

FD-2020-2021

PMSP AMBA DIH Road to ParasBani Samhalli
(Khatuniga Bisunpur)

Measurement Book

Schedule XLV-Form No. 134

Manikar
DIVISION

Manikar
SUB-DIVISION

335
2/11/20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - PMGSY					
Ambarli Road					
To Parashbani					
Santhali					
Agency - Departmental					
Year - F.D.R Part A 2020					
Length - 0.900 km					
Item no. - Providing					
and laying of					
Brick Bat - E/D					
Calculation of Brick Bats					

1 NO x 7.20 x $\frac{2.60+3.60}{2} \times \frac{1.00+0.90}{2}$	21.204 m ³
1 NO x 4.50 x $\frac{2.10+3.60}{2} \times \frac{1.10+1.00}{2}$	13.466 m ³
1 NO x 11.60 x $\frac{2.30+2.50}{2} \times \frac{1.00+0.90}{2}$	26.448 m ³
1 NO x 9.50 x $\frac{2.50+2.90}{2} \times \frac{0.90+0.80}{2}$	22.610 m ³
1 NO x 72.10 x $\frac{2.15+2.35}{2} \times \frac{1.00+0.90}{2}$	28.163 m ³
1 NO x 17.50 x $\frac{2.50+3.60}{2} \times \frac{0.80+0.90}{2}$	45.369 m ³
1 NO x 29.00 x $\frac{2.30+3.30}{2} \times \frac{1.00+0.90}{2}$	85.405 m ³
1 NO x 19.00 x $\frac{2.90+3.60}{2} \times \frac{1.20+1.10}{2}$	71.013 m ³
1 NO x 6.80 x $\frac{2.90+3.60}{2} \times \frac{0.90+0.80}{2}$	18.785 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No x 18.00 x		$\frac{2.50+3.50}{2}$	$\times \frac{0.60+0.90}{2}$		51.300 m ³
1 No x 13.45 x		$\frac{2.95+3.40}{2}$	$\times \frac{0.90+0.80}{2}$		36.298 m ³
1 No x 16.50 x		$\frac{2.90+3.40}{2}$	$\times \frac{1.30+1.20}{2}$		64.967 m ³
1 No x 23.50 x		$\frac{2.90+3.60}{2}$	$\times \frac{1.10+0.95}{2}$		78.284 m ³
1 No x 10.70 x		$\frac{2.60+3.50}{2}$	$\times \frac{1.00+0.97}{2}$		32.145 m ³
			Total =		535.463
Deduction					
2 No x 7.20 x		$\frac{1.20+1.00}{2}$	$\times \frac{1.20+1.00}{2}$		9.900 m ³

2 No x 29.00 x		$\frac{2.90+0.85}{2}$	$\times \frac{0.90+0.500}{2}$		40.600 m ³
2 No x 19.00 x		$\frac{9.90+0.50}{2}$	$\times \frac{0.50+0.600}{2}$		14.630 m ³
1 No x 18.00 x		$\frac{1.00+0.80}{2}$	$\times \frac{0.70+0.500}{2}$		9.720 m ³
1 No x 13.45 x		$\frac{0.90+0.85}{2}$	$\times \frac{0.90+0.600}{2}$		8.827 m ³
1 No x 16.50 x		$\frac{0.90+1.00}{2}$	$\times \frac{0.90+0.500}{2}$		10.973 m ³
1 No x 6.25 x		$\frac{0.90+0.80}{2}$	$\times \frac{0.80+0.700}{2}$		3.584 m ³
			Total =		98.63 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No 2 - Supplying of empty cement bag and labour - - -					
- - - E/I					
<u>Calculation of empty cement</u>					
1 No x 7.20 x 1.10 x 0.85 =					7.52 m ³
1 No x 4.50 x 1.10 x 0.75 =					3.71 m ³
1 No x 11.60 x 1.20 x 0.60 =					8.35 m ³
1 No x 9.50 x 0.90 x 0.65 =					5.56 m ³
1 No x 7.50 x 0.70 x 0.60 =					3.15 m ³
2 No x 29.00 x 1.00 x 0.80 =					46.40 m ³
2 No x 19.00 x 0.95 x 0.60 =					4.76 m ³
1 No x 18.00 x 0.75 x 0.60 =					5.45 m ³
					To total: 114.66 m ³
Item No 3 - JF / Fixing of 10 mm dia bamboo pile in size - - -					
- - - E/I					
<u>Calculation of bamboo pile</u>					
	Length	Width	No		
1 No	7.20	0.30 =	24 No		
1 No	4.50	0.30 =	15 No		
1 No	11.60	0.30 =	39 No		
1 No	9.50	0.30 =	32 No		
1 No	7.50	0.30 =	25 No		
1 No	29.00	0.30 =	97 No		

Continuation

Abstract Cast

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No 2</u> - Supplying of empty cement bag and labour ---					
- - - E/F					
114.66 / 0.034 = 3372					
@ Rs - 32.140 / m ² Rs - 108390.496					
<u>Item No 3</u> - S/F/Fixing an 62 to 75mm dia bamboo pile in site --- E/D					
422 x 3 = 1265.50 M					
@ Rs - 47.88 / m ² Rs - 60212.490					
<u>Item No 4</u> Supplying of bitting and fixing bamboo Runner - - - - E/D					
126.55 x 4 = 506.20					
@ Rs - 24.71 / m ² Rs - 12508.202					
<u>Item No 5</u> - Supplying bitting and fixing in position - - - E/D					
126.55 x 2 = 253.10					
@ Rs - 221.69 / m ² Rs - 56109.739					
Total =					873535.082
Say Rs -					8.935 Lac
G.S.T @ 12% Rs -					1.0772

Continuation

