

FDR 2020-21

Schedule XLV-Form No. 134

L03L-T05 To Abdullahpur (Track 31)

DIVISION

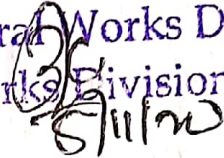
MANIHART

SUB-DIVISION

MEASUREMENT BOOK

317
08/11/2020

प्रमाणित किया जाता है कि इस
मापी पुस्तक में मशीन द्वारा कुल
100 पन्ने वर्णित हैं। यह अभिलेख
श्री बालदेव कुमार, मनिहरी के
ग्राम से निगम किया जाता है।


Executive Engineer
Rural Works Department
Works Division, Manihari


Sch. XLV—Form No. 134

Name of work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

(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-1031-T05					
To Abdullahpur					
(Track 31)					
Agency- Departmental					
Length - 0.972 KM					
Year- F.D.R Part A (2022)					
Item No 1 - Providing and					
laying of Brick Bat					
- - - - - E/L					
Calculation of Brick Bats					

4.60	$\times \frac{1.20 + 1.80}{2}$	$\times 0.60 =$	4.14 m ³
20.00	$\times \frac{1.40 + 3.30}{2}$	$\times 0.90 =$	44.10 m ³
15.00	$\times \frac{1.10 + 3.00}{2}$	$\times 1.00 =$	42.40 m ³
9.50	$\times \frac{2.10 + 2.60}{2}$	$\times 0.70 =$	15.63 m ³
12.40	$\times \frac{2.60 + 2.70}{2}$	$\times 0.60 =$	20.46 m ³
29.00	$\times \frac{2.50 + 3.20}{2}$	$\times 1.00 =$	82.65 m ³
18.50	$\times \frac{2.50 + 3.70}{2}$	$\times 1.00 =$	57.35 m ³
13.50	$\times \frac{2.50 + 3.60}{2}$	$\times 1.00 =$	41.18 m ³
13.30	$\times \frac{2.50 + 3.60}{2}$	$\times 1.00 =$	40.57 m ³
17.50	$\times \frac{2.50 + 3.60}{2}$	$\times 0.90 =$	48.04 m ³
9.00	$\times \frac{1.20 + 2.20}{2}$	$\times 1.00 =$	15.30 m ³
8.50	$\times \frac{0.50 + 1.50}{2}$	$\times 0.80 =$	7.48 m ³
11.00	$\times \frac{1.20 + 2.50}{2}$	$\times 1.00 =$	17.60 m ³
18.50	$\times \frac{1.20 + 1.70}{2}$	$\times 0.90 =$	25.81 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14.00 X	$\frac{1.00 + 2.00}{2}$		X 1.10 =		23.87 ^m
30.00 X	$\frac{1.50 + 2.60}{2}$		X 1.00 =		61.50 ^m
3.00 X	$\frac{4.20 + 6.00}{2}$		X 0.20 =		3.08 ^m
23.00 X	$\frac{4.20 + 4.20}{2}$		X 0.30 =		31.26 ^m
15.00 X	$\frac{1.00 + 1.80}{2}$		X 1.00 =		21.00 ^m
12.00 X	$\frac{1.00 + 1.60}{2}$		X 0.70 =		10.92 ^m
20.20 X	$\frac{1.00 + 1.80}{2}$		X 1.00 =		28.28 ^m
21.50 X	$\frac{2.10 + 2.00}{2}$		X 1.30 =		57.30 ^m
12.00 X	$\frac{1.20 + 2.60}{2}$		X 1.60 =		36.48 ^m
28.50 X	$\frac{1.50 + 2.50}{2}$		X 0.95 =		54.15 ^m
19.200 X	$\frac{1.00 + 2.00}{2}$		X 1.20 =		41.40 ^m
			Total =		862.68 ^m
Deduction					

15.00 X	$\frac{1.00 + 1.50}{2}$		X 1.00 =		18.75 ^m
30.00 X	$\frac{0.90 + 0.85}{2}$		X 1.00 =		26.25 ^m
18.50 X	$\frac{1.00 + 1.40}{2}$		X 0.86 =		16.71 ^m
13.50 X	$\frac{0.60 + 0.45}{2}$		X 0.45 =		3.19 ^m
13.30 X	$\frac{0.30 + 0.85}{2}$		X 0.35 =		4.07 ^m
17.50 X	$\frac{1.00 + 1.50}{2}$		X 0.90 =		21.26 ^m
14.00 X	$\frac{0.90 + 0.85}{2}$		X 0.90 =		11.09 ^m
28.50 X	$\frac{0.95 + 0.85}{2}$		X 0.60 =		15.39 ^m
20.20 X	$\frac{0.65 + 0.55}{2}$		X 0.35 =		4.24 ^m
21.50 X	$\frac{0.65 + 0.70}{2}$		X 0.45 =		6.53 ^m
32.00 X	$\frac{1.00 + 0.95}{2}$		X 0.95 =		27.64 ^m
23.00 X	$\frac{1.00 + 0.95}{2}$		X 0.85 =		19.06 ^m
			Total =		176.12 ^m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No-2- Supplying & emptying</u>					
Cement bag and labour					
- - - - - E/F					
<u>Calculation of ^{empty Cement bag} Belt Bags</u>					
15.00	X	1.00	X	0.90	= 13.50 m ³
30.00	X	0.90	X	0.50	= 13.50 m ³
18.50	X	1.00	X	0.60	= 11.10 m ³
18.50	X	1.20	X	0.40	= 6.48 m ³
13.30	X	1.00	X	0.50	= 6.65 m ³
6.00	X	1.60	X	0.80	= 7.68 m ³
17.50	X	1.20	X	0.40	= 8.40 m ³
9.00	X	1.50	X	1.00	= 13.50 m ³
14.00	X	1.20	X	0.40	= 6.72 m ³
7.00	X	1.60	X	0.80	= 8.96 m ³
28.50	X	0.80	X	0.40	= 7.98 m ³
20.20	X	1.00	X	0.70	= 14.14 m ³
5.00	X	1.60	X	1.00	= 8.00 m ³
21.50	X	0.90	X	0.40	= 7.74 m ³
23.00	X	1.20	X	0.20	= 5.52 m ³
Total =					139.87 m ³

Item No3 - S/F Fixing 62m

to 25mm dia bamboo

Piles size - - - E/F

Calculation of Bamboo Piles

ie	length	width	Rate
15	15.00	0.30 =	50 No
	30.00	0.30 =	100 No

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	18.50		0.30	=	62 NO
	13.50		0.30	=	65 NO
	13.30		0.30	=	44 NO
	6.00		0.30	=	20 NO
	17.50		0.30	=	58 NO
	9.00		0.30	=	30 NO
	14.00		0.30	=	47 NO
	7.00		0.30	=	23 NO
	28.50		0.30	=	95 NO
	20.20		0.30	=	67 NO
	5.00		0.30	=	17 NO
	21.50		0.30	=	72 NO
	22.00		0.30	=	77 NO

T4 = 242.00 Total = 807 NO

Abstract cost

Name of work - 1031-TOS

To Abdullahpur

(Track 32)

Agency - Departmental

Year - F.P.R Part A (2020)

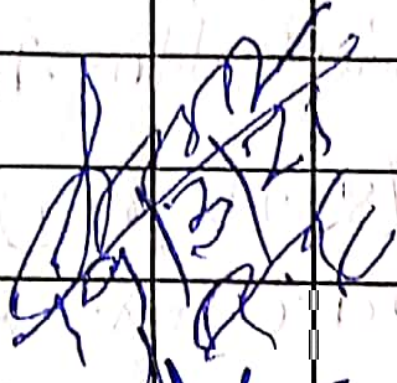
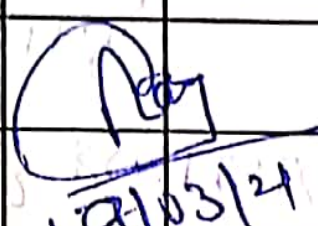
Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
length - 0.9721 CM					
<u>Item No 1 - Providing</u>					
and laying of					
Brick Bats - -					
- - - E/L					
$862.68 - (198.03 + 139.89) =$					
$= 546.69$					
@ Rs-1727.370/m ² Rs-938861.49					
<u>Item No 2 - Supplying of</u>					
Cement bag - - - E/L					
$139.87 / 0.034 = 4114 \text{ m}^2$					
@ Rs-32.140/m ² Rs-132218.288					
<u>Item No 3 - S/F/Fixing 62 mm</u>					
75 mm dia bamboo					
Plates in size - - - E/L					
$807 \times 3 = 2420.00 \text{ m}^2$					
@ Rs-47.58/m ² Rs-115143.600					
<u>Item No 4 - Supplying fitting</u>					
and fixing Bamboo					
- - - E/L					
$242.00 \times 4 = 968$					
@ Rs-24.71/m ² Rs-23919.280					
<u>Item No 5 - Supplying fitting</u>					
and fixing in position					
- - - E/L					
$242 \times 2 = 484.00 \text{ m}^2$					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		@ Rs-228.67 / m ²			107297.760
		Total			1317440.62
		Says Rs-			13.174
		G.S.T @ 12%			Rs- 1.581
		L.C. @ 1%			Rs- 0.132
		Total Rs-			14.887
		Limit-			14.3550
					
		19/03			19/03/24
					S-E