FDR 2020-21

Schedule XLV-Form No. 134

Rec Nawabganj-Mansahi Road Banipur Phala To 08 No. Seej Tola

_____ DIVISION

MANIHARI _____ SUB-DIVISION

MEASUREMENT BOOK 349 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 - Rod from Nawabganj-Mansahi Road Banipur Dhala To 08 No. Seej Tola					
Agency - Departmental					
year F.D.R Rasta (2022)					
Length - 1.400 KM					
Item No. - Providing and laying of Brick					
	Bath - - - E-11				
Calculation of Brick Bath					
2.40 x 7.50		$\frac{3.10+4.60}{2}$	x $\frac{2.90+2.100}{2}$	=	132.83 m^3
3.00 x		$\frac{1.50+1.60}{2}$	x 1.00	=	4.65 m^3
4.00 x		$\frac{1.50+1.60}{2}$	x 1.00	=	6.20 m^3
2.00 x		$\frac{1.50+1.60}{2}$	x 1.00	=	3.10 m^3
15.60 x		$\frac{2.60+3.30}{2}$	x $\frac{7.85+1.30}{2}$	=	79.70 m^3
3.50 x		$\frac{1.00+0.90}{2}$	x $\frac{0.60+0.800}{2}$	=	2.33 m^3
11.60 x		$\frac{2.40+3.60}{2}$	x $\frac{0.60+0.800}{2}$	=	24.36 m^3
8.50 x		$\frac{1.30+1.10}{2}$	x $\frac{0.60+0.800}{2}$	=	2.73 m^3
9.50 x		$\frac{1.40+1.20}{2}$	x $\frac{0.60+0.800}{2}$	=	8.03 m^3
7.50 x		$\frac{1.20+1.00}{2}$	x $\frac{0.40+0.800}{2}$	=	6.19 m^3
20.00 x		$\frac{3.10+2.90}{2}$	x $\frac{1.20+1.800}{2}$	=	11.00 m^3
2.50 x		$\frac{1.20+1.10}{2}$	x $\frac{0.80+0.600}{2}$	=	2.01 m^3
12.00 x		$\frac{2.00+2.40}{2}$	x $\frac{0.95+0.800}{2}$	=	23.10 m^3

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
10.00	X	$\frac{2.50+2.10}{2}$	X	$\frac{1.60+1.500}{2}$ =	35.65 m^3
6.00	X	$\frac{2.00+2.10}{2}$	X	$\frac{1.10+1.000}{2}$ =	12.92 m^3
3.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.100}{2}$ =	4.88 m^3
3.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.100}{2}$ =	4.88 m^3
10.50	X	$\frac{2.70+2.50}{2}$	X	$\frac{1.60+1.400}{2}$ =	42.53 m^3
5.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.100}{2}$ =	8.14 m^3
14.00	X	$\frac{3.00+2.80}{2}$	X	$\frac{1.80+1.300}{2}$ =	72.03 m^3
7.00	X	$\frac{2.60+2.10}{2}$	X	$\frac{0.50+0.600}{2}$ =	11.63 m^3
12.00	X	$\frac{3.20+4.20}{2}$	X	$\frac{1.10+1.600}{2}$ =	59.94 m^3
31.50	X	$\frac{3.20+4.50}{2}$	X	$\frac{1.20+1.800}{2}$ =	224.36 m^3
3.50	X	$\frac{2.60+2.10}{2}$	X	$\frac{1.60+1.000}{2}$ =	10.69 m^3
6.00	X	$\frac{2.10+2.00}{2}$	X	$\frac{1.60+1.00}{2}$ =	15.99 m^3
4.00	X	$\frac{3.20+2.90}{2}$	X	$\frac{1.90+1.600}{2}$ =	21.35 m^3
3.00	X	$\frac{1.00+2.75}{2}$	X	1.75 =	9.84 m^3
				Total =	794.31 m^3

Item no 2 - Supplying of empty cement bag

Calculation of empty cement

3.00	X	1.80	X 0.60 =	2.70 m^3
4.00	X	0.90	X 0.40 =	1.44 m^3
15.60	X	0.95	X 0.50 =	7.41 m^3
7.50	X	1.20	X 0.90 =	8.10 m^3
20.00	X	0.90	X 0.40 =	7.20 m^3
14.00	X	1.30	X 0.40 =	7.28 m^3
9.00	X	1.20	X 0.70 =	7.56 m^3
12.00	X	1.30	X 0.60 =	9.36 m^3

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
31.50 × 0.70 × 0.40 =					8.82 m^3
				Total	55.13 m^3
Item No 3 – S/F/Fixing 6cm					
to 75mm dia bamboo					
piles in size ...					
... E/I					
Calculation of Bamboo Piles					
	length		width		No
	3.00		0.30 =		10 no
	4.00		0.30 =		13 no
	15.60		0.30 =		52 no
	7.50		0.30 =		25 no
	20.00		0.30 =		67 no
	9.00		0.30 =		30 no
	12.00		0.30 =		40 no
	31.50		0.30 =		105 no
	~~Total = 116.60~~				
	14.00		0.30 =		47 no
	Total = 116.60			=	365 no
	19/3/24				19/3/24 J.E.
Abstract cost					
Name of work – Reo Nawab					
ganj Manmohilod					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
13	Baripur Dhala To 08. No Seujtola				
Agency - Departmental					
Year - F.D.R Part A(2021)					
Length - 1.400 K.M					
Item No1 - Providing and laying of Brick Bands - - - - E/L					
918.39 - (55.73+55.73) = 806.93					
@ Rs. 1717.370/M²					Rs. 1472700.094
Item No2 - Supplying of empty Cement bag band labour - - - E/L					
55.73/0.034 = 1639					
@ Rs. 32.14p/M²					Rs. 52681.241
Item No3 - S/F/Fixing 62 mm to 75 mm dia bamboo piles ins size - - E/L					
365 X3 = 1096.00 M²					
@ Rs. 47.58/M²					Rs. 52147.680
Item No4 - Supplying fitting and fixing bamboo(um - - - - E/L					
116.60 X4 = 466.40M²					
@ Rs. 2471/M²					Rs. 1152474.4
Item No5 - Supplying with and fixing in position					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				E/f	
	116.60X2 = 233.20				
	@ Rs. 221.69			M² Rs.	51698.108
				Total Rs.	340751.867
				Says Rs.	13.408
	G.S.T.		@ 12%	Rs.	1.609
		L.C	@ 12%	Rs.	0.134
				Total	15.150
	19/3/24			19/3/24	
				J.E.	
	19/3/24				