

FDR 2020-2021

Schedule XLV-Form No. 134

PWD Katihar-Manihari Road To Dargah Tola

MANIHARI

DIVISION

MANIHARI

SUB-DIVISION

MEASUREMENT BOOK

310
8/11/2020

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—P.W.D					
Katihar + Manihari					
Road To dagra					
Tola					
Agency—Departmental					
Year—F.D.R Part A (2020)					
Length—1.433 KM					
Item no—1 Providing and					
Laying of Bridge					
Bats — — — G-12					
Calculation of Bridge Bats					

ch-0.00-600 R.S	5.00	2.00	0.50	5.00 m ³
LFT	30.00	1.50	1.00	45.00 m ³
R.S	5.00	1.50	1.00	22.50 m ³
2ND	22.60	$\frac{2.60+3.00}{2}$		
		$\frac{1.50+1.50+1.00}{3}$		172.97 m ³
Between	20.00	4.00	0.80	64.00 m ³
ch-600-1000 R.S	15.00	2.00	0.50	21.00 m ³
LFT	25.58	2.00	0.90	45.90 m ³
LFT	23.50	2.00	0.80	37.60 m ³
R.S	15.00	2.00	0.90	27.00 m ³
2ND	23.40	$\frac{2.30+2.90}{2}$		
		$\frac{1.50+1.50+1.10}{3}$		170.35 m ³
21.00	$\frac{2.50+3.20}{2}$	$\frac{1.00+1.50+0.90}{3}$		67.83 m ³
29.70	$\frac{2.60+3.50}{2}$	$\frac{1.10+1.20+0.95}{2}$		99.94 m ³
LFT	10.00	2.00	1.00	20.00 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
RS 5.00 X 2.00 X 0.90 =					9.00 m ³
RS 8.00 X 2.00 X 0.90 =					14.40 m ³
Ch. 1000-1500 RS- 30.00 X 1.50					
				X 1.10 =	49.50 m ³
RS 15.00 X 1.00 X 0.80 =					12.00 m ³
20.00 X 1.00 X 1.00 =					20.00 m ³
				Total =	903.79 m ³
<u>Deduction</u>					
2 No X 22.60 X $\frac{0.80+0.30}{2}$ X					
				$\frac{0.90+0.60+0.25}{3}$ =	10.55 m ³
Between 20.00 X 0.90 X 0.35 =					6.30 m ³
Ch- 600-1000 RS- 15.00 X 1.50 X 0.35 =					7.88 m ³
LFT 20.00 X 1.00 X 0.65 =					13.00 m ³
LFT 15.00 X 1.00 X 0.90 =					16.20 m ³

RS. 15.00 X 0.80 X 0.60 =					7.20 m ³
2 No X 23.40 X $\frac{1.20+1.10}{2}$ X					
				$\frac{1.00+1.00+0.90}{2}$ =	52.03 m ³
21.00 X $\frac{0.90+0.85}{2}$ X					
				$\frac{0.60+0.65+0.25}{2}$ =	9.19 m ³
29.70 X $\frac{1.30+1.20}{2}$ X $\frac{0.90+0.15+0.10}{3}$ =					14.23 m ³
				Total =	42.00
					136.57 m ³

Item No 2 - Supplying of
empty cement bag
and labour - - E/D

Calculation of empty
Cement bag

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		5.00	1.50	0.80	$3.75m^3$
		30.00	1.20	1.00	$36.00m^3$
		15.00	1.10	1.00	$16.50m^3$
		20.00	2.20	0.80	$22.00m^3$
		15.00	1.10	0.90	$14.85m^3$
		16.00	2.00	2.00	$40.00m^3$
		5.00	2.00	1.00	$10.00m^3$
		8.00	2.00	1.00	$16.00m^3$
		Total			$159.10m^3$

Item 403 - SdF / Fixing

62 to 75mm dia

bamboo pile in

Size - E 12

Calculation of bamboo pile

length	width	No
5.00	0.30	17 NO
30.00	0.30	= 100 NO
15.00	0.30	= 50 NO
20.00	0.30	= 67 NO
15.00	0.30	= 50 NO
10.00	0.30	= 33 NO
5.00	0.30	= 17 NO
8.00	0.30	= 27 NO
Total - 108.00		= 360 NO

Continuation

Continuation

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