

(23)

# Measurement Book

No. R. 114/2020/21

Sub-Division R.W.D (w) Bahadurganj

Division R.W.D(w) Kishanganj

N/W → FDR To road from L047-L046

TO Musaldanga (VR47) in

Bahadurganj block.

Year - 2020-21

Certified that this MB Counted  
(25) Twenty Five Machined  
Number Pages and issued to

Sri..... *Ramany Kumar* .....

..... AE RWD Sub-Division

*Baladengay*

*Class*  
*14/9/20*

*O*  
*14/9/20*

*2/19/20*

**Sch. XLV—Form No. 134**

For use in Land Survey by Engineers, Peasants and other persons

in charge of land surveys or plots of land.

**RWD (W) Kishanganj-1 DIVISION**

**(W) *Baladengay* SUB-DIVISION**

This Measurement Book is issued to the above Office for use in surveying and mapping of land, for recording measurements and descriptions of boundaries, areas and other particulars relating thereto.

The book contains 25 numbered pages, each page being 1000 mm long and 150 mm wide.

Each page is ruled up in columns for recording measurements and descriptions of boundaries, areas and other particulars relating thereto.

The book is to be kept at the above office.

**MEASUREMENT BOOK**

No.

*R. 114/2020/21*

Name of Officer: \_\_\_\_\_

Date of first entry: \_\_\_\_\_

Date of last entry: \_\_\_\_\_

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.	
CH - FDR					
Name of work - FDR to road from					
L047 - L046 to Musaldongi					
(VR 47) in Bahadurganj					
block.					
Agency -					
Authority - Executive Engineer,					
R.W.D (W) Div. - Kishangong - I					
Date of Entry - 26-10-20					

① Providing and laying reinforced cement concrete pipe NP3 for culvert of	600 φ	EII		
600 φ	2 X 2.50 M	= 5.00M		
② P/L reinforced cement concrete pipe NP3 for				
Culvert of 600 φ	EII			
2 X 2.50 M		= 5.00M		
③ Providing and cutting				
φ 62 to 75 mm dia				
bamboo poles - dia - EII				
10 Nos x 3.65 M		= 36.50M		
140 x 3.05 M		= 42.70M		
		Total = 487.00M		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) prov. laying, fitting and fixing					
bamboo, runners —	62.40	75 mm	dig		
$2 \times 4 \times 5 \times 30.00 \text{ m}$					= 600.00 m
$3 \times 2 \times 30.00 \text{ m}$					= 180.00 m
$3 \times 8.00 \text{ m}$					= 24.00 m
					Total = 864.00 m
(5) prov. laying and fitting empty cement bags with local sand —	EI				
$2 \times 4 \times 30.00 \times 0.90 \times 1.14 = 246.24 \text{ m}^3$					
$2 \times 5.00 \times 0.90 \times 1.14 = 10.26 \text{ m}^3$					
$2 \times 12.00 \times 0.45 \times 0.70 = 7.56 \text{ m}^3$					
$1 \times 14.00 \times 0.45 \times 0.70 = 4.41 \text{ m}^3$					
$1 \times 5.00 \times 0.45 \times 0.40 \text{ m} = 0.90 \text{ m}^3$					

$$2 \times 30.00 \times 0.90 \times 0.85 = 45.90 \text{ m}^3$$

$$2 \times 34.00 \times 0.90 \times 1.00 \text{ m} = 54.00 \text{ m}^3$$

$$2 \times 19.00 \times 0.90 \times 0.80 = 27.36 \text{ m}^3$$

$$1 \times 20.00 \times 0.90 \times 0.40 \text{ m} = 7.20 \text{ m}^3$$

$$2 \times 17.00 \times 0.90 \times 0.80 \text{ m} = 24.48 \text{ m}^3$$

$$2 \times 30.00 \times 0.90 \times 1.20 \text{ m} = 64.80 \text{ m}^3$$

$$2 \times 25.00 \times 0.90 \times 1.20 = 54.00 \text{ m}^3$$

$$5 \times 30.00 \times 0.90 \times 1.25 = 168.75 \text{ m}^3$$

$$1 \times 10.0 \times 0.90 \times 1.25 = 11.25 \text{ m}^3$$

$$2 \times 20.00 \times 0.90 \times 1.20 = 43.20 \text{ m}^3$$

$$\text{Total} = 770.31 \text{ m}^3$$

$$= 770.31 \times 35.315 = 2720.350 \text{ cft}$$

say - 22670 bags

(6) prov. laying, sand

sprinkling brick bats (m)

area difference - m - m

EI

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item(6)	Com+H...				
	5	30.00	3.05	0.30	= 137.25 m <sup>3</sup>
	1	5.00	3.05	0.30	= 4.58 m <sup>3</sup>
	1	12.00	4.40	0.75	= 39.60 m <sup>3</sup>
	1	14.00	4.15	0.95	= 55.20 m <sup>3</sup>
	1	10.00	3.05	0.30	= 9.15 m <sup>3</sup>
	2	30.00	3.05	0.30	= 54.90 m <sup>3</sup>
	1	5.00	3.05	0.30	= 4.58 m <sup>3</sup>
	2	30.00	3.50	0.90	= 20.70 m <sup>3</sup>
	2	30.00	1.95	0.30	= 20.70 m <sup>3</sup>
	2	19.00	1.00	1.00	= 38.00 m <sup>3</sup>
	1	20.00	1.20	0.80	= 19.20 m <sup>3</sup>
	1	17.00	1.80	0.65	= 8.18 m <sup>3</sup>
	2	30.00	0.80	0.35	= 16.80 m <sup>3</sup>
	1	30.00	1.20	0.70	= 25.20 m <sup>3</sup>
	1	29.00	1.80	0.80	= 41.76 m <sup>3</sup>

Total = 464.76 m<sup>3</sup>

Date: 26/10/20

J.E  
Bahrain Engg. -3

RZ

30/10/2020  
AB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	Rs	9,51,37.00

(6) Preparatory laying and spreading broken bats to meet ditches	€/1	
Quantity	Value	Time P. (3)
= 664.76 m <sup>3</sup>	@ Rs 2145.02/m <sup>3</sup>	Rs 1425,923.00
		Total Rs 2377,060.00
Add) GST @ 12%	(+) Rs 285,247.00	
Add) L.C @ 1 %	(+) Rs 23,771.00	
		Total Rs 2686,078.00
DAO C28		
Clear 29/01/21	29/01/20	
	S.E Bathadurji	
	29/01/21	AB

Continuation