

167

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

561 dt-16/10/22

પ્રમાણિત - ત્રિયા આવા છે કે કુલ
પૂર્ણ કે નક્કી કરવા કુલ રૂપ
કે ત્રિયા છે ત્રિયા - ત્રિયા આવા છે

E. E.
R. W. D. W. D.
Manihari
16/10/21

Sch. XLV—Form No. 134

E. E. DIVISION
R. W. D. W. D. SUB-DIVISION
Manihari

MEASUREMENT BOOK

No.

Name of Officer E. E.
R. W. D. W. D.
Manihari

Date of first entry

Date of last entry

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.)

Record measurement

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work - Restoration of Baharpur Choti Masjid to Tanti Tola					
Agency - Departmental					
Authority - EE, RWD, Works Divn., Muzhansi					
Date of Measurement - 16-12-2021					
Work done					
① Construction of embankment with approved material as per specification					

+ dir. (1/2/21)

1" x 17.35" x 5.0" x $\frac{(0.8+1.6)}{2}$					
					= 104.10
1" x 20.00" x 6.50" x $\frac{(0.5+1.7)}{2}$					= 143.0"
1" x 18.00" x 4.70" x $\frac{(1.1+1.8)}{2}$					= 122.57
1" x 30.00" x 3.40" x $\frac{(1.0+1.6)}{2}$					= 132.60"
1" x 33.50" x 2.20" x $\frac{(1.0+1.8)}{2}$					= 103.18"
1" x 32.00" x 2.50" x $\frac{(0.9+1.5)}{2}$					= 96.00"
1" x 16.75" x 5.55" x $\frac{(1.2+1.9)}{2}$					= 146.68"
1" x 30.00" x 2.80" x $\frac{(1.1+1.75)}{2}$					= 119.70"
1" x 30.00" x 4.10" x $\frac{(1.2+1.9)}{2}$					= 190.65"
1" x 24.00" x 2.10" x $\frac{(1.5+2.0)}{2}$					= 88.20"
1" x 23.45" x 1.70" x $\frac{(1.4+2.1)}{2}$					= 69.764"

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$140 \times 9.45 \text{ m} \times 3.50 \text{ m} \times \left(\frac{1.4+2.0}{2}\right) \text{ m} = 56.227 \text{ m}^3$
					$1 \text{ m} \times 30.0 \text{ m} \times 2.20 \text{ m} \times \left(\frac{0.5+1.7}{2}\right) \text{ m} = 7.26 \text{ m}^3$
					Total 1380.039 m ³
(2) Providing Bricks					
Bats — do —					
as per Specification					
& dir. 1/4/9.					
					$9 \text{ Nos} \times 30.0 \text{ m} \times 3.0 \text{ m} \times \left(\frac{0.20+0.25}{2}\right) \text{ m}$
					$= 182.25 \text{ m}^3$
					$4 \text{ m} \times 30.0 \text{ m} \times 3.0 \text{ m} \times \left(\frac{0.20+0.25}{2}\right) \text{ m}$
					$= 81.00 \text{ m}^3$
					Total 263.25 m ³

(3) Labour for EC Bags filling do as per Specification & dir. 1/4/9.

$$1 \text{ No.} \times 17.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.5+1.2}{2}\right) \text{ m} = 17.212 \text{ m}^3$$

$$1 \text{ m} \times 20.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.15+1.1}{2}\right) \text{ m} = 16.875 \text{ m}^3$$

$$1 \text{ m} \times 30.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.5+1.1}{2}\right) \text{ m} = 29.25 \text{ m}^3$$

$$1 \text{ m} \times 33.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.3+0.8}{2}\right) \text{ m} = 25.987 \text{ m}^3$$

$$1 \text{ m} \times 32.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.0+0.8}{2}\right) \text{ m} = 21.60 \text{ m}^3$$

$$1 \text{ m} \times 16.75 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{1.0+1.2}{2}\right) \text{ m} = 13.819 \text{ m}^3$$

$$1 \text{ m} \times 30.0 \text{ m} \times \left(\frac{0.5+1.0}{2}\right) \text{ m} \times \left(\frac{0.8+1.5}{2}\right) \text{ m} = 25.875 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
120.00 x 0.07 x $\left(\frac{0.5+1.0}{2}\right)$ x $\left(\frac{0.8+0.9}{2}\right)$ m ³					7.125 m ³
1" x 24.00" x $\left(\frac{0.5+1.0}{2}\right)$ x $\left(\frac{1.1+0.9}{2}\right)$ "					18.00
1" x 23.00" x $\left(\frac{0.5+1.0}{2}\right)$ x $\left(\frac{1.05+0.65}{2}\right)$ "					14.662
1" x 9.45" x $\left(\frac{0.5+1.0}{2}\right)$ x $\left(\frac{0.95+0.5}{2}\right)$ "					5.138
Total					207.543 m ³
Nos. of BBs = 207.543					
					0.034
					= 6104 Nos
④ Labour for driving					
62 mm to 75 mm					
dia Bamboo					
do					

as per specification
& dir. of 8/89

$$1 \times 17.35 \text{ m} = 17.35 \text{ m}$$

$$1 \times 20.00 \text{ " } = 20.00 \text{ "}$$

$$1 \times 18.00 \text{ " } = 18.00 \text{ "}$$

$$1 \times 33.50 \text{ " } = 33.50 \text{ "}$$

$$1 \times 32.00 \text{ " } = 32.00 \text{ "}$$

$$1 \times 16.75 \text{ " } = 16.75 \text{ "}$$

$$1 \times 30.00 \text{ " } = 30.00 \text{ "}$$

$$1 \times 30.00 \text{ " } = 30.00 \text{ "}$$

$$1 \times 24.00 \text{ " } = 24.00 \text{ "}$$

$$1 \times 23.45 \text{ " } = 23.45 \text{ "}$$

$$1 \times 9.45 \text{ " } = 9.45 \text{ "}$$

$$1 \times 3.00 \text{ " } = 3.00 \text{ "}$$

$$287.50 \text{ m}$$

$$\text{Nos of BBs } 959 \times 4.0 \text{ m}$$

Continuation

$$= 3836 \text{ m}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ 3/4" x 1/2" of Bamboos					
62mm to 75mm across					
do as per					
specification &					
dir. of 1979,					
3105. x 287.50 m = 862.50 m					
3/10/79					
16/12/21					
FE					
Abstract of Cost.					
① Const. of embank					
mount with approx					
material do					

vide m/s - (1) (2)

1380.039 m³ @ ₹ 370.15/m³ ₹ 510821.43

② Providing Brick

Bats do

vide m/s (2)

263.25 m³ @ ₹ 1895.34/m³ ₹ 498948.25

③ Labour for cc

Bags filling do

vide m/s (2) (3)

6104 nos @ ₹ 37.34/Each ₹ 227923.26

④ Labour for driving

62mm to 75mm

bamboos pile do

vide m/s (3)

3836 m @ ₹ 51.05/m ₹ 195827.80

Continuation

