

FDR 2020-21

Schedule XLV-Form No. 134

RED Mansahi Road To Kathotiya
DIVISION

MANIHARI SUB-DIVISION

MEASUREMENT BOOK

305
8/11/2020

प्रमाणित किया जाता है कि इस
मापी पुस्तक में मशीन द्वारा की गई
कुल 100 पन्ने हैं। श्री आलोक
कुमार, सचिव, मनिहरी के
नाम से निर्गत किया जाता है।



Executive Engineer

Rural Works Department

Works Division, Manihari

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—					REO Mansahi
					Road To Katholiya
Agency—					Departmental
Year—					F.D.R. Part A (2020)
Length—					2.008 KM
Item no. 1—					Providing and
					laying of Bitum
					Bed — — — EIR
Calculation of Bitum Bed					

1 NO X 11.30 X	2.75 + 3.50	1.00 + 0.180			31.78 m ³
1 NO X 25.50 X	2.75 + 3.00	1.10 + 0.65			64.15 m ³
1 NO X 22.00 X	1.40 + 1.50 + 1.60				
	X	1.40 + 1.60			49.50 m ³
1 NO X 14.00 X	2.60 + 3.50				
	X	1.20 + 1.00			46.97 m ³
1 NO X 26.00 X	2.60 + 3.50				
	X	1.00 + 0.90			77.81 m ³
1 NO X 12.80 X	1.50 + 1.60				
	X	1.00 + 0.90			18.41 m ³
1 NO X 14.50 X	2.85 + 3.60				
	X	1.20 + 1.00			51.44 m ³
1 NO X 28.50 X	2.60 + 4.50				
	X	1.00 + 0.90			96.12 m ³

Continuation

2
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 No X 30.00		$\frac{2.20 + 2.7 + 3.60}{2}$			
		$\times \frac{1.20 + 1.00}{2}$			101.20 m ²
1 No X 12.00		$\frac{2.60 + 3.60}{2}$			
		$\times \frac{1.20 + 1.00}{2}$			40.92 m ²
1 No X 2.00		$\frac{1.50 + 1.40 + 1.60}{2}$			
		$\times \frac{0.70 + 0.80}{2}$			25.20 m ²
2 No X 16.00		$\frac{2.20 + 2.90}{2}$			
		$\times \frac{1.00 + 0.85}{2}$			77.84 m ²
2 No X 18.00		$\frac{1.70 + 1.85}{2}$			
		$\times \frac{1.00 + 0.80}{2}$			20.89 m ²
2 No X 11.30		$\frac{1.20 + 1.30}{2}$			
		$\times \frac{1.00 + 0.90}{2}$			13.42 m ²
1 No X 17.20		$\frac{1.20 + 1.40}{2}$			
		$\times \frac{0.60 + 0.70}{2}$			14.53 m ³
1 No X 16.00		$\frac{2.60 + 2.40}{2}$			
		$\times 0.80$			32.00 m ³
1 No X 14.50		$\frac{1.00 + 1.10}{2}$			
		$\times \frac{0.70 + 0.80}{2}$			12.94 m ³
2 No X 11.50		$\frac{1.20 + 1.40}{2}$			
		$\times \frac{1.00 + 0.80}{2}$			13.46 m ³
1 No X 15.80		$\frac{2.85 + 3.50}{2}$			
		$\times \frac{0.30 + 0.35}{2}$			15.79 m ³
1 No X 25.30		$\frac{2.20 + 1.30}{2}$			
		$\times \frac{1.00 + 0.70}{2}$			30.04 m ³
2 No X 5.10		$\frac{2.65 + 2.90}{2}$			
		$\times \frac{0.65 + 0.65}{2}$			54.47 m ³
1 No X 21.40		$\frac{1.30 + 1.70}{2}$			
		$\times \frac{1.20 + 1.00}{2}$			42.64 m ³

Continuation

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 NO X 24.60 X 1.20 + 1.30					
			$\times \frac{0.60 + 0.80}{2}$		16.91 m ³
1 NO X 28.20 X 1.20 + 1.30					
			$\times \frac{1.10 + 0.25}{2}$		32.61 m ³
1 NO X 6.10 X 1.00 + 1.10					
			$\times \frac{0.35 + 0.20}{2}$		3.68 m ³
1 NO X 30.00 X 1.10 + 0.95					
			$\times \frac{0.50 + 0.55}{2}$		16.14 m ³
1 NO X 30.00 X 1.10 + 1.00					
			$\times \frac{0.90 + 0.50}{2}$		22.05 m ³
1 NO X 16.40 X 0.65 + 0.20					
			$\times \frac{0.15 + 0.20}{2}$		1.94 m ³

Total = 278.47 m³

Item no 2 - Supplying of
empty cement bag
E/F

Gate deduction

Calculation of empty cement

1 NO X 22.00 X 0.95 X 0.60	12.54 m ³
1 NO X 15.80 X 1.00 X 0.30	4.74 m ³
1 NO X 21.30 X 1.10 X 0.20	5.57 m ³
1 NO X 20.40 X 0.95 X 0.30	9.69 m ³
1 NO X 24.60 X 1.20 X 0.10	2.95 m ³
1 NO X 28.20 X 1.50 X 0.20	8.46 m ³
1 NO X 6.10 X 1.60 X 0.00	9.76 m ³
1 NO X 30.00 X 0.80 X 0.20	4.80 m ³

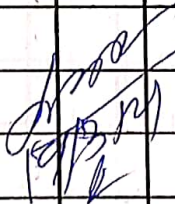
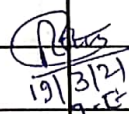
Continuation

6
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract Cost</u>					
Name of work - R.E.C					
Mansani Road					
To Kathotiga					
Agency - Departmental					
year F.B.R. Part A (2020)					
Length - 2.008 KM					
<u>Item No. 1 - Providing and</u>					
<u>laying of Brick</u>					
Bats - - - E/D					
$349.13 - (238.43 - 73.83) = 178.93$					
@ Rs - 132.370/m ² Rs - 1018137.330					
<u>Item No. 2 - Supplying of empty</u>					
<u>Cement bag - -</u>					
- - - E/D					
$7785 / 0.034 = 2290$					
@ Rs - 32140/m ² Rs - 73593.038					
<u>Item No. 3 - Supplying bit</u>					
69 mm to 85 mm					
dia bamboo pile					
in situ - - E/D					
$729 \times 3 = 2188.00$					
@ Rs - 47.58/m ² Rs - 104105.040					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no 1 - Supplying biting and biting Bamboo corner - E/D					
218.80 x 4 = 875.20 / m ²					
@ Rs - 24.71 / m ² Rs -					21626.192
Item no 2 - Supplying biting and biting in position spot - E/D					
218.80 x 2 = 437.60					
@ Rs - 22.69 / m ² Rs -					97011.544

Total = 1314473.194					
Say Rs - 13.145 Lac					
G.S.T @ 12% Rs - 1.577					
L.C @ 1% Rs - 0.131					
Total = 14.854					
 19/3/24  19/3/24 S.E.					
 19/3/2024					

Continuation