

FD

Measurement Book

Schedule XLY-Form No. 134

MMSY Road Bommito Bommitho Samhath

Kannan

DIVISION

SUB-DIVISION

325
8/11/20

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
Agency -					
Year -					
Length -					
Item No. 1 -					

Calculation of Brick Bal					
1	10	30.00	$\frac{2.40+2.50}{2} \times \frac{1.00+1.00}{2}$		76.35 m ³
1	10	16.00	$\frac{2.00+2.50}{2} \times \frac{1.00+1.00}{2}$		33.30 m ³
1	10	5.60	$\frac{2.10+2.50}{2} \times \frac{1.10+1.10}{2}$		13.52 m ³
2	10	13.00	$\frac{3.00+3.50}{2} \times \frac{0.90+0.80}{2}$		71.83 m ³
2	10	14.50	$\frac{2.80+3.50}{2} \times \frac{1.00+0.90}{2}$		88.16 m ³
1	10	4.00	$\frac{2.50+2.80}{2} \times \frac{0.90+0.60}{2}$		8.17 m ³
1	10	30.00	$\frac{2.50+2.90}{2} \times \frac{0.90+0.70}{2}$		74.93 m ³
1	10	5.00	$\frac{1.60+2.50}{2} \times$		
			$\frac{0.65+0.70}{2} =$		5.89 m ³
2	10	30.00	$\frac{2.40+2.50}{2} \times$		
			$\frac{1.10+1.00}{2} =$		153.00 m ³
1	10	30.00	$\frac{2.10+2.30}{2} \times$		
			$\frac{1.00+0.90}{2} =$		68.97 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No X 30.00 X 2.10 + 2.00					
				$\frac{2.10 + 2.00}{2} = 2.05$	
				$1.00 + 0.95 = 1.975$	
				$\frac{1.975}{2} = 0.9875$	
				70.401	$654.70m^3$
<u>Deduction</u>					
1 No X 30.00 X 1.30 + 1.20					
				$\frac{1.30 + 1.20}{2} = 1.25$	
				$1.00 + 0.90 = 0.95$	
				$\frac{0.95}{2} = 0.475$	
				35.625	
1 No X 7.00 X 0.95 X 0.80					
				$\frac{0.95 + 0.80}{2} = 0.875$	
				$\frac{0.55 + 0.35}{2} = 0.45$	
				2.756	
1 No X 30.00 X 1.00 + 0.95					
				$\frac{1.00 + 0.95}{2} = 0.975$	
				$0.80 + 0.65 = 0.725$	
				$\frac{0.725}{2} = 0.3625$	
				21.206	
1 No X 5.00 X 1.10 + 1.00					
				$\frac{1.10 + 1.00}{2} = 1.05$	
				$0.90 + 0.75 = 0.825$	
				$\frac{0.825}{2} = 0.4125$	
				4.331	
2 No X 30.00 X 1.20 + 1.10					
				$\frac{1.20 + 1.10}{2} = 1.15$	

				$\frac{0.95 + 0.80}{2} = 0.875$	
				$\frac{0.55 + 0.35}{2} = 0.45$	
				60.371	
1 No X 15.00 X 1.20 + 1.10				$\frac{1.20 + 1.10}{2} = 1.15$	
				$\frac{1.00 + 0.95}{2} = 0.975$	
				16.388	
1 No X 30.00 X 1.30 + 1.20				$\frac{1.30 + 1.20}{2} = 1.25$	
				$1.00 + 0.85 = 0.925$	
				$\frac{0.925}{2} = 0.4625$	
				34.688	
2 No X 3.00 X 1.20 + 1.00				$\frac{1.20 + 1.00}{2} = 1.10$	
				$\frac{0.90 + 0.70}{2} = 0.80$	
				5.280	
				$Total = 180.65$	

Item 402 - Supplying of
empty cement bags
and labour - E1

Calculation of empty cement

2 No X 30.00 X 1.00 X 0.90				$\frac{0.90}{2} = 0.45$	
				54.00	
1 No X 5.50 X 4.70 X 0.70				$\frac{0.70}{2} = 0.35$	
				6.66	
2 No X 13.00 X 1.10 X 0.80				$\frac{0.80}{2} = 0.40$	
				22.88	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 NO X 14.50 X 1.20 X 0.60 =					20.88 m ³
Total = 104.42 m ³					
Item NO 3 - S/F Fixing 62 to					
75 mm dia bamboo					
piles in size -					
- - - - - 12					

Calculation of bamboo piles

	length	width	No
1 NO	7.00	0.30 =	23 NO
2 NO	20.00	0.30 =	133 NO
1 NO	4.50	0.30 =	15 NO
1 NO	3.00	0.30 =	10 NO
1 NO	15.00	0.30 =	50 NO

2 NO	3.00	0.30 =	20 NO
2 NO	30.00	0.30 =	200 NO
1 NO	5.60	0.30 =	19 NO
2 NO	13.00	0.30 =	87 NO
2 NO	14.50	0.30 =	97 NO
Total = 115.60			= 654 NO

[Signature]
19/3/24

[Signature]
19/3/24
J.G.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract cost</u>					
Name of work - M.M.S.Y					
Road Borni To					
Borni Santhali					
Agency - Departmental					
Year - F.P.R. Part II (2022)					
Length - 0.696 Km					
<u>Item No 1 - Providing</u>					
<u>and laying of</u>					
<u>Brick Bats - ~ E/P</u>					
LSU.70 - (180.65 + 104.42)					
= 367.03 M ²					

② Rs - 1717.970 / M ² - 634787.10					
<u>Item No 2 - Supplying & empty</u>					
<u>cement bag and</u>					
<u>barbwire - ~ E/P</u>					
104.42 / 0.034 = 3072					
② Rs - 32.240 / M ² Rs - 98711.30					
<u>Item No 3 - Supplying S/F / Fig</u>					
<u>6L to 35mm dia</u>					
<u>bamboo piles in</u>					
<u>size - ~ E/P</u>					
654 X 3 = 1962.00					
② Rs - 4758 / M ² Rs - 93304.30					
<u>Item No 4 - Supplying bitting</u>					
<u>and bixing Bamboo</u>					

LIC @ 17. Rs 0.089
 Total 10.051
 Limit 7 to Rs 9.999
 19/3/21
 1-6.
 19/3/21