

FDR - 2020 - 2021

Schedule XLV-Form No. 134

PMGSY Road to Bangri Tal (Bakar Kola)
Manihari **DIVISION**

Manihari **SUB-DIVISION**

MEASUREMENT BOOK

311
08/11/2020

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—					
Reed to Bangsi Tal					
(Bakar Tala)					
Agency—					
Departmental					
Year					
F.D.K. Rantakum					
Length—					
1.900 km					
Item No. 1—					
Providing and					
laying of Brick					
Bath—					
— — — — —					
Calculation of Brick Bath					

$11.60 \times \frac{1.20 + 1.60}{2} \times \frac{1.10 + 1.00}{2} =$	23.14 m ²
$2.90 \times 14.50 \times \frac{2.70 + 3.60}{2} \times \frac{1.10 + 1.00}{2} =$	46.44 m ²
$12.00 \times \frac{2.30 + 3.40}{2} \times \frac{1.20 + 1.00}{2} =$	37.62 m ²
$20.00 \times \frac{2.30 + 3.40}{2} \times \frac{0.70 + 0.95}{2} =$	47.88 m ²
$15.60 \times \frac{2.60 + 3.50}{2} \times \frac{1.20 + 1.00}{2} =$	52.34 m ²
$20.00 \times \frac{3.00 + 3.50}{2} \times \frac{1.30 + 1.00}{2} =$	74.75 m ²
$2.90 \times 10.00 \times \frac{3.10 + 4.60}{2} \times \frac{1.20 + 1.00}{2} =$	84.70 m ²
$10.00 \times \frac{2.50 + 3.30}{2} \times \frac{0.70 + 0.90}{2} =$	26.35 m ²
$0.40 \times 26.50 \times \frac{3.20 + 4.30}{2} \times \frac{1.50 + 1.30}{2} =$	282.62 m ²
$22.00 \times \frac{2.70 + 3.40}{2} \times \frac{1.00 + 0.90}{2} =$	65.84 m ²
$5.00 \times \frac{1.80 + 2.50}{2} \times \frac{1.20 + 1.00}{2} =$	11.00 m ²
$14.00 \times \frac{2.80 + 3.60}{2} \times \frac{1.40 + 1.20}{2} =$	58.24 m ²
$7.00 \times \frac{2.60 + 3.50}{2} \times \frac{0.50 + 0.60}{2} =$	15.10 m ²
$21.50 \times \frac{1.50 + 2.40}{2} \times 1.00 =$	42.93 m ²
Total =	869.73 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D:	
<u>Deduction</u>					
$11.60 \times \frac{0.90+0.85}{2} \times \frac{0.80+0.65}{2}$					7.36 m^3
$12.00 \times \frac{1.10+1.00}{2} \times \frac{0.75+0.80}{2}$					11.03 m^3
$20.00 \times \frac{1.00+1.10}{2} \times \frac{0.75+0.80}{2}$					11.03 m^3
$15.60 \times \frac{1.00+0.90}{2} \times \frac{0.90+0.85}{2}$					12.97 m^3
$20.00 \times \frac{1.20+1.30}{2} \times \frac{0.90+0.85}{2}$					23.63 m^3
$2.10 \times 10.00 \times \frac{1.10+1.50}{2} \times \frac{1.00+0.90}{2}$					24.70 m^3
$10.00 \times \frac{1.00+1.20}{2} \times \frac{1.00+0.95}{2}$					10.37 m^3
$22.00 \times \frac{0.90+0.95}{2} \times \frac{0.90+0.65}{2}$					15.77 m^3
$14.00 \times \frac{1.00+1.10}{2} \times \frac{0.65+0.45}{2}$					8.09 m^3
$9.00 \times \frac{0.95+1.10}{2} \times \frac{0.40+0.50}{2}$					4.15 m^3
Total =					139.41 m^3
<u>Item no 2 - Supplying of empty cement bag</u>					

<u>and labour - - - C/L</u>					
<u>Calculation of Empty cement</u>					
11.60 x 1.10 x 0.50					6.38 m ³
9.50 x 1.00 x 0.75					2.21 m ³
6.00 x 1.20 x 0.50					3.60 m ³
9.50 x 1.00 x 0.75					7.13 m ³
15.60 x 0.90 x 0.60					8.42 m ³
20.00 x 0.80 x 0.45					7.20 m ³
10.00 x 1.10 x 0.50					6.00 m ³
6.00 x 1.20 x 0.65					4.68 m ³
3.00 x 1.80 x 0.70					3.78 m ³
14.00 x 1.00 x 0.55					7.70 m ³
9.00 x 1.10 x 0.70					6.93 m ³
Total =					63.39 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item 103-S/F/Fixing of</u>					
62 to 75mm dia bamboo					
pile in size					
E.L					
<u>Calculation of bamboo piles</u>					
	length	width	no		
	11.60	0.30 =	39 NO		
	9.50	0.30 =	32 NO		
	3.50	0.30 =	12 NO		
	6.00	0.30 =	20 NO		
	15.60	0.30 =	52 NO		
	20.00	0.30 =	67 NO		
	10.00	0.30 =	33 NO		
	6.00	0.30 =	20 NO		
	3.00	0.30 =	10 NO		
	14.00	0.30 =	47 NO		
	9.00	0.30 =	30 NO		
Total = 108.20				= 361 NO	
<u>Abstract Cost</u>					
Name of work- PMGSY					
Road to Bangail					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(Bakarola)					
Agency - Departmental					
Year - F.D.K Part A (2020)					
Length - 1.900 KM					
<u>Item no 1</u> Providing and					
laying of brick					
Rate - - - E/I					
1711.36 - (139.41 + 63.39) = 508.8					
@ Rs - 1717.370 / M ² Rs - 1145706.472					
<u>Item no 2</u> - Supplying of empty					
Cement bag and labour					
- - - E/I					
63.39 / 0.034 = 1865					
@ Rs - 32.140 / M ² Rs - 59925975					
<u>Item no 3</u> - J/F/Fixing 62x95mm					
bio bamboo piles - -					
- - - E/I					
361 X 3 = 1082.00					
@ Rs - 47.58 / M ² Rs - 51481.560					
<u>Item no 4</u> - Supplying fitting					
and fixing Bamboo					
runner - - - E/I					
108.20 X 4 = 432.80					
@ Rs - 24.71 / M ² Rs - 10694.488					
<u>Item no 5</u> - Supplying of fitting					
and fixing in position					

Continuation

[illegible]