

FDR - 2020-2021

Schedule XLV-Form No. 134

Manihari - Amdabad p w d Road
To Mirkel Tola

DIVISION

Manihari

Manihari

SUB-DIVISION

345

MEASUREMENT BOOK

8/11/2020

8/11/2020

7.

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—Maminari					
-Amdabad PWD					
Road to Minkel					
Tola					
Agency—Departmental					
Year—R.D.R. Parmanand					
Length—1.200 KM					
Item no. 2 Providing and					
laying of Brick					
Batch					

Calculation of Brick Bats

Ch-350-360 R	1 No X 10.00			
	$\times \frac{2.50+3.20}{2} \times \frac{1.60+1.00}{2}$			$= 29.95 m^3$
Ch-450-475 R	2 No X 18.00 X			
	$\frac{2.80+3.55}{2}$			$= 139.725 m^3$
Ch-470-500	1 No X 30.00 X			
	$\frac{2.60+3.40}{2} \times \frac{1.60+1.00}{2}$			$= 17.000 m^3$
Ch-495-510 R	1 No X 18.00			
	$\times \frac{2.50+3.20}{2} \times \frac{1.60+1.00}{2}$			$= 55.575 m^3$
Ch-500-550	2 No X 20.00 X			
	$\frac{2.50+3.90}{2} \times \frac{1.0+1.00}{2}$			$= 134.400 m^3$
Ch-610-650 R	1 No X 30.00			
	$\times \frac{2.60+3.70}{2} \times \frac{1.00+0.90}{2}$			$= 89.775 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch-700-720	1 No	18.00	0.00	X	
		$\frac{2.50+3.20}{2}$	$\times \frac{1.30+1.10}{2}$		$66.960 m^3$
CA-720-750	1 No	30.00	0.00	$\times \frac{2.50+3.20}{2}$	
			$\times \frac{1.20+1.00}{2}$		$102.300 m^3$
				Total =	$897.20 m^3$

Deduction

2 No X 18.00 X	$\frac{1.00+0.95}{2}$				
	$\times \frac{0.70+0.50}{2}$				21.938
1 No X 30.00 X	$\frac{1.40+1.10}{2}$				
	$\times \frac{1.00+0.80}{2}$				$33.750 m^3$
2 No X 15.00 X	$\frac{0.96+0.80}{2}$				
	$\times \frac{0.55+0.50}{2}$				$6.930 m^3$
1 No X 20.00 X	$\frac{0.85+0.70}{2}$				
	$\times \frac{0.55+0.40}{2}$				$7.363 m^3$
1 No X 30.00 X	$\frac{1.10+1.00}{2}$				
	$\times \frac{0.85+0.70}{2}$				$24.413 m^3$
1 No X 30.00 X	$\frac{1.10+0.90}{2}$				
	$\times \frac{0.80+0.70}{2}$				$22.800 m^3$
				Total =	$117.19 m^3$

Item No 2 - Supplying of
empty cement bag

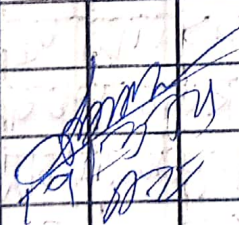
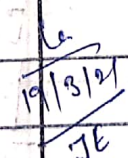
and labour :-

E/L

Calculation of empty

1 No X 10.00 X	1.20 X	1.00		$12.000 m^3$
1 No X 18.00 X	1.10 X	0.90		24.300

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 30'00 X 0'90 X 1'00 =					27.000m ³
1 NO X 15'00 X 1'20 X 1'00 =					25.500m ³
1 NO X 20'00 X 1'00 X 1'05 =					21.000m ³
1 NO X 30'00 X 0'90 X 1'00 =					27.000m ³
1 NO X 25'00 X 1'00 X 1'05 =					26.250m ³
				Total =	163.05m ³
Item No 3 - SIF / Firing 62m					
to 15mm dia					
bamboo pile in					
Size --- 6/12					
Calculation of bamboo pile					
	Length	Width			
1 NO X 50'	10'00	0'30 =			33 NO
	18'00	0'30 =			60 NO
	30'00	0'30 =			100 NO
	18'00	0'30 =			50 NO
	20'00	0'30 =			67 NO
	30'00	0'30 =			100 NO
	25'00	0'30 =			83 NO
Total =	148'00				493 NO
 					
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract cost</u>					
<u>Name of work -</u>					
Maminari Amch-					
bad pwd Road					
To Minkel Tola					
<u>Agency - Department</u>					
<u>Length - 1.200 Km</u>					
<u>Year - E.D.R Part A (2021)</u>					
<u>Item no 1 Providing and</u>					
<u>laying of Bit</u>					
Bat --- 1:1					
$(283.98 - (163.95 + 113.19)) = 106.84$					
@ Rs-1717.37/m ² Rs-105954.008					
<u>Item no 2 - Supplying of empty</u>					
<u>Cement bag ---</u>					
- - - 611					
$163.05 / 0.034 = 4795.59$					
@ Rs-32140/m ² Rs-154190.26					
<u>Item no 3 - Supplying of 62 mm</u>					
<u>75 mm bamboo</u>					
<u>Pile in size ---</u>					
- - - 12x1					
$493 \times 3 = 1480.00$					
@ Rs-43.58/m ² Rs-70418.40					
<u>Item no 4 - Supplying biting</u>					
<u>and fixing Bamboo</u>					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	- - -	- - -	- - -	E/D	
		148.00	X 4	= 592.00	
		@ Rs.	24.71	/m ² Rs.	14628.320
Hammer - Supplying, fitting and fixing in position					
	- - -	- - -	- - -	E/D	
		148.00	X 2	= 296.00	
		@ Rs.	221.69	/m ² Rs.	65620.240
		Total =			1364887.179
		Saggs Rs.			13.643

h.s.t @ 121. Rs 1.637

L.C @ 1. Rs 0.136

Total = 15.417

17/1/21

17/1/21

17/1/21