201

Schedule XLV-Form No. 134

_____ DIVISION

_____ SUB-DIVISION

MEASUREMENT BOOK

447

16/10/21

प्रमाणित किया जाता है कि इस मापी पुस्तिका में मशीन द्वारा कुल 50 पन्ने अंकित हैं जिसे सहायक अभियन्ता अमदाबाद के नाम से निर्गत किया जाता है।

E. E.
R. W. D. W. D.
Manihari

Sch. XLV—Form No. 134

E. E. ______ DIVISION

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

MEASUREMENT BOOK

No.

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

Date of first entry ______

Date of last entry ______

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				Contents of area
	No.	L.	B.	D.	
-Record Measurement-					
Name of work :- Restoration of Jyoti Mahananda Tola Bindo to Bindo Tola Anusuchit.					
Agency :- Departmental					
Authority : E.E RWD Manihari Katihar					
C H : FDR (2245)					
Date of measurement :- 16/12/24					
Work done					

Item.

1. Construction of Embankment with approved material obtained from borrow - pit

	1	15	$\left(\frac{1.0+1.20}{2}\right) \times \left(\frac{0.90+1.50}{2}\right)$	$= 19.80\ m^3$
	2	15	$\left(\frac{1.10+1.50}{2}\right) \times \left(\frac{0.90+1.40}{2}\right)$	$= 43.13\ m^3$
	2	15	$\left(\frac{1.10+1.20}{2}\right) \times \left(\frac{0.90+1.50}{2}\right)^2$	$= 39.60\ m^3$
	1	25	$\left(\frac{1.0+1.50}{2}\right) \times \left(\frac{0.90+1.40}{2}\right)$	$= 35.94\ m^3$
	1	35	$\left(\frac{1.0+1.20}{2}\right) \times \left(\frac{0.90+1.70}{2}\right)^2$	$= 50.05\ m^3$
	1	28	$\left(\frac{1.0+1.50}{2}\right) \times \left(\frac{0.90+1.40}{2}\right)$	$= 40.25\ m^3$
	2	15	$\left(\frac{1.0+1.20}{2}\right) \times$	

Continuation

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
$\left(\frac{0.90+1.40}{2}\right)$				=	39.60 m³
1 × 30 × $\left(\frac{1.0+1.50}{2}\right)$ × $\left(\frac{0.90+1.40}{2}\right)$				=	43.13 m³
3 × 15 × $\left(\frac{1.0+1.20}{2}\right)$ × $\left(\frac{0.90+1.50}{2}\right)$				=	59.40 m³
1 × 25 × $\left(\frac{1.0+1.50}{2}\right)$ × $\left(\frac{0.90+1.40}{2}\right)$				=	35.94 m³
1 × 27 × $\left(\frac{1.0+1.20}{2}\right)$ × $\left(\frac{0.90+1.50}{2}\right)$				=	35.64 m³
1 × 24 × $\left(\frac{1.0+1.50}{2}\right)$ × $\left(\frac{0.90+1.60}{2}\right)$				=	37.50 m³
			Total	=	479.98 m³

2. Providing Bricks Bats Including spreading, laying-compacting with C.I - etc

1 × 10 × $\left(\frac{5.50+6.50}{2}\right)$ × $\left(\frac{0.75+0.90}{2}\right)$				=	49.50 m³
1 × 15 × $\left(\frac{5.50+6.50}{2}\right)$ × $\left(\frac{0.75+0.95}{2}\right)$				=	76.50 m³
			Total	=	126.00 m³

3. Labour for sand filling in cement Bag. Suing and laying material.

1 × 15 × $\left(\frac{0.50+2.0}{2}\right)$ × $\left(\frac{1.50+1.20}{2}\right)$				=	25.313
2 × 15 × $\left(\frac{0.50+1.30}{2}\right)$ × $\left(\frac{1.15+1.10}{2}\right)$				=	30.375
2 × 15 × $\left(\frac{0.50+1.50}{2}\right)$ × $\left(\frac{1.15+1.10}{2}\right)$				× 3 =	39.00
2 × 25 × $\left(\frac{0.50+1.60}{2}\right)$ × $\left(\frac{1.30+0.80}{2}\right)$				=	27.563

Continuation

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1 X 35 X	$\frac{(0.50+1.50)}{2}$ X $\frac{(1.90+0.80)}{2}$			X	= 49.250 = 24.563
1 X 24 X	$\frac{(0.50+1.40)}{2}$ X $\frac{(1.00+1.20)}{2}$			X	= 25.080
1 X 15 X	$\frac{(0.50+1.80)}{2}$ X $\frac{(0.50+1.50)}{2}$			X	= 17.250
1 X 30 X	$\frac{(0.50+1.30)}{2}$ X $\frac{(1.50+0.70)}{2}$			X	= 32.400
3 X 15 X	$\frac{(0.50+1.50)}{2}$ X $\frac{(1.50+0.90)}{2}$			X	= 54.000
1 X 25 X	$\frac{(0.50+1.80)}{2}$ X $\frac{(1.05+0.65)}{2}$			X	= 24.438
1 X 27 X	$\frac{(0.50+1.20)}{2}$ X $\frac{(0.95+0.50)}{2}$			X	= 16.639
1 X 24 X	$\frac{(0.50+1.20)}{2}$ X			X	

$\frac{(0.95+0.50)}{2}$				= 14.790
1 X 10 X $\frac{(0.50+1.20)}{2}$ X $\frac{(0.95+0.50)}{2}$				= 6.163
1 X 15 X $\frac{(0.50+1.20)}{2}$ X $\frac{(0.95+0.50)}{2}$				= 9.244
		Total		= 369.505
No. of Bays =		369.505		
		0.034		
		=		10868.0

4. Labours for driving 62 mm to 75 mm dia Bamboo - etc

	1 X	15.0	= 15.0m
	2 X	15.0	= 30.0m
	2 X	15.0	= 30.0m
	1 X	25.0	= 25.0m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1 ×	35.0		= 35	.0 m
	1 ×	24.0		= 24	.0 m
	2 ×	15.0		= 30	.0 m
	1 ×	30.0		= 30	.0 m
	3 ×	15.0		= 45	.0 m
	1 ×	25.0		= 25	.0 m
	1 ×	27.0		= 27	.0 m
	1 ×	24.0		= 24	.0 m
	1 ×	10.0		= 10	.0 m
	1 ×	15.0		= 15	.0 m
				Total = 3	65.00
No. of piles		= (365.0 / 0.3 + 1) × 4			
	= 4868.0 #		~~3653.0~~		m
5. Supplying fitting and					
fixing of bamboo 62 mm to 75 mm dia runners etc					
	No 3.0	× 365.0		= 1095.0	
			Total =	1095.0 m	

16/12/24 [signature] 18/12/24 [signature]

– Abstract of cost –

Item.

1. Construction of Embankment with approved material obtained from borrow pits with etc 479.98 m^3 P-2 @ 370.15/m^3 = 177664.60

2. Providing Brick Bats including spreading, laying compacting with C.I Hammer etc

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
126.0 m³		P-2			
@ 1895.340/m³				=238812.84	
3. Labour for sand filling in cement Bag suring and carrying materials					
10868.0		P-3			
@34.340/each				=373207.12	
4. Labour for driving 62 mm to 75 mm dia Bamboo piles etc					
4868.0 m		P-4			
@51.050/m				=248511.40	
5. Supplying fitting and fixing of bamboo 62 mm to 75 mm m etc					
1095.0 m²		P-4			
@28.010/m²				=30670.95	
		Total Rs =		1068866.91	

Add	12% GST =			128264.02	
Add	2.5 0.2% =			10688.66	
Add	SF 10% =			49463.00	
	Net Total =			1257283.00	

16/12/21 JE

16/12/21 AE

16/12/21

Continuation