FDR – 2020 – 21

Schedule XLV-Form No. 134

Mamsahi Hat to Kursel

Manihari DIVISION

Mamsahi SUB-DIVISION

MEASUREMENT BOOK

362
8/11/20

Name fo 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 No.	L.	B.	D.	Contents of area
Name of work!- Maisali Hat To Kursel Temporary Restoration work.					
Agency!- Departmental.					
year!- A.D.R Part 'A' (2020)					
Length!- 4.200 km.					
	Record Measurement				
Item (1) providing and laying Brick Bat -do- as per -do-					
	Calculation of Brick Bat				
Ch. 50 RHS - 5.40 x (1.60+2.60+2.40)/2 x (0.32+0.36)/2 = 3.74					
Ch-60 LHS. 2.70m x (1.30+1.20+0.90)/3 x (0.30+0.35)/2					= 0.99 m³
Ch-75 RHS 7.80m x (1.90+2.30+2.25)/3 x (0.36+0.32)/2					= 5.70 "
Ch-100 RHS 13.40m x (1.50+1.60+2.50)/3 x (0.90+0.80)/2					= 21.26 "
9.30 x (1.20+1.12+1.0)/3 x (0.33+0.31)/2					= 3.29 "

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
150 RHS		11.40 M x 2.50+3.20+3.10 / 3			
		x 1.20+1.30 / 2		=	41.80 sqm
168 LHS		2.10 x 1.10+1.20+1.05 / 3			
		x 0.34+0.30 / 2		=	0.75 M
168 RHS		3.09 x 0.90+1.40+0.95 / 3			
		x 0.34+0.37 / 2		=	1.19 sqm
200 LHS		9.60 x 2.30+2.80+1.70 / 3			
		x 1.50+1.35 / 2		=	31.01 sqm
300 RHS		17.40 M x 0.60+1.0+0.70 / 3			
		x 0.60+0.50 / 2		=	7.24 M
318 RHS		3.0 M x 0.60+1.0+0.70 / 3			
		x 0.4+0.69 / 2		=	1.48 sqm
RHS		11.40 x 1.10+1.3+0.9 / 2		x	
		0.50+0.40 / 2		=	5.81 sqm
500 LHS		7.30 x 1.90+2.30+1.60 / 3		x	
		0.78+0.78 / 2		=	10.87 sqm
600 RHS		2.40 x 2.0+2.10+1.50 / 3		x	
		0.76+0.79 / 2		=	3.47 M
600 LHS		3.30 x 0.9+1.9+1.30 / 3			
		x 0.76+0.79 / 2		=	3.39 M
850 LHS		1.70+1.20+1.80+1.5 / 3			
		x 0.71+0.59 / 2		=	1.55 M
655 LHS		3.40 x 1.40+1.40+1.35 / 3			
		x 0.85+0.83 / 2		=	3.95 M

Continuation

Particulars	No.	L.	B.	D.	Contents of area
740 RHS	2.90	× (1.07 + 1.5 + 1.2) / 3 × (0.9 + 0.7) / 2			= 2.60 "
745 RHS	2.90	× (1.30 + 1.90 + 1.30) / 3			
		× (0.79 + 0.76) / 2			= 2.44 "
710 RHS	1.70	× (0.60 + 0.70 + 0.50) / 3			
		× (0.85 + 0.81) / 2			= 0.85 "
750 LHS	5.34	× (2.10 + 1.90 + 0.90) / 3			
		× (0.85 + 0.82) / 2			= 7.28 "
750 RHS	3.30	× (1.80 + 2.40 + 2.00) / 3			
		× (0.86 + 0.91) / 2			= 6.04 "
800 LHS	0.90	× (0.70 + 0.70 + 0.60) / 3			
		× (0.6 + 0.62) / 2			= 0.37 "
810 LHS	4.70	× (2.60 + 2.55 + 2.41) / 3			
		× (0.95 + 0.98) / 2			= 11.43 "
RHS	1.30	× (1.60 + 1.50 + 1.70) / 3			
		× (0.65 + 0.61) / 2			= 1.17 "
850 LHS	7.30	× (2.60 + 3.05 + 2.05) / 3			
		× (1.20 + 1.10) / 2			= 22.81 "
900 RHS	2.30	× (2.90 + 3.0 + 2.91) / 3			
		× (0.73 + 0.70) / 2			= 4.83 "
1100 LHS	20.25	× (1.50 + 1.60 + 0.90) / 3			
		× (0.90 + 0.70) / 2			= 21.39 "
RHS	9.20	× (3.30 + 5.10 + 3.90) / 3			
		× (0.70 + 0.60) / 2			= 24.52 "
1150 LHS	4.20	× (3.10 + 3.40 + 3.70) / 3			
		× (1.10 + 0.95) / 2			= 14.64 "
1250 LHS	2.60	× (2.0 + 2.20 + 1.50) / 3			
		× (0.69 + 0.67) / 2			= 3.36 "

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1400 LHS	4.40	$\frac{2.90+3.20+2.40}{3}$			
		$\times \frac{0.98+0.96}{2}$		=	12.09 sq
1450 LHS	7.10	$\frac{3.90+1.30+3.50}{3}$			
		$\times \frac{1.30+1.10}{2}$		=	33.23 "
1600 RHS	3.70	$\frac{3.10+3.40+2.10}{3}$			
		$\times \frac{1.20+0.90}{2}$		=	11.14 "
1700 RHS	4.90	$\frac{2.60+2.90+2.50}{3}$			
		$\times \frac{1.37+1.29}{2}$		=	15.96 "
1750 RHS	7.70	$\times \frac{2.80+3.90+3.50}{3}$			
		$\times \frac{1.40+1.25}{2}$		=	34.89 "
1800 RHS	12.30	$\times \frac{2.80+2.60+2.50}{3}$			
		$\times \frac{1.35+1.10}{2}$		=	35.66 "
1900 RHS	5.10	$\times \frac{2.80+2.60+2.05}{3}$			
		$\times \frac{1.40+1.20}{2}$		=	16.46 "
2200 RHS	17.40	$\times \frac{3.70+3.30+3.32}{3}$			
		$\times \frac{1.30+1.20}{2}$		=	71.20 "
2300 RHS	14.20	$\times \frac{3.70+5.30+4.60}{3}$			
		$\times \frac{1.20+1.0}{2}$		=	68.21 "
3000 RHS	10.10	$\times \frac{3.20+3.60+2.90}{3}$			
		$\times \frac{1.45+1.30}{2}$		=	44.90 "
3030 RHS	4.90	$\times \frac{1.70+2.40+1.30}{3}$			
		$\times \frac{1.50+1.20}{2}$		=	11.91 "
3100 RHS	2.40	$\times \frac{2.10+2.40\times10}{3}$			
		$\times \frac{0.94+0.92}{2}$		=	4.09 "
3200					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3200 LHS	4.80	2.10+2.90+2.40 / 3			
	X	1.50+1.40 / 2		=	13.17 Sq.M
3300 LHS	2.80	2.90+2.70+2.40 / 3			
	X	0.94+0.93 / 2		=	6.98 M
3500 LHS	6.40	3.20+4.90+4.40 / 3			
	X	1.40+1.25 / 2		=	35.33 M
3600 RHS	9.70	X 1.0+1.70+1.40 / 2			
	X	1.45+1.85 / 2		=	18.56 M
3950 RHS	3.10	X 1.40+1.60+1.90 / 3			
	X	0.61+0.59 / 2		=	2.39 M
4200 RHS	11.40	X 3.30+4.20+3.40 / 3			
	X	1.50+1.40 / 2		=	58.48 M
				84 =	768.16 Sq.M

Say 19/03/21

AE

Continuation

ABSTRACT

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (1)	providing and laying of Brick Bats placing tractor at loading as per — O/R				
768.16 m³	Q.V.T.M.B — p — 5 Item (1)				
	@ 1717=37	m³		— Rs	1319217=94
				— Rs	1319217=94
	Add	G.S.T	@ 12%	— Rs	158306=15
		L.Cess	@ 1%	— Rs	13192=17
				Rs	1490716=26
				Say Rs	1490716=00
	Total	cost of	Restoration	Rs	14.907 Lac

Sd/- 19.3.21 Sd/- 19/03/21 AE. Sd/- 19/3/21 SDO

Continuation