

FDR 2020-21

Schedule XLV-Form No. 134

PWD Manihari - Amdabad Path To
Manoharpur Chaudhary Tola

DIVISION

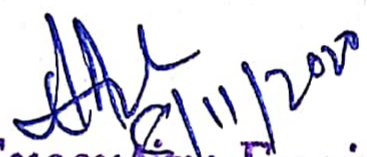
MANIHARI

SUB-DIVISION

MEASUREMENT BOOK

340
8/11/2020

प्रमाणित किया जाता है कि इस
तापी फुल में मशीन द्वारा बंकि
कुल 100 पन्ने बंकि है। श्री
आलेश्वर कुमार, काठ बंकि
मनिहारी के नाम से निमित्त
किया जाता है। ।


Executive Engineer
Rural Works Department
Works Division, Manihari


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.	
Name of work—					
Manihari to Mandabad					
Path to Manchampur					
Chaudhary Tola					
Agency—					
Departmental					
Length—					
3.660 km					
Year					
F.D.R. Part (200)					
Item No. 1—					
Providing and					
laying of Bricks					
Bats ———				E/2	

Calculation of Bricks Bats					
2 No x 29.00 x	$\frac{2.60 + 2.10 + 2.30}{3}$				
	$\times \frac{1.85 + 1.70 + 1.65}{3}$	=	247.982 ³		
1 No x 21.00 x	$\frac{3.20 + 3.10 + 3.00}{3}$				
	$\times \frac{1.30 + 1.10}{2}$	=	78.120 ^m		
1 No x 7.20 x	$\frac{2.70 + 2.10 + 1.80}{3}$				
	$\times \frac{1.00 + 0.90 + 0.75}{3}$	=	14.820 ^m		
1 No x 14.00 x	$\frac{1.70 + 2.20 + 2.10}{3}$				
	$\times \frac{1.90 + 1.80}{2}$	=	49.187 ^m		
1 No x 24.00 x	$\frac{2.60 + 2.10 + 2.00}{3}$				
	$\times \frac{1.80 + 1.75}{2}$	=	37.519 ^m		
2 No x 26.50 x	$\frac{2.80 + 2.60 + 2.40}{3}$				
	$\times \frac{1.10 + 0.95}{2}$	=	141.245 ^m		
2 No x 23.40 x	$\frac{2.80 + 2.60 + 2.40}{3}$				
	$\times \frac{1.00 + 0.95}{2}$	=	124.722 ^m		

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No X 20.00	X	$\frac{2.50+2.10+2.00}{3}$			
		$\times \frac{1.60+1.40+0.95}{3}$			57.933^3
1 No X 13.00	X	$\frac{1.90+1.75+1.00}{3}$			
		$\times \frac{0.90+1.00+0.95}{3}$			19.143^3
1 No X 21.00	X	$\frac{2.70+2.75+3.10}{3}$			
		$\times \frac{1.10+1.20+1.00}{3}$			64.295^3
1 No X 16.80	X	$\frac{2.60+2.85+3.10}{3}$			
		$\times \frac{1.30+1.20+1.00}{3}$			55.207^3
				Total	950.17
Deduction					
2 No X 7.20	X	$\frac{1.10+1.00+1.00}{3}$			
		$\times \frac{0.90+0.85+0.60}{3}$			5.580^3
1 No X 14.00	X	$\frac{1.20+1.10+1.00}{3}$			
		$\times \frac{0.80+0.80}{2}$			12.170^3 12.705^3
1 No X 12.00	X	$\frac{1.10+1.00+1.05}{3}$			
		$\times \frac{0.90+0.65}{2}$			10.172^3
1 No X 24.60	X	$\frac{1.10+1.05+1.00}{3}$			
		$\times \frac{0.95+0.85}{2}$			23.247^3
2 No X 26.50	X	$\frac{1.30+1.10+1.00}{3}$			
		$\times \frac{1.00+0.95}{2}$			58.565^3
1 No X 20.00	X	$\frac{1.10+1.00+1.00}{3}$			
		$\times \frac{0.95+0.80+0.70}{3}$			16.878^3
1 No X 13.00	X	$\frac{1.20+1.00+1.00}{3}$			
		$\times \frac{0.90+0.80+0.70}{3}$			11.093^3
1 No X 11.00	X	$\frac{1.00+0.95+1.00}{3}$			
		$\times \frac{0.90+0.80+0.70}{3}$			15.832^3

Continuation

Sch. XLV—Form NO. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
1 NO X 16 80 X	1.304	1.104	1.100		
	X	$\frac{1.00 + 0.70 + 0.80}{3}$			17.736 m ³
				Total =	171.021 m ³
<u>Item No 2 - Supplying of empty</u>					
Cement bag					
E.I.					
<u>Calculation of empty cement bag</u>					
2 NO X 29.00 X 0.90 X 0.70 =					36.540 m ³
1 NO X 3.50 X 1.50 X 1.00 =					5.250 m ³
1 NO X 6.50 X 1.70 X 0.85 =					9.393 m ³
1 NO X 21.00 X 1.10 X 0.70 =					16.170 m ³
1 NO X 14.00 X 1.70 X 0.70 =					8.400 m ³

1 NO X 12.50 X 1.00 X 0.70 =					8.750 m ³
1 NO X 24.60 X 0.70 X 0.45 =					5.535 m ³
2 NO X 26.50 X 1.00 X 0.50 =					26.500 m ³
			Total =		116.54 m ³

<u>Item No 3 - S/F/ firing 62</u>					
to 75mm to bamboo					
Piles in size					
E.I.					

Calculation of bamboo pile

	length	width	no
1 NO	29.00	0.30 =	97 NO
1 NO	3.50	0.30 =	12 NO
1 NO	6.50	0.30 =	22 NO
1 NO	21.00	0.30 =	70 NO

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NO	14.00		0.30		47.40
1 NO	12.50		0.30		42.40
1 NO	24.60		0.30		42.40
1 NO	26.50		0.30		82.40
Total	137.60		0.30		88.40
Total	137.60		12		453.40

Abstract cost

Name of work	PWD
Manihari-Amdabad	
Path to Maniharpor	
work chaudhary	
Total	
Agency	Departmental
Year	F.P.E. Part (2020)
Length	3.660 KM
Item no 1	Providing
	and laying of
	Brick Bat.
	- - - F/L

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
896.41 - (171 + 21 + 116.54) = 608.66					
@ Rs-1712.370/m ³ Rs-					1137631.804
<u>Item no 2</u> Supplying of					
empty cement bag					
and labour - - E/I					
11654 / 0.034 = 3428					
@ Rs-32.140/m ³ Rs-					110162.213
<u>Item no 3</u> - S/F/Fixing to					
62 mm to 75 mm dia					
bamboo piles -					
459 x 3 = 1376.00					
@ Rs-47.58/m ³ Rs-					65470.080
<u>Item no 4</u> Supplying of fitting					
and fixing Bamboo					
Runner including					
Cost - - - - E/I					
137.60 x 4 = 550.40					
@ Rs-24.71/m ³ Rs-					13600.384
<u>Item no 5</u> Supplying fitting					
and fixing in position					
Split - - - - E/I					
137.60 x 2 = 275.20 m ²					
@ Rs-221.67/m ² Rs-					61007.088
Total Rs-					1387873.000
Say Rs-					13.879

Continuation

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