

FDR 2020-21

Schedule XLV-Form No. 134

REO Road Baldiyagachhi Mirzapur
To Lilq Tol
DIVISION

MANIHART SUB-DIVISION

MEASUREMENT BOOK

302
8/11/2020

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - R.E.O. Road					
Baldiygacchi					
Mirzapur Tola					
Tola					
Agency - Departmental					
year F.D.R. Part No.					
Length - 2.983 km					
Item No. 1 Providing and					
laying of B.B.C.					
B.B.C. - - - - -					
Calculation of Brick Bats					
$9.00 \times 3.00 \times 0.25 =$					$20.25 m^3$
$2.50 \times 2.50 \times 0.60 =$					$1.05 m^3$
$6.40 \times \frac{0.80 + 1.20}{2} \times 0.45 =$					$2.88 m^3$
$8.60 \times \frac{1.30 + 2.30}{2} \times 1.00 =$					$15.48 m^3$
$3.00 \times 0.45 \times 0.45 =$					$0.61 m^3$
$4.20 \times \frac{1.50 + 2.00}{2} \times 0.80 =$					$5.88 m^3$
$5.00 \times \frac{1.00 + 1.50}{2} \times 0.45 =$					$2.48 m^3$
$7.00 \times \frac{2.60 + 3.80}{2} \times 1.40 =$					$31.36 m^3$
$16.00 \times \frac{2.50 + 3.10}{2} \times 1.30 =$					$58.24 m^3$
$9.70 \times \frac{1.70 + 2.70}{2} \times 1.20 =$					$11.20 m^3$
$7.20 \times \frac{1.80 + 3.80}{2} \times 1.00 =$					$20.16 m^3$
$26.00 \times \frac{2.50 + 3.60}{2} \times 1.20 =$					$95.16 m^3$

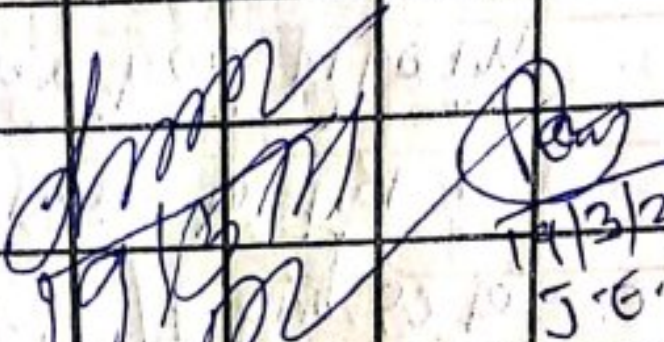
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17.50 X	$\frac{2.00+3.22}{2}$			1.00 =	49.88m ³
16.00 X	$\frac{2.60+3.30}{2}$			1.00 =	47.20m ³
2.00 X	$\frac{0.60+1.30}{2}$			1.00 =	1.90m ³
4.50 X	$\frac{1.90+3.30}{2}$			1.20 =	12.69m ³
5.50 X	$\frac{1.20+2.80}{2}$			0.90 =	9.90m ³
2.00 X	$\frac{2.30}{2}$			0.30 =	1.38m ³
28.00 X	$\frac{2.50+3.80}{2}$			1.00 =	84.00m ³
23.50 X	$\frac{2.70+3.60}{2}$			1.20 =	88.83m ³
26.00 X	$\frac{2.60+3.50}{2}$			1.20 =	95.16m ³
30.00 X	$\frac{2.70+3.10}{2}$			1.10 =	92.40m ³
26.00 X	$\frac{2.70+3.60}{2}$			1.30 =	103.09m ³
17.00 X	$\frac{2.20+3.10}{2}$			1.20 =	54.06m ³
11.00 X	$\frac{2.50+3.20}{2}$			1.30 =	42.90m ³
Total =					946.25m ³
<u>Deduction</u>					
7.00 X	$\frac{0.350+0.350}{2}$			0.30 =	0.63m ³
3.70 X	$\frac{1.000+0.400}{2}$			0.25 =	0.65m ³
7.20 X	$\frac{0.850+1.000}{2}$			0.45 =	3.00m ³
26.00 X	$\frac{2.100+3.000}{2}$			1.10 =	72.93m ³
17.50 X	$\frac{1.100+1.500}{2}$			1.05 =	28.89m ³
16.00 X	$\frac{1.000+3.100}{2}$			1.00 =	32.80m ³
17.50 X	$\frac{1.000+0.900}{2}$			0.75 =	12.47m ³
13.00 X	$\frac{1.000+0.950}{2}$			1.00 =	12.68m ³
28.00 X	$\frac{1.100+1.200}{2}$			0.85 =	27.37m ³
26.00 X	$\frac{0.150+0.300}{2}$			0.60 =	3.51m ³
Total =					189.92m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item 102</u> - Supply & laying of empty cement bag					
- - - E.I.D.					
<u>Calculation of empty cement</u>					
9.00 X 2.00 X 1.00 =					18.00 m ³
2.50 X 1.90 X 0.95 =					4.51 m ³
6.40 X 1.70 X 0.80 =					7.62 m ³
8.60 X 1.10 X 0.40 =					3.78 m ³
3.00 X 1.20 X 0.20 =					0.72 m ³
4.20 X 1.50 X 0.50 =					3.15 m ³
5.00 X 2.00 X 1.00 =					10.00 m ³
7.00 X 1.80 X 0.90 =					16.71 m ³
16.00 X 1.40 X 0.80 =					15.68 m ³
3.70 X 1.10 X 1.00 =					4.07 m ³
Total					98.24 m ³
<u>Item 103</u> - S.F./fining 62 to 75 mm to dia					
bamboo pile in					
Size - - - E.I.D.					
<u>Calculation of empty cement</u>					
Length	width	No			
9.00	0.30 =	30 No			
2.50	0.30 =	8 No			
6.40	0.30 =	21 No			
8.60	0.30 =	29 No			
3.00	0.30 =	10 No			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4.20		0.30	2	14 No
	5.00		0.30	2	17 No
	7.00		0.30	2	23 No
	16.00		0.30	2	53 No
	3.70		0.30	2	12 No
	<u>74.65</u>	<u>40</u>		<u>12</u>	<u>218 No</u>
					
<u>Abstract cost</u>					
Name of work - R.E.D.					
Road Baldigabdi					
-chi Mirzapur					
To Lila Tola					
Agency - Departmental					
Year - P.D.R Part A (2020)					
Length - 2.383 Km					
<u>Item No. - Providing</u>					
and laying of					
Brick Bat...					
- - - E/L					
1344.54 - (189.72 + 28.24) = 1076.38					
@ Rs - 1717.370 / m ² Rs - 1164537.005					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item No 2 - Supplying of</u>					
empty cement bag				E/D	
78.24/034223.01/M ²					
@ Rs - 32.140/M ² Rs - 73962.135					
<u>Item No 3 - S/F/Fixing 62 posts</u>					
to bamboo pile in					
size - - - - E/D					
21.8 x 32 654.00/M ²					
@ Rs - 47.58/M ² Rs - 31117.320					
<u>Item No 4 - Supplying bittis</u>					
and biriy					
Bamboo runner					
- - - - E/D					
65.40 x 4 = 261.60					
@ Rs - 24.71/M ² Rs - 6464.136					
<u>Item No 5 - Supplying bittis</u>					
and biriy Bamboo					
Run - - - - E/D					
65.40 x 2 = 130.80m					
@ Rs - 221.67/M ² Rs - 28997.052					
Total - 1305077.688					
Say Rs - 13.05 Lacs					
G.M.T @ 12% Rs - 1.566*					
L.C @ 1% Rs - 0.131					
Total = 14.747					

Continuation

19/3/21
19/3/21
J.E