

FDR - 2020 - 2021

Schedule XLV-Form No. 134

PWD Nominikav ANDHARA Pradesh to Bangalore.

Manikanji DIVISION

Manikanji SUB-DIVISION

MEASUREMENT BOOK

334
8/1/20

Name of work—

1

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— PWD					
Manihari-Amdabed					
Road To Bangama					
Agency - Departmental					
Year - F.I.D.R Party (2020)					
Length - 1.846 KM					
Item No L - Providing and laying of Bricks					
Babs — E12					
Calculation of bricks bats					
1 H0 X 4.40 X $\frac{2.90 + 3.15}{2}$					
	X $\frac{0.90 + 0.80}{2}$	= 11.31 m ³			
1 H0 X 10.70 X $\frac{2.10 + 2.50}{2}$					
	X $\frac{1.00 + 0.90}{2}$	= 23.38 m ³			
1 H0 X 29.50 X $\frac{2.90 + 3.60}{2}$					
	X $\frac{1.60 + 1.40}{2}$	= 143.81 m ³			
1 H0 X 12.40 X $\frac{2.60 + 3.10}{2}$					
	X $\frac{2.10 + 1.90}{2}$	= 70.68 m ³			
2 H0 X 21.00 X $\frac{2.40 + 2.55}{2}$					
	X $\frac{1.80 + 1.00}{2}$	= 145.53 m ³			
1 H0 X 11.00 X $\frac{2.50 + 2.65}{2}$					
	X $\frac{2.10 + 1.80}{2}$	= 52.40 m ³			
1 H0 X 8.00 X $\frac{2.10 + 2.27}{2}$					
	X $\frac{1.40 + 1.25}{2}$	= 23.16 m ³			
1 H0 X 28.40 X $\frac{2.55 + 2.95}{2}$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	X	110+1.00	<u>2</u>		80.81m ²
1 NO X 23.00 X 2.96 + 3.10					
	X	2.30 + 1.90	<u>2</u>		144.90m ²
1 NO X 11.20 X 2.90 + 3.24					
	X	1.00 + 2.70	<u>2</u>		32.66m ²
1 NO X 6.00 X 2.50 + 2.90					
	X	1.10 + 1.00	<u>2</u>		17.01m ²
2 NO X 14.10 X 2.50 + 2.90					
	X	1.20 + 1.00	<u>2</u>		28.75m ²
2 NO X 16.30 X 2.15 + 2.30					
	X	0.90 + 0.80	<u>2</u>		30.83m ²
1 NO X 12.30 X 2.15 + 2.30					
	X	0.90 + 0.80	<u>2</u>		27.98m ²
1 NO X 9.50 X 2.10 + 2.60					
	X	0.90 + 0.80	<u>2</u>		18.38m ²
1 NO X 17.30 X 2.00 + 2.20					
	X	1.20 + 1.05	<u>2</u>		40.87m ²
				Total:	348.08m ²
<u>Deduction</u>					
1 NO X 29.50 X 1.30 + 1.20					
	X	1.10 + 0.80	<u>2</u>		35.03m ²
2 NO X 12.40 X 0.190 + 0.185					
	X	0.60 + 0.45	<u>2</u>		5.70m ²
2 NO X 21.00 X 1.00 + 0.90					
	X	0.75 + 0.70	<u>2</u>		28.93m ²
2 NO X 11.00 X 1.30 + 1.20					
	X	1.00 + 0.70	<u>2</u>		26.13m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NO X 8.00 X 1.20 + 1.10 X 1.00 + 0.900 2					17.48 m ³
1 NO X 28.40 X 1.20 + 1.00 X 1.00 + 0.950 2					31.84 m ³
1 NO X 23.00 X 1.40 + 1.20 X 1.10 + 1.000 2					31.40 m ³
1 NO X 16.30 X 1.60 + 1.40 X 1.20 + 1.000 2					26.90 m ³
1 NO X 12.30 X 1.10 + 1.00 X 0.90 + 0.750 2					10.65 m ³
					Total = 214.05 m ³
Item No 2 - Supplying of empty cement bag					

bag and labour

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Calculation of empty cement
bag

1 NO X 4.40 X 2.00 X 1.00 = 8.80 m ³
2 NO X 10.70 X 1.35 X 0.98 = 17.73 m ³
1 NO X 29.50 X 1.10 X 0.75 = 24.34 m ³
2 NO X 21.00 X 1.05 X 0.65 = 28.67 m ³
1 NO X 11.00 X 1.75 X 1.00 = 19.25 m ³
1 NO X 8.00 X 2.00 X 0.95 = 15.20 m ³
2 NO X 28.40 X 1.40 X 0.65 = 51.69 m ³
1 NO X 23.00 X 1.30 X 0.60 = 17.94 m ³
1 NO X 11.20 X 1.80 X 1.00 = 20.16 m ³
1 NO X 6.00 X 1.70 X 0.70 = 7.14 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Length	Total	210.47 m ³			
Fixing	S/F				
15 mm India bamboo					
Pile size					
<u>Calculation of Bamboo Piles</u>					
	Length	Width	No		
1 NO	4.40	0.80	15 NO		
1 NO	10.70	0.30	36 NO		
1 NO	29.10	0.30	98 NO		
2 NO	21.00	0.30	140 NO		
1 NO	11.00	0.30	37 NO		
1 NO	8.00	0.30	27 NO		
2 NO	28.60	0.30			
1 NO	23.00	0.30	189 NO		
1 NO	11.20	0.30	77 NO		
1 NO	6.00	0.30	37 NO		
Total	153.20	T =	675 NO		
				193.12	TE
<u>Abstract (ay)</u>					
Name of work - PWD					
Manihari-Amdabad					
Road To Barrigama					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Agency - Departmental year - F.P.R Part A(2021)					
Length - 1.846 KM					
<u>Item No-1 Providing and laying of Brick Brats</u>	-	-	-	E1D	
948.08 - (214.05 + 210.37) = 523.06					
(@Rs - 1717.370 / m ² Rs. 898284.976					
<u>Item No2 Supplying of empty cement bay and labour</u>	-	-	-	E1D	
210.37 / 0.034 = 6205 m ²					
(@Rs. 32.140 / m ² Rs. 199427.99L					
<u>Item No3 - SIF / Fixing e2 to Transom dia bamboo pile in size - E1D</u>					
675 x 3 = 2026.00 M ²					
(@Rs - 47.58 / m ² Rs. 96397.080					
<u>Item No4 - Supplying of fitting and fixing bamboo Run net - E1D</u>					
153.20 x 4 = 612.80 M ²					
(@Rs - 24.71 / m ² Rs. 15142.288					
<u>Item No5 - Supplying fitting and fixing in position</u>					

Continuation

Continuation