

FDR

2020-21

Schedule XLV-Form No. 134

Reo Nawabganj - Mansahi Road Banipur
Phala To 08 No. Sees Tola

DIVISION

MANIHART

SUB-DIVISION

MEASUREMENT BOOK

349
08/11/2020

Name to 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—	K.P.O.				
	Nawabganj-Mansahi				
	Road Banipur				
	Dhala 1008 No.				
	See Jola				
Agency—	Departmental				
Year	F.P.R. (Railways)				
Length—	1.400 km				
Item No.—	Providing and				
	laying of brick				

Back - - - E.I.I

Calculation of Brick Back

$2.40 \times 7.50 \times \frac{3.00 + 4.60}{2} \times \frac{2.50 + 2.10}{2}$	$= 132.83 \text{ m}^3$
$3.00 \times 1.50 + 1.50 \times 1.00$	$= 4.65 \text{ m}^3$
$4.00 \times 1.50 + 1.60 \times 1.00$	$= 6.20 \text{ m}^3$
$2.00 \times 1.50 + 1.60 \times 1.00$	$= 3.10 \text{ m}^3$
$15.60 \times 2.60 + 3.50 \times 2.80 + 1.50$	$= 79.70 \text{ m}^3$
$3.50 \times 1.00 + 0.90 \times 0.60 + 0.800$	$= 2.33 \text{ m}^3$
$11.60 \times 2.40 + 3.60 \times 0.60 + 0.800$	$= 24.36 \text{ m}^3$
$8.50 \times 1.30 + 1.00 \times 0.60 + 0.800$	$= 2.73 \text{ m}^3$
$9.50 \times 1.40 + 1.20 \times 0.60 + 0.800$	$= 8.03 \text{ m}^3$
$7.50 \times 1.20 + 1.00 \times 0.40 + 0.800$	$= 6.19 \text{ m}^3$
$20.00 \times 2.10 + 2.90 \times 1.20 + 1.800$	$= 111.00 \text{ m}^3$
$2.50 \times 1.20 + 1.10 \times 0.80 + 0.600$	$= 2.61 \text{ m}^3$
$12.00 \times 2.00 + 2.40 \times 0.95 + 0.800$	$= 23.10 \text{ m}^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10.00	X	$\frac{2.50+2.10}{2}$	X	$\frac{1.60+1.50}{2}$	$= 35.65m^3$
6.00	X	$\frac{2.00+2.10}{2}$	X	$\frac{1.10+1.00}{2}$	$= 12.92m^3$
8.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.10}{2}$	$= 4.88m^3$
3.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.10}{2}$	$= 4.88m^3$
10.50	X	$\frac{2.70+2.50}{2}$	X	$\frac{1.60+1.40}{2}$	$= 42.53m^3$
5.00	X	$\frac{1.50+1.60}{2}$	X	$\frac{1.00+1.10}{2}$	$= 8.14m^3$
14.00	X	$\frac{3.00+2.80}{2}$	X	$\frac{1.80+1.70}{2}$	$= 72.07m^3$
7.00	X	$\frac{2.60+2.10}{2}$	X	$\frac{0.50+0.60}{2}$	$= 11.63m^3$
12.00	X	$\frac{3.20+4.20}{2}$	X	$\frac{1.10+1.60}{2}$	$= 59.94m^3$
31.50	X	$\frac{3.20+4.50}{2}$	X	$\frac{1.70+1.80}{2}$	$= 224.36m^3$
3.50	X	$\frac{2.60+2.10}{2}$	X	$\frac{1.60+1.00}{2}$	$= 10.69m^3$
6.00	X	$\frac{2.10+2.00}{2}$	X	$\frac{1.60+1.00}{2}$	$= 15.93m^3$
4.00	X	$\frac{3.20+2.90}{2}$	X	$\frac{1.90+1.60}{2}$	$= 21.35m^3$

8.00	X	$\frac{1.00+0.75}{2}$	X	1.75	$= 7.84m^3$
Total =					$734.31m^3$

Item No 2 - Supplying of
empty cement bag

Calculation of empty cement

8.00	X	1.70	X	0.60	$= 2.70m^3$
4.00	X	0.90	X	0.40	$= 1.44m^3$
15.60	X	0.75	X	0.70	$= 7.41m^3$
7.50	X	1.20	X	0.90	$= 8.10m^3$
20.00	X	0.90	X	0.40	$= 7.20m^3$
14.00	X	1.30	X	0.40	$= 7.28m^3$
9.00	X	1.20	X	0.70	$= 7.56m^3$
12.00	X	1.30	X	0.60	$= 9.36m^3$

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B	Banipur Dhada To				
	08 No Sew To 19				
Agency -	Departmental				
Year -	F.D.R (Part Above)				
Length -	1.400 KM				
Item No 1 -	Providing and				
1	Laying of Brick				
	Band - - - - E/I				
	$918.89 - (55.73 \times 55.73) = 804.93$				
	@ Rs - 1717.370/m ²				Rs - 1172700.094
Item No 2 -	Supplying of empty				
	Cement bag band				
	labour - - - E/I				
	$55.73 / 0.034 = 1639$				
	@ Rs - 32.140/m ²				Rs - 52681.241
Item No 3 -	S/F/Fixing 62 mm				
	to 75 mm dia bamboo				
	piles in size - - E/I				
	$365 \times 3 = 1096.00 \text{ m}^2$				
	@ Rs - 47.58/m ²				Rs - 52147.680
Item No 4 -	Supplying fitting				
	and fixing bamboo cum				
	- - - E/I				
	$116.60 \times 4 = 466.40 \text{ m}^2$				
	@ Rs - 24.71/m ²				Rs - 11524.744
Item No 5 -	Supplying bitt				
	and fixing in position				

Continuation

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