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FDR-2020-2021

Schedule XLV-Form No. 134

BAGHMARA TOMANIHARI

MANIHARI

DIVISION

MANIHARI

SUB-DIVISION

MEASUREMENT BOOK

352
8/11/2020

Name of work—

1

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 - Repairing of road					
Baghmara in					
Manihari					
Agency - Department					
Year - F.D.R. Part A (2020)					
Length - 3.750 km					
Item No 1 providing and					
laying of Brick					
Bath - - - E.P.					
Calculation of Brick Bat					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
L/S 11.30x	$\frac{3.10+1.75}{2}$	$\frac{1.85+1.5+1.50}{3}$			49.44 m ³
11.30x	$\frac{3.60+2.30}{2}$	$\frac{1.30+1.10}{2}$			44.83 m ³
L/S 10.85x	$\frac{3.60+1.80}{2}$	$\frac{1.70+1.50+1.20}{3}$			43.94 m ³
8.30x	$\frac{3.10+2.60}{2}$	$\frac{1.30+1.05+0.80}{3}$			25.23 m ³
L/S 14.60x	$\frac{3.30+1.65}{2}$	$\frac{1.80+1.60+1.40}{3}$			57.82 m ³
R/S 13.30x	$\frac{3.90+1.9}{2}$	$\frac{1.70+1.55+1.35}{3}$			59.65 m ³
R/S 15.50x	$\frac{3.50+1.75}{2}$	$\frac{1.80+1.50+1.30}{3}$			62.39 m ³
L/S 6.20x	$\frac{3.60+1.80}{2}$	$\frac{1.70+1.50+1.40}{3}$			25.67 m ³
6.30x	$\frac{2.70+2.50}{2}$	$\frac{1.05+0.85}{2}$			15.56 m ³
R/S 24.00x	$\frac{3.12+1.56}{2}$	$\frac{1.45+1.25+1.15}{3}$			72.07 m ³
R/S 8.30x	$\frac{3.10+1.55}{2}$	$\frac{1.30+1.10}{2}$			23.16 m ³
7.85x	$\frac{3.25+3.05}{2}$	$\frac{1.20+0.90}{2}$			25.96 m ³
				Total	1305.48 m ³
Deduction					

12.50x	$\frac{1.50+0.70}{2}$	$\frac{0.70+0.60}{2}$			8.31 m ³
20.00x	$\frac{0.90+1.10}{2}$	$\frac{1.10+0.90+0.80}{3}$			18.33 m ³
26.11x	$\frac{1.10+1.20}{2}$	$\frac{0.90+0.80+0.70}{3}$			24.52 m ³
22.10x	$\frac{1.00+0.50}{2}$	$\frac{0.60+0.40}{2}$			17.33 m ³
12.10x	$\frac{1.50+1.60}{2}$	$\frac{1.50+0.70}{2}$			17.82 m ³
12.10x	$\frac{1.50+1.00}{2}$	$\frac{0.65+0.65}{2}$			12.27 m ³
22.10x	$\frac{1.50+0.70}{2}$	$\frac{0.80+0.70}{2}$			41.52 m ³
L/S 10.85x	$\frac{1.50+1.10}{2}$	$\frac{1.10+0.70+0.60}{3}$			12.43 m ³
8.30x	$\frac{2.10+1.10}{2}$	$\frac{1.20+1.30+0.70}{3}$			13.94 m ³
L/S 14.60x	$\frac{1.10+1.00}{2}$	$\frac{1.10+0.70+0.70}{3}$			14.31 m ³
R/S 13.30x	$\frac{2.10+2.10}{2}$	$\frac{1.10+0.70+0.70}{3}$			25.90 m ³
R/S 15.50x	$\frac{1.50+1.30}{2}$	$\frac{0.70+0.60+0.60}{3}$			14.56 m ³
				Total	221.24 m ³

Item No 2 - Supply of empty
Cement bags and

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
laboure for filling					
Cement bag --- E/I					
<u>Calculation of Brick Bats</u>					
6.30 X 1.30 X 1.00 =					8.19 m ³
12.50 X 1.80 X 0.75 =					21.38 m ³
7.40 X 1.30 X 0.75 =					7.22 m ³
20.00 X 2.60 X 0.85 =					44.20 m ³
26.11 X 2.40 X 0.65 =					40.83 m ³
7.50 X 1.60 X 0.95 =					11.40 m ³
9.15 X 0.65 X 1.00 =					5.95 m ³
8.10 X 1.43 X 0.75 =					8.69 m ³
12.10 X 1.10 X 0.86 =					11.48 m ³
15.10 X 1.85 X 0.95 =					26.54 m ³
				Total =	185.73 m ³

Item No 3 - S/F / firing 12 m				
to 15 mm dia bamboo				
pile in size --- E/I				
<u>Calculation of Bamboo Pile</u>				
length	width	No		
6.30	0.30 =	21 No		
12.50	0.30 =	42 No		
7.40	0.30 =	25 No		
20.00	0.30 =	67 No		
26.11	0.30 =	87 No		
7.50	0.30 =	25 No		
9.15	0.30 =	31 No		
8.10	0.30 =	27 No		
12.10	0.30 =	40 No		

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	15.10		0.302		50.340
RM-12424				=	414.010
19/3/21				17/3/21	JE
<u>Abstract Cost</u>					
Name of work- Repairing					
of Road Baghamara					
to Manihari					
Agency- Departmental					
Year- F.D.R Part A (2020)					
Length- 3.750 KM					

Item No 1- Providing and					
laying block of Bc					
- - - E/L					
1305.48 - (22.24 + 185.73) = 898.51					
@ Rs-1717.370/m Rs- 1543069.661					
Item No 2- Supplying of empty					
Cement bag and labour					
for filling cement bag					
- - - E/L					
185.73 / 0.039 = 5463					
@ Rs-32.140/m ² Rs- 175570.611					
Item No 3- S/F Filling 62 mm to 35					
mm dia bamboo in					
Size - - - E/L					

Continuation

Continuation