

~~108~~

FDR-2020-2021

Schedule XLV-Form No. 134

BALDIYABARI-MIRZAPUR TO
KLNARA TOLA

MANIHARI DIVISION

MANIHARI SUB-DIVISION

MEASUREMENT BOOK

328
8/11/2020

1
Name for 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 - Baldiyabari					
Mirzapur to Kinfra					
Total					
Agency - Departmental					
Year F.P.R. Part A(20)					
Length - 2.176 KM					
Item No. 1 - Providing and					
Laying of Brick Bat					
— — — — — G/I					
Calculation of Brick Bat					

25.00 x	$\frac{2.80 + 3.70}{2} \times 1.20 =$	81.90 m ³
15.00 x	$\frac{1.00 + 1.70}{2} \times 0.80 =$	16.20 m ³
6.00 x	$\frac{1.40 + 2.30}{2} \times 0.80 =$	8.88 m ³
15.00 x	$\frac{2.40 + 3.70}{2} \times 1.40 =$	64.05 m ³
25.50 x	$\frac{2.90 + 3.80}{2} \times 1.60 =$	136.68 m ³
28.00 x	$\frac{2.50 + 4.60}{2} \times 1.60 =$	159.04 m ³
6.00 x	$\frac{1.10 + 2.20}{2} \times 1.10 =$	10.89 m ³
6.00 x	$\frac{0.80 + 1.30}{2} \times 1.00 =$	6.30 m ³
26.40 x	$\frac{3.80 + 4.40}{2} \times 1.60 =$	166.85 m ³
21.00 x	$\frac{2.75 + 3.50}{2} \times 1.00 =$	65.63 m ³
5.00 x	$\frac{1.10 + 1.60}{2} \times 0.70 =$	4.73 m ³
15.00 x	$\frac{2.60 + 3.50}{2} \times 1.50 =$	68.63 m ³
25.00 x	$\frac{2.10 + 4.60}{2} \times 0.70 =$	58.63 m ³
3.00 x	$2.50 \times 0.70 =$	5.25 m ³
1.50 x	$\frac{0.75 + 1.00}{2} \times 0.60 =$	0.77 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30.00	X	$\frac{3.10 + 4.60}{2}$	X	1.70	$= 196.35 m^3$
6.00	X	$\frac{3.00 + 4.60}{2}$	X	1.60	$= 36.48 m^3$
23.50	X	$\frac{2.50 + 3.60}{2}$	X	1.20	$= 86.01 m^3$
13.00	X	$\frac{2.50 + 4.60}{2}$	X	1.30	$= 87.69 m^3$
9.00	X	$\frac{1.60 + 2.80}{2}$	X	1.20	$= 23.76 m^3$
Total					$= 1284.69 m^3$

Deduction

6.00	X	$\frac{0.65 + 0.85}{2}$	X	0.45	$= 2.03 m^3$
2.30	X	$\frac{0.80 + 0.30}{2}$	X	0.40	$= 0.51 m^3$
9.00	X	$\frac{0.70 + 0.80}{2}$	X	0.50	$= 3.83 m^3$
5.00	X	$\frac{0.75 + 0.65}{2}$	X	0.55	$= 1.93 m^3$
15.00	X	$\frac{0.45 + 0.35}{2}$	X	0.25	$= 1.50 m^3$
25.50	X	$\frac{0.80 + 0.85}{2}$	X	0.85	$= 15.71 m^3$

28.00	X	$\frac{1.00 + 0.90}{2}$	X	0.80	$= 19.45 m^3$
4.00	X	$\frac{0.90 + 0.50}{2}$	X	0.90	$= 2.52 m^3$
30.00	X	$\frac{1.10 + 1.20}{2}$	X	1.00	$= 34.50 m^3$
3.80	X	$\frac{0.70 + 0.75}{2}$	X	0.90	$= 2.48 m^3$
25.00	X	$\frac{1.00 + 1.20}{2}$	X	0.25	$= 7.19 m^3$
30.00	X	$\frac{0.95 + 0.65}{2}$	X	0.25	$= 6.00 m^3$
Total					$= 98.13 m^3$

Item No-2 - Supply of emb

Cement to be labar

filling cement - - - E.I

Calculation of empty cement bag

21.00	X	1.50	X	1.00	$= 31.50 m^3$
15.00	X	1.70	X	0.75	$= 24.23 m^3$
6.00	X	2.30	X	0.80	$= 11.87 m^3$
15.00	X	4.60	X	1.00	$= 69.00 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
25.50 X 1.10 X 0.86 =					24.12 m ³
28.00 X 2.20 X 0.65 =					40.04 m ³
3.00 X 1.30 X 0.75 =					2.93 m ³
6.00 X 1.70 X 0.75 =					7.65 m ³
6.00 X 1.60 X 0.95 =					9.12 m ³
2.30 X 1.10 X 0.85 =					2.15 m ³
9.00 X 0.95 X 0.80 =					6.84 m ³
5.00 X 1.20 X 1.00 =					6.00 m ³
Total =					235.44 m ³

Item No 2 S/F Fixing 6mm

4075mm dia bamboo

in size - E/I

Calculation of Bamboo Pile

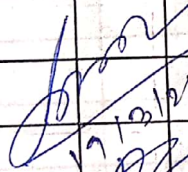
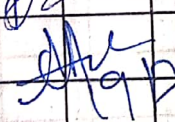
Length	Width	No
21.00	0.30 =	70 No
15.00	0.30 =	50 No
6.00	0.30 =	20 No
15.00	0.30 =	50 No
25.50	0.30 =	85 No
28.00	0.30 =	93 No
3.00	0.30 =	10 No
6.00	0.30 =	20 No
6.00	0.30 =	20 No
2.30	0.30 =	8 No
9.00	0.30 =	30 No
5.00	0.30 =	17 No
Total = 141.80		= 473 No

Continuation

19/3/21
JE

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

			Say Rs-	20003
			G.S.T @ 12% Rs-	2400
			L.C @ 1% Rs-	0.200
			Total Rs-	22604


 17/12/21

 19/12

Continuation