

Schedule XLV-Form No. 134

*Restoration of Road from Dymma more
to Amozia*

DIVISION

NAKPATGANJ

SUB-DIVISION

MEASUREMENT BOOK

मापन पुस्तक संख्या- 3472021-22

6/60
30/7/21

कार्यपालक अभियंता
ग्राहीण कार्य विभाग
कार्य प्रमण्डल फारबिसगंज

30/7/21

Sch. XLV—Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

No. 94-

2021-22

Name to 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.	
Name of work—					
Realign of Road					
from Dumra					
road to Amariya					
Agency—Departmental					
Authority—EE & PWD, Bargarh					
Chargeable head—2245/FDR					

① Filling of Local					
sand obtained					
from river bed					
at all comp.					
$1 \times 51m \times \left(\frac{6.5 + 5.5}{2} \right)m$					
$\times \left(\frac{12.6 + 9.9 + 1.8}{3} \right)m$					
$= 788.40m^3$					
$2 \times 64m \times \left(\frac{2.5 + 1.5}{2} \right)m$					
$\times \left(\frac{0.8 + 0.9}{2} \right)m$					
$= 217.60m^3$					
$1006m^3$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

$$1 \times 18 \times \left(\frac{16.5 + 5.5}{2} \right) \text{m}$$

$$\times \left(\frac{2.6 + 2.9 + 1.8}{3} \right) \text{m}$$

$$= 262.80 \text{m}^3$$

$$1 \times 44 \times \left(\frac{2.2 + 1.5}{2} \right) \text{m}$$

$$\times \left(\frac{0.8 + 0.9}{2} \right) \text{m}$$

$$= 74.80 \text{m}^3$$

$$1 \times 62 \times \left(\frac{2.5 + 1.5}{2} \right) \text{m}$$

$$\times \left(\frac{0.8 + 0.9}{2} \right) \text{m} = 54.4 \text{m}^3$$

$$139.8 \text{m}^3$$

② Labour for
cutting 62mm.
to 45mm bamboo
piles do all
comp

$$2 \times 51 \times 3 \times 3 \text{m} = 912 \text{m}$$

$$2 \times 64 \times 3 \times 2 \text{m} = 768 \text{m}$$

$$1 \times 18 \times 3 \times 3 \text{m} = 162 \text{m}$$

$$1 \times 44 \times 3 \times 2 \text{m} = 264 \text{m}$$

$$1 \times 32 \times 9 \times 2 \text{m} = 192 \text{m}$$

Continuation

$$2358 \text{m}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Labour for fitting and fixing 6mm to 75mm dia bamboo runner do all comp					
		2x54m	x3	=	324m
		2x64m	x3	=	384m
		1x18m	x3	=	54m
		1x44m	x3	=	132m
		1x32m	x3	=	96m

990m

(4) Supplying of
EC Reg. filling
of local sand
do all comp

$$2 \times 54m \times \left(\frac{0.6 + 0.4}{2} \right) m$$

$$2 \times 64m \times \left(\frac{0.6 + 2.4 + 0.8}{3} \right) m$$

$$= 131.40m^3$$

$$2 \times 64m \times \left(\frac{0.6 + 0.4}{2} \right) m$$

$$1 \times \left(\frac{0.8 + 0.9}{2} \right) m = 146.88m^3$$

$$278.28m^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x18m x		(10.6+10.4)			
		$\frac{21}{2}$			
		$\times (10.6+10.4)$			
		$\frac{21}{2}$			
					$= 59.13m^2$
1x44m x		(10.6+10.4)			
		$\frac{21}{2}$			
		$\times (10.8+10.4)$			
		$\frac{21}{2}$			
					$= 50.49m^2$
1x32m x		(10.6+10.4)			
		$\frac{21}{2}$			
		$\times (10.8+10.4)$			
		$\frac{21}{2}$			
					$= 36.22m^2$

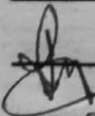
$424.62m^2$

total No of bag =

$$424.62 \times 35.35 = 14995 \text{ bag}$$

(4) Supplying of
60 bag filling
of local sand
stitching to
all Comp

(5) Subjunctive carriage
of brick bats
do all Comp
do all Comp

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
(1) Filling of local sand do					
139m ³ vide TMBP—(2)					
@ 627.77/m ³					
Rs 8,77,625.00					
(2) Labour for cutting bamboo piles do all comp					
2358m vide TMBP—(2)					
@ 75.86/m					
Rs 1,78,874.00					
(3) Labour for fitting bamboo piles do all comp					
990m vide TMBP—(3)					
@ 40.06/m					
Rs 39,660.00					
(4) Supplying of bag do					
14995 bag vide TMBP—(4)					
@ 37.35/bag					
Rs 560,063.00					
(5) Supplying and carriage of brick bats do all comp					
99.84m ³ vide TMBP—(5)					
@ 1870.43/m ³					
Rs 1,86,744.00					
Rs 18,42,934.00					
Add 12% GST @ Rs 2,21,152.00					
Rs 20,64,086.00					
					
18/08/21					
AE					
Continuation					
18/08/21					
AE					
18/08/21					
18/08/21					