

FDR-2021-22

N/W - PMUSY Road Shahabad to Athigama.

Schedule XLV Form N.134.

P.W.D.

Naingachhiya.

DIVISION

Narayanpur

SUB DIVISION

7/1

MEASUREMENT BOOK

प्रमाणित किया जाता है कि मापी पुस्तक
संख्या 711 में मशीन मुद्रित कुल 100/-
(एक सौ) पृष्ठ अभिलेखित हैं। यह मापी पुस्तिका
श्री नरेन्द्र कुमार साहायक, अभियंता, ग्रामीण
कार्य विभाग कार्य क्षेत्र जमशेदपुर, नारायणपुर
के नाम FDR/2021-22 योजनावर्ष
Emergency repair & restoration of Rural
roads affected by heavy rains/flood के
कार्य हेतु निर्माण किया जाता है।

R. W. D.
Executive Engineer
R. W. D., W. D., Naugachia
Date
2/11/21

Schedule XLV Form No. 134

.....DIVISION

.....SUB-DIVISION

MEASUREMENT BOOK 711

Name of Office

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 and the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents or area
	No.	L	B	D	
N/W - Temporary Retention work in Purnea Road					
Shahabad to Arghamari					
Block - Narayanpur.					
Agency -					
Authority - Executive Engineer					
R.W.D. Work Division					
Maugachhiya.					
Record Entry.					

Date - 8/11/21

(1) Providing 62mm to 75mm dia bamboo pile to size and making shows and driving etc do.

Near 1st cutting.

2X 30 Nos X 5.0m = 300 M

1X 18 Nos X 5.0m = 90 M

Near 2nd cutting.

1X 28 Nos X 5.0m = 140 M

Total = 530 M

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
② Plr Fitting & joining 62mm to 75mm dia bamboo runners in position of runway vertical piles also					
1st cutting -					
5 Nos x 78 m =					390.01
2nd cutting					
5 Nos x 28 m					140.01
				total =	530.01
③ Providing sand					
bag with sand and labour including carriage laying filling etc also					
1st cutting					
$1 \times 17.0 \text{ m} \times \frac{1.20 + 2.50}{2} \times 3.30 =$					103.79 m ³
$1 \times 30.0 \text{ m} \times \frac{1.20 + 2.50}{2} \times 2.75 =$					152.63 m ³
$1 \times 31.0 \text{ m} \times \frac{1.20 + 2.50}{2} \times 2.75 =$					157.71 m ³
2nd cutting					
$1 \times 28.0 \times \frac{1.75 + 3.0}{2} \times 2.50 =$					166.25 m ³
(near HP -					
$1 \times 27.0 \times \frac{2.20 + 3.50}{2} \times 2.60 =$					200.07 m ³
					780.45 m ³
				or, 22954 bag	
Wing 02/11/21 JE				20m ✓ 02/11/21 (Continuation) JE	

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Record Entry					
Date - 13/11/21					
① Providing sand bag					
with local standard					
labour including					
carriage carrying					
— old —					
41 - 5000 to 6000 m					
1x 4.0 x 2.50 x 1.0 =					10.0 m ³
1x 9.0 x 2.50 x 1.0 =					22.50 m ³
1x 9.80 x 1.50 x 0.50 =					7.35 m ³
1x 10.50 x 1.20 x 0.30 =					3.78 m ³
1x 6.0 x 1.0 x 0.60 =					3.60 m ³
1x 3.0 x 1.0 x 0.30 =					0.90 m ³
1x 5.0 x 1.80 x 0.50 =					4.50 m ³
1x 24.0 x 1.20 x 0.45 =					12.96 m ³
1x 1.0 x 1.0 x 1.0 =					1.0 m ³
1x 3.50 x 2.0 x 0.50 =					3.50 m ³
1x 6.0 x 1.0 x 0.50 =					3.75 m ³
1x 5.0 x 1.50 x 0.50 =					3.75 m ³
1x 24.0 x 3.0 x 0.60 =					43.20 m ³
near 3rd cutting					
(2x 30m x 1.50 + 2.50) x 3.30 =					396.0 m ³
1x 10m x 1.50 + 2.50 x 3.30 =					66.0 m ³
Veigl.					582.79 m ³
13/11/21				17	141 bag
J.E.					

(Continuation)

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents or area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Record Entry					
Date - 15/11/21					
① Providing Bricks Work					
including spreading					
laying hand packing					
compacting etc.					
CH - 3000 to 3900m					
1x	10.0x	2.0x	0.30 =		9.0m ³
5x	30.0x	4.0x	0.60 =		360.0m ³
1x	20.0x	4.0x	0.60 =		48.0m ³
1x	5.0x	2.0x	1.0 =		10.0m ³
CH - 3900 to 4000m					

4x	30.0x	3.90x	$\frac{0.40+0.60}{2}$		234.0m ³
1x	7.0x	3.90x	$\frac{0.40+0.60}{2}$		13.65m ³
1x	15.50x	1.50x	0.60 =		13.95m ³
CH - 5000 - 6000m					
1x	24.50x	1.0x	0.50 =		12.25m ³
1x	7.0x	2.10x	0.40 =		5.88m ³
1x	9.50x	1.0x	0.45 =		4.28m ³
5x	5.0x	1.0x	0.50 =		12.50m ³
1x	31.50x	1.50x	0.40 =		18.90m ³
2x	2.0x	0.50x	0.30 =		0.60m ³
1x	1.50x	1.0x	0.40 =		0.60m ³
1x	9.0x	0.50x	0.40 =		1.80m ³
1x	12.0x	0.60x	0.45 =		3.24m ³
1x	4.0x	1.0x	0.45 =		1.80m ³

Uingl.
 15/11/21
 SE

(Continuation)

15/11/21
 ME

Total = 750.45m³

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Record Entry					
Date - 19/11/21					
① Providing Brick bats including spreading					
Laying hand backing					
& Compacting - do -					
near Est cutting					
1x 30x		$\frac{2.0+4.0}{2}$	x 3.0 =		270.0 m ³
1x 31.0x		$\frac{2.0+4.0}{2}$	x 3.0 =		279.0 m ³
1x 30.0x 3.50 x 0.75 =					78.75 m ³
1x 31.0x 3.50 x 0.75 =					81.38 m ³
1x 10.0x 1.80 x $\frac{1.0+2.0}{2}$ =					27.0 m ³

5x 30.0x 4.0 x $\frac{1.0+2.0}{2}$ =	900.0 m ³
1x 2.0x 4.0 x $\frac{1.0+2.0}{2}$ =	12.0 m ³
Total Qty = 1648.13 m ³	

U.S.P.
19/11/21
G.E.

Q.M.
19/11/21
M.E.

(Continuation)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Record Entry.					
date - 24/11/21					
① Providing Brick bats					
including spreading					
laying hand packing					
& Compacting — do —					
2nd cutting.					
1x	28.0x	$\frac{2.0 + 4.0}{2}$	x	3.0x	252.0m ³
Near H.P.					
1x	10.0x	$\frac{2.0 + 4.50}{2}$	x	3.10x	100.75m ³
1x	3.0x	1.40x	x	0.90x	3.78m ³
1x	1.50x	1.50x	x	0.90x	2.03m ³

CH - 6000 - 7000 m.					
2x	30.0x	$\frac{4.0 + 5.0}{2}$	x	$\frac{3.0 + 0.90}{2}$	162.0m ³
1x	4.0x	$\frac{4.0 + 5.0}{2}$	x	$\frac{3.0 + 0.90}{2}$	10.80m ³
1x	20.0x	1.50x	0.40x		12.0m ³
1x	10.0x	4.50x	0.90x		40.50m ³
1x	7.0x	0.60x	0.50x		2.10m ³
1x	15.50x	1.0x	0.50x		7.75m ³
1x	4.0x	1.0x	0.40x		1.60m ³
1x	5.0x	1.10x	0.30x		1.65m ³
1x	5.0x	0.40x	0.30x		0.60m ³
1x	5.0x	0.90x	0.30x		1.35m ³
1x	7.0x	1.0x	0.30x		2.10m ³
1x	8.0x	1.10x	0.40x		3.52m ³
Total CH =					604.53m ³

(Continuation)

W.S.P.
24/11/21
S.G.

Q. No. 1
24/11/21
A.E.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Record Entry.					
Date - 27/4/21					
① Providing Brick Gals including spreading laying hand balling & Compacting do					
CH-7000-8000m					
1x 24.0x1.30x $\frac{0.60+1.0}{2}$					24.96m ³
1x 8.0x1.20x 0.60					5.76m ³
1x 16.50x $\frac{2.50+3.0}{2}$ x 0.30					13.61m ³
Shortage 600m ³					
1x 23.0x2.0x 0.40					18.40m ³
1x 10.0x6.0x 0.60					36.0m ³
1x 8.0x2.50x 0.60					12.0m ³
1x 15.0x4.50x 0.60					40.50m ³
2x 7.0x2.0x 0.60					16.80m ³
1x 7.0x3.0x 0.30					6.30m ³
CH-9000-9000m					
1x 28.0x $\frac{0.60+1.20}{2}$ x 1.0					25.20m ³
4x 30.0x $\frac{1.50+2.0}{2}$ x 1.00					294.0m ³
1x 18.0x $\frac{1.50+2.0}{2}$ x 1.40					44.10m ³
1x 30x 1.80 x 0.25					13.50m ³
1x 10x $\frac{1.80+2.30}{2}$ x 0.30					6.15m ³
1x 23x 1.50 x 0.45					15.53m ³
1x 39.0x 1.50 x 0.30					17.55m ³
1x 10.0x 1.0x $\frac{0.30+1.0}{2}$					6.50m ³
2x 5.0x 3.0x 0.30					9.0m ³

(Continuation)

605.86m³

Sch. XLV-Form No. 134

R.F. 605.86 m³

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
1x	6.0x	2.0x	0.30 =		3.60 m ³
Link Road	4m -	0.10	700m		
1x	3.0x	1.50x	0.30 =		1.35 m ³
1x	1.0x	3.60x	0.30 =		1.08 m ³
1x	2.30x	1.0x	0.30 =		0.69 m ³
1x	1.40x	0.60x	0.30 =		0.25 m ³
1x	2.80x	0.50x	0.25 =		0.35 m ³
1x	2.90x	0.60x	0.30 =		0.52 m ³
1x	6.40x	0.40x	0.30 =		0.77 m ³
1x	11.0x	0.60x	0.30 =		1.98 m ³
1x	14.0x	$\frac{3.50+3.90}{2}$	$\frac{0.60+1.20}{2}$		46.62
1x	3.0x	1.0x	1.0 =		3.0 m ³
1x	5.50x	2.10x	0.15 =		1.73 m ³
1x	3.40x	0.50x	1.0 =		1.70 m ³
1x	5.40x	0.40x	1.0 =		2.16 m ³
2x	3.0x	0.30x	0.30 =		0.54 m ³
1x	10.0x	3.60x	0.30 =		10.80 m ³
1x	4.0x	0.60x	0.40 =		0.96 m ³
1x	1.50x	0.60x	0.30 =		0.27 m ³
2x	5.0x	0.40x	0.20 =		0.80 m ³
1x	6.50x	$\frac{1.0+2.0}{2}$	1.10 =		10.73 m ³
1x	12.30x	0.60x	0.20 =		1.48 m ³
2x	4.0x	0.40x	0.20 =		0.64 m ³
Neat M.P. - 1x	10.50x	$\frac{1.80+2.30}{2}$	$\frac{0.60+1.0}{2}$		17.22 m ³
1x	12.0x	2.30x	$\frac{0.70+1.0}{2}$		23.46 m ³
1x	5.50x	1.80x	0.15 =		1.49 m ³
			total		740.05 m ³

(Continuation)

U.S.P.
27/11/21
S.E.

27/11/21
RE

Executive Engineer
B. W. B. W. B. Naugach

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents or area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	Final Bill				
N/W -	Temporary Restoration work in PMU Road Chakabadi to Angama.				
Block -	Narayampur				
Agency -					
Authority -	Executive Engineer R.W.D. work division Nangalwinda.				
Date of Entry -	27/11/2021				
	ABSTRACT OF COST				
①	Providing Bricks				

	Rate including	
	spreading laying	
	hand packing &	
	compacting — do —	
	same at wide ends	
750.45 m ³	9 mm - 1 & 1/2	4
1648.13 m ³	9 mm - 1 & 1/2	5
604.53 m ³	9 mm - 1 & 1/2	6
740.05 m ³	9 mm - 1 & 1/2	7/8
3743.16 m ³	@ 1677.54 / m ³	Rs 6279301 = W
②	Providing salt for	
	cutting 62 mm to 75 mm	
	dia bamboo pile to	

(Continuation) Rs 6279301 = W

27/11/2021
5.6

(Continued)

Executive Engine
R. W. D. W. D. Naugac

③

Providing sand bag

with local sand

and labour including do

same qty vide Tm B

22954 bag 9tm - 32 Page - 2

17141 bag 9tm - 12 Page - 3

40095 bag @ 30.70/bag - Rs 1230916=12

Rx 7551992=00

Add G.S.T @ 12% - Rs 906239=00

Add C.G.E.S.T @ 1% - 75520=00

Add S.F @ 10% - 412737=00

Rx 89,46,488=00

Ungl.

27/11/2021

S.E

(Continuation)

27/11/21

Executive Engineer

R. W. D. W. D. Naugach