

FDR - 2020-2021

Schedule XLV-Form No. 134

Kumaripur Hat To Kalibari via Aadiwasi
Tola Bairgaonchi upto Kusha Phar

Manihari

DIVISION

Manihari

SUB-DIVISION

MEASUREMENT BOOK

346
8/11/2020

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 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 - Kumari pur					
Hat Tokalibari					
Aadiwasi Tola					
Bairgachhi Upto					
Kusha Dhar					
Agency - Departmental					
Year - F. D. R. Part A (low)					
Length - 3.450 KM					
Item no. 1 - Providing and					
laying of Brick					
Bats - - - E/I					

Calculation of Brick Bats

1-1070-1100	1.10 x 8.00 x $\frac{2.00+2.10}{2}$			
	x $\frac{2.00+2.10}{2}$	=	33.62 m ³	
1-1120-1135 R	1.10 x 15.00 x $\frac{3.00+3.20}{2}$			
	x $\frac{1.50+1.60}{2}$	=	144.15 m ³	
1-1100-1105	1.10 x 7.00 x $\frac{3.50+3.60}{2}$			
	x $\frac{2.00+2.10}{2}$	=	50.94 m ³	
Ch-1350-1360 R	1.10 x 2.00 x 1.00 x 0.10 =	1.00 m ³		
Ch-1765-1790	1.10 x 2.60 x 1.20 x 0.50 =	1.56 m ³		
Ch-1820-1835	1.10 x 3.00 x 1.50 x 0.50 =	2.25 m ³		
Ch-1905-1910 R	1.10 x 3.20 x 1.50 x 0.50 =	2.40 m ³		
Ch-2135-2145	1.10 x 7.10 x 1.50 x 0.50 =	5.33 m ³		
Ch-2140-2145 R	1.10 x 4.00 x 1.50 x 0.60 =	3.60 m ³		
Ch-2150-2170 R	1.10 x 14.50 x $\frac{3.20+2.50}{2}$			
	x $\frac{1.60+1.40}{2}$	=	61.99 m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.D.	B.	D.	
Ch-2235-2265	2 No	$\times 25.00$	$\times 3.00 + 2.90$		
			$\times \frac{2.10 + 1.90}{2}$		$295.00 m^3$
Ch-2335-2350	1 No	$\times 15.50$	$\times 3.60 + 2.10$		
			$\times \frac{1.40 + 1.60}{2}$		$66.26 m^3$
Ch-2500-2515	1 No	$\times 10.00$	$\times 2.10 + 1.95$		
			$\times \frac{1.20 + 1.60}{2}$		$28.35 m^3$
Ch-2520-2540	1 No	$\times 13.00$	$\times 3.00 + 3.10$		
			$\times \frac{1.40 + 1.20}{2}$		$51.55 m^3$
Ch-2630-2645	2 No	$\times 15.00$	$\times 3.20 + 3.00$		
			$\times \frac{2.10 + 2.00}{2}$		$130.65 m^3$
Ch-2650-2670	2 No	$\times 13.60$	$\times 2.50 + 2.10$		
			$\times \frac{1.90 + 1.50}{2}$		$106.35 m^3$
Ch-2675-2700	1 No	$\times 14.00$	$\times 3.00 + 2.40$		
			$\times \frac{1.40 + 1.10}{2}$		$47.25 m^3$
Ch-2710-2730	2 No	$\times 15.10$	$\times 2.50 + 2.30$		
			$\times \frac{1.60 + 1.30}{2}$		$98.53 m^3$
Ch-2930-2950	1 No	$\times 13.40$	$\times 1.40 + 3.0$		
			$\times \frac{0.60 + 0.55}{2}$		$10.40 m^3$
Ch-3150-3170	2 No	$\times 7.00$	$\times 2.10 + 1.95$		
			$\times \frac{1.00 + 0.95}{2}$		$67.13 m^3$
Ch-3171-3180	1 No	$\times 6.50$			
		$\times 3.10 + 2.60$	$\times \frac{2.00 + 1.60}{2}$		$33.35 m^3$
Ch-3176-3185	1 No	$\times 8.00$	$\times 2.00 + 2.90$		
			$\times \frac{7.00 + 0.90}{2}$		$18.62 m^3$
Ch-3190-3200	1 No	$\times 10.00$	$\times 1.60 + 2.00$		
			$\times \frac{0.50 + 0.60}{2}$		$9.90 m^3$
Ch-3250-3260	1 No	$\times 9.50$			
		$\times \frac{2.10 + 2.00}{2}$	$\times \frac{1.75 + 1.00}{2}$		$26.78 m^3$
Ch-3261-3270	2 No	$\times 25.50$			

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	D.	
Ch-1100-1110 R	1 No	$\frac{2.60+3.40}{2} \times 2.10 \times 1.60$		283.05 m^3
Ch-1110-1120 R	1 No	$\frac{2.60+3.40}{2} \times 2.10 \times 1.60$		
Total =				1640.00 m^3
<u>Deduction</u>				
Ch-1100-1110 R	1 No	$\frac{2.00 \times 0.80 + 0.65}{2}$		4.694 m^3
Ch-1120-1135 R	2 No	$\frac{1.50+1.20}{2} \times \frac{100+10.85}{2}$		37.463 m^3
Ch-1135-1160 R	1 No	$\frac{2.00 \times 0.40 + 0.30}{2}$		0.24 m^3
Ch-2135-2145 R	1 No	$\frac{7.10 \times 0.60 + 0.35}{2}$		1.49 m^3
Ch-2140-2145 R	1 No	$\frac{4.00 \times 0.70 + 0.40}{2}$		1.12 m^3
Ch-2500-2515 R	1 No	$\frac{10.00 \times 0.75 + 0.60}{2}$		
Ch-2515-2530 R	1 No	$\frac{10.40 + 0.55}{2}$		2.531 m^3
Ch-2650-2680 R	2 No	$\frac{13.60 \times 1.00 + 1.10}{2}$		
Ch-2680-2710 R	1 No	$\frac{1.00 + 0.90}{2}$		33.992
Ch-2695-2690 R	1 No	$\frac{14.00 \times 1.10 + 1.00}{2}$		
Ch-2710-2715 R	1 No	$\frac{0.95 + 0.85}{2}$		13.230 m^3
Ch-3171-3180 R	1 No	$\frac{6.50 \times 0.80 + 0.65}{2}$		
Ch-3180-3190 R	1 No	$\frac{0.55 + 0.40}{2}$		2.238 m^3
Ch-3176-3185 R	1 No	$\frac{8.00 \times 1.20 + 1.00}{2}$		
Ch-3185-3190 R	1 No	$\frac{0.85 + 0.60}{2}$		6.38 m^3
Ch-3261-3270 R	2 No	$\frac{25.70 \times 1.60 + 1.00}{2}$		
Ch-3270-3280 R	1 No	$\frac{0.90 + 0.85}{2}$		58.013 m^3
Ch-3280-3290 R	1 No			
Total =				160.99 m^3
Say due Qty.				-160.99 m^3
<u>Item not Supplying of empty</u>				
Cement bag				
E & E				
<u>Calculation of empty Cement bag</u>				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No X 8.00 X 2.00 X 1.00 =					16.00 m ³
1 No X 7.00 X 1.50 X 0.75 =					9.98 m ³
2 No X 15.00 X 1.60 X 0.75 =					18.00 m ³
2 No X 25.00 X 1.40 X 0.65 =					22.75 m ³
1 No X 25.50 X 2.10 X 1.00 =					53.55 m ³
1 No X 13.60 X 2.00 X 0.75 =					25.84 m ³
1 No X 13.00 X 1.40 X 0.55 =					10.01 m ³
2 No X 17.00 X 1.90 X 0.65 =					21.00 m ³
2 No X 14.00 X 0.60 X 0.95 =					7.98 m ³
1 No X 14.50 X 2.00 X 1.00 =					29.00 m ³
2 No X 25.00 X 1.25 X 0.88 =					38.50 m ³
1 No X 10.00 X 2.10 X 0.95 =					19.95 m ³
Total =					272.55 m ³

Item No 3 - S/F/Fixing 62mm

to 75mm dia bamboo

Piles in size - -

- - - E/L

Calculation of Bamboo Piles

L ^o	Length	Width	No
	8.00	0.30 =	27 No
	7.00	0.30 =	23 No
	15.00	0.30 =	50 No
	25.00	0.30 =	83 No
	25.50	0.30 =	85 No
	13.60	0.30 =	45 No
	13.00	0.30 =	43 No
	17.00	0.30 =	57 No

Continuation

Abstract cost	
Name of work - Kumari Por Hat to Kalibari	
N/A	Hadiwasi Tolg
	Bairgaachhi upto
	Kusha Dhar
Agency	Departmental
year	F.D.R Part A (2020)
length	3.450 KM
<u>Item No 1</u> Providing and laying of Brick Bah	
	E/I
1670.27	-(160.77+272.55) = 1257.23
@ Rs. 1717.370/M ²	Rs. 2071927.155
<u>Item No 2</u> Supplying of empty cement bag and labour	
	E/I

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
	272.55	/	0.034	=	8016
	@ Rs-92.40	/m ²	R/-		257637.92
<u>Item No 3</u> -S/P/Fixing 62 mm to 75mm bamboo piles in size				E/I	
	625X3	=	1876.00	m ⁴	
	@Rs-47.58	/m ³	R/-		89260.080
<u>Item No 4</u> -Supplying fitting and Fixing Bamboo runner - - E/I					
	187.60X4	=	750.40		
	@Rs-24.71	/m ³	R/-		18542.384
<u>Item No 5</u> -Supplying fitting and fixing in Position spot - - E/I					
	187.60X2	=	375.20		
	@Rs-221.69	/m ²	R/-		83178.088
Total:					2520547.618
Say R/-					25.205
G.S.T @ 12% R/-					3.025
L.I.C @ 1% R/-					0.252
Total =					28.482
<i>[Signature]</i>					<i>[Signature]</i>
					19/3/2021 JC
<i>[Signature]</i>					