frac{2.50+3.60}{2}$	
			X $\frac{1.10+1.60}{2}$	148.23 m ³
Ch-405-410R	8.50	X $\frac{2.60+3.70}{2}$		
			X $\frac{1.10+1.60}{2}$	36.15 m ³
Ch-556-585R	30.00	X $\frac{2.70+3.85}{2}$		
			X $\frac{1.70+1.60}{2}$	169.34 m ³
Ch-570-580	22.00	X $\frac{2.60+3.70}{2}$		
			X $\frac{1.60+1.20}{2}$	97.02 m ³
Ch-780-800R	13.60	X $\frac{2.60+3.70}{2}$		
			X $\frac{0.60+0.80}{2}$	29.04 m ³
Ch-905-925R	15.00	X $\frac{2.50+3.45}{2}$		
			X $\frac{1.50+1.20}{2}$	60.24 m ³
Ch-955-965	9.60	X $\frac{2.65+3.40}{2}$		
			X $\frac{1.20+1.10}{2}$	33.40 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-970-985	12.00	$\frac{2.50+3.50}{2}$			
		$\times \frac{1.20+1.00}{2}$			$= 39.60 m^3$
Ch-1000-1015	13.00	$\frac{2.60+3.40}{2}$			
		$\times \frac{1.30+1.20}{2}$			$= 48.75 m^3$
Ch-1030-1060	2.40	$\frac{3.60}{2}$			
		$\times \frac{3.20+4.10}{2} \times \frac{1.60+1.50}{2}$			$= 407.34 m^3$
Ch-1080-1100	16.10	$\frac{2.80+3.85}{2}$			
		$\times \frac{1.30+1.10}{2}$			$= 62.31 m^3$
Ch-1100-1125	17.00	$\frac{2.80+3.30}{2}$			
		$\times \frac{1.80+1.60}{2}$			$= 83.81 m^3$
Ch-1130-1150	13.00	$\frac{1.30+1.10}{2}$			
		$\times \frac{0.60+0.50}{2}$			$= 10.14 m^3$
Ch-1210-1230	13.70	$\frac{3.20+3.20}{2}$			
		$\times \frac{2.00}{2} \times \frac{1.96}{2}$			$= 92.22 m^3$
Ch-1270-1305	30.00	$\frac{2.80+3.20+3.70}{3}$			
		$\times \frac{1.90+1.10}{2}$			$= 158.43 m^3$
Ch-1300-1330	30.00	$\frac{2.80+3.15}{2}$			
		$\times \frac{1.90+1.20}{2}$			$= 182.25 m^3$
Ch-1330-1360	27.00	$\frac{2.70+3.60}{2}$			
		$\times \frac{1.10+0.96}{2}$			$= 87.60 m^3$
Ch-1370-1400	21.00	$\frac{2.30+3.10}{2}$			
		$\times \frac{1.40+1.10}{2}$			$= 70.88 m^3$
Ch-1400-1415	12.00	$\frac{2.20+1.10}{2}$			
		$\times \frac{0.60+0.50}{2}$			$= 8.97 m^3$
Ch-1470-1481	10.40	$\frac{2.10+1.96}{2}$			
		$\times \frac{1.20+1.00}{2}$			$= 22.93 m^3$
Ch-1575-1599	16.10	$\frac{2.30+2.10}{2}$			
		$\times \frac{1.60+1.30}{2}$			$= 50.19 m^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-1740-1770R	30.00				
		$\frac{2.60+2.80+3.00}{3}$	$\times \frac{1.80+1.30}{2}$		137.95 m ³
Ch-1821-1850R	20.00				
		$\frac{2.50+2.10+2.00}{3}$	$\times \frac{1.00+0.80}{2}$		39.60 m ³
Ch-1920-1935	23.00				
		$\frac{2.65+3.30}{2}$	$\times \frac{1.20+1.00}{2}$		80.33 m ³
Ch-1955-2000	30.00				
		$\frac{2.60+3.20+3.00}{3}$	$\times \frac{1.70+1.00}{2}$		103.40 m ³
Ch-2268-2280	24.00				
		$\frac{2.90+3.00}{2}$	$\times \frac{1.10+1.00}{2}$		80.64 m ³
				Total	2340.92 m ³
				Deduction	

Ch-2545R	2.20				
		$\frac{1.00+0.85}{2}$	$\times \frac{0.70+0.60}{2}$		21.65 m ³
Ch-405-410R	8.50				
		$\frac{1.00+0.70}{2}$	$\times \frac{0.60+0.45}{2}$		4.24 m ³
Ch-1273-1275	2.00				
		$\frac{0.30}{2}$	$\times 0.30$		0.60 m ³
Ch-1270-1305R	30.00				
		$\frac{1.20+1.00+0.85}{3}$	$\times \frac{0.70+0.60+0.55}{3}$		20.04 m ³
Ch-1299-1303	4.00				
		$\frac{0.80}{2}$	$\times 0.80$		3.20 m ³
Ch-1575-1595R	16.10				
		$\frac{1.00+0.90}{2}$	$\times \frac{0.60+0.90}{2}$		11.47 m ³
Ch-1590-1595	5.00				
		$\frac{0.60}{2}$	$\times 0.60$		3.00 m ³
Ch-1635-1650	10.70				
		$\frac{1.10+1.00}{2}$	$\times \frac{0.70+0.60}{2}$		7.30 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-1750-1760	7.00	$\frac{1.20+1.10}{2}$			
		$\times 0.80 + 0.25 =$			5.97 m ³
Ch-1740-1744	30.00	$\frac{1.20+1.10+1.05}{2}$			
		$\times 0.96 + 0.90 =$			31.16 m ³
Ch-1831-1800	30.00	$\frac{1.20+1.10+1.00}{2}$			
		$\times 0.70 + 0.85 =$			28.88 m ³
Ch-1808-1820	20.00	$\frac{0.90+0.80}{2}$			
		$\times 0.60 + 0.40 =$			44.50 m ³
Ch-1821-1850	20.00	$\frac{1.00+0.90+0.80}{2}$			
		$\times 0.70 + 0.60 =$			11.27 m ³
Ch-1850-1855	4.00	$\times 0.80 =$			2.00 m ³
Ch-1955-2000	30.00	$\frac{1.60+1.20+1.10}{2}$			
		$\times \frac{1.00+0.90}{2} =$			37.05 m ³
Ch-2105-2117	12.00	$\times 0.70 =$			8.40 m ³
Ch-2268-2280	24.00	$\frac{1.10+1.0}{2}$			
		$\times 0.90 + 0.60 =$			18.90 m ³
					Total = 259.61 m ³
Item No. 2 - Supplying of empty cement bag					
- - - - - EIC					
Calculation of empty cement					
	18.00	$\times 1.10 \times 0.90 =$			17.82 m ³
	8.50	$\times 2.10 \times 1.00 =$			17.85 m ³
	3.50	$\times 2.50 \times 1.20 =$			10.50 m ³
	5.20	$\times 1.00 \times 0.50 =$			2.60 m ³
	30.00	$\times 0.90 \times 0.50 =$			13.50 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	22.00	X 1.10	X 0.60	=	14.52 m ³
	7.00	X 1.10	X 0.90	=	6.93 m ³
	13.60	X 0.90	X 0.50	=	6.12 m ³
	4.30	X 0.60	X 0.90	=	2.32 m ³
	15.00	X 1.10	X 0.20	=	3.30 m ³
	13.00	X 1.30	X 0.70	=	11.83 m ³
			Total	=	207.29 m ³
<u>Item No 3 - S/F / fixing</u>					
	62 mm to 75 mm dia				
	Bamboo pole / ply				
	in size ---				
	- - - E/L				

<u>Calculation of Bamboo ply</u>			
Length	Width	No	
18.00	0.30 =	60 NO	
8.50	0.30 =	28 NO	
3.50	0.30 =	12 NO	
5.20	0.30 =	17 NO	
30.00	0.30 =	100 NO	
22.00	0.30 =	73 NO	
7.00	0.30 =	23 NO	
13.60	0.30 =	45 NO	
4.30	0.30 =	14 NO	
15.00	0.30 =	50 NO	
13.00	0.30 =	43 NO	
Total - 140.10	0.30 =	467 NO	

Continuation

19/3/21
JE

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
	@	Rs. 47.58/m	Rs.	66659.580
<u>Item no 4 - Supplying fitting and fixing Bamboo</u>				
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		140.10 x 4 =	560.40	
	@	Rs. 24.71/m ²	Rs.	13847.538
<u>Item no 5 - Supplying fitting and fixing in position</u>				
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		140.10 x 2 =	280.20 m	
	@	Rs. 221.67/m ²	Rs.	62117.538
			Total Rs.	3632783.674
			Sub Rs.	36.328

G.S.T @ 12%	Rs- 4.359
L.C @ 14%	0.363
17%	46.050
25%	19/3/2021
AR	JE

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