

Schedule XLY-Form No. 134

Restoration of Road from Pimpri to Jithwasbus

DIVISION

MARPAT GANJ SUB-DIVISION

MEASUREMENT BOOK

11/2021-22

कार्यपालक अभियंता
ग्राहीण कार्य विभाग
कार्य प्रमण्डल फारविसगंज

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

No. 111 -

२०२१-२२

Name of Officer _____

Date of first entry _____

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- Restoration of Road from Pombhama to Jitwaspur					
Agency- Departmental					
Authority- EE Rwa Forbesgan					
Chargeable head- 2245/FR					
Work done					
① Filling of local sand obtained					

from river bed					
do all comp					
let cutting					
1x12m x $\left(\frac{3.5+1.5}{2}\right)$ m					
x $\left(\frac{1.2+1.5+1.2}{3}\right)$ m					
= 39.00 m ³					
2x20m x $\left(\frac{2.5+1.5}{2}\right)$ m					
x $\left(\frac{1.2+1.5+1.2}{3}\right)$ m					
= 104.00 m ³					
2x50m x $\left(\frac{2.5+1.5}{2}\right)$ m					
x $\left(\frac{1.2+1.5+1.2}{3}\right)$ m					
= 260.00 m ³					
					403 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					RF 403m ³
					1x32m x $\left(\frac{2.5+1.5}{2}\right)$ m
					$\times \left(\frac{1.2+1.5+1.2}{3}\right)$ m
					= 96.2m ³
					1x70m x $\left(\frac{2.5+1.5}{2}\right)$ m
					$\times \left(\frac{1.2+1.2+1.2}{3}\right)$ m
					= 182m ³
					2x50m x $\left(\frac{2.5+1.5}{2}\right)$ m
					$\times \left(\frac{1.2+1.2+1.2}{3}\right)$ m

					2260.0m ³
					941.2m ³ (A)
(2) Labour for					
cutting bamboo					
piled etc					
1x12x2x3					
2nd cutting					
					1x50m x $\left(\frac{3.5+1.5}{2}\right)$ m
					$\times \left(\frac{2.0+3.0+2}{3}\right)$ m = 291.67m ³
					1x50m x $\left(\frac{2.5+1.5}{2}\right)$ m
					$\times \left(\frac{2.5+3+2}{3}\right)$ m = 250m ³
					541.67m ³
					(B)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Hence for total					
$(941.2 + 541.67)$					
					$= 1482.87 \text{ m}^3$
② Labour for cutting bamboo Piles etc					
1st all comp					
1x12x3x3m = 108m					
2x20x3x2m = 240m					
2x50x3x3m = 900m					

1x76x3x3m = 684m					
1x32x3x3m = 288m					
2x50x3x3m = 900m					
3120m					
2nd cutting					
1x50x3x2m = 300m					
1x50m x 3 x 2m = 300m					
600m					
Hence total (3120 + 600)m					
= 3720m					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) labour for filling and fixing bamboo scaffolding do— 1st cutting					
		1x12m	3		36m
		1x20m	3		60m
		1x50m	3		150m
		1x76m	3		228m
		1x32m	3		96m
		2x50m	3		300m
					870m (A)

2nd cutting					
		1x50m	3		150m
		1x50m	3		150m
					300m (B)

Hence total = (870 + 300)

1170m

(4) Supplying of
E.C. bag, filling
of local sand
do all comp

$$1 \times 12 \times \left(\frac{0.6 + 0.5}{2} \right) \text{ m}$$

$$\left(\frac{1.2 + 1.5 + 1.2}{3} \right) \text{ m} = 8.58 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 20m \times \left(\frac{0.6+0.5}{2} \right)m$					
$\times \left(\frac{1.2+1.5+1.2}{3} \right)m = 28.6m^3$					
$2 \times 50m \times \left(\frac{0.6+0.5}{2} \right)m$					
$\times \left(\frac{1.2+1.5+1.2}{3} \right)m = 71.5m^3$					
$2 \times 5m \times \left(\frac{0.6+0.5}{2} \right)m$					
$\times \left(\frac{1.2+1.5+1.2}{3} \right)m = 7.15m^3$					
$1 \times 32m \times \left(\frac{0.6+0.5}{2} \right)m$					
$\times \left(\frac{1.2+1.5+1.2}{3} \right)m$					

= 22.8m³

$$2 \times 30m \times \left(\frac{0.6+0.5}{2} \right)m$$

$$\times \left(\frac{1.2+1.5+1.2}{3} \right)m = 42.9m^3$$

$$2 \times 52m \times \left(\frac{0.6+0.5}{2} \right)m$$

$$\times \left(\frac{1.2+1.5+1.2}{3} \right)m = 74.8m^3$$

255.97m³

total no of cc bag

$$= 255.97 \times 35.315 = 9040 \text{ bag}$$

(LA)

and cutting

Continuation

$(A + B)$
 $= (110.85 + 21) = 131.85 \text{ m}^2$

$\frac{18182}{22}$

$\frac{121082}{12}$

Scanned with CamScanner

Sch. XLV—Form No. 10		Details of actual measurement				Contents of area
Particulars		No.	L.	B.	D.	
<u>Abstract of Cost</u>						
① Filling of Local sand						
do						
482.87m ³ vide TMBP-13						
@ 627.77/m ³						
Rs 302,901.00						
② Labour for cutting bamboo files do						
3720m vide TMBP-13						
@ 75.86/m						

Rs 2,82,199.00

(3) Labour for cutting & fitting bamboo
summers do
all comp

1170m vide TMBP-14

@ 40.06/m

Rs 46870.00

(4) Supplying of
EC bag, filling
of Local sand
do all
comp

Continuation

Rs 12,59,970.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
110606 bag vide m.B.P. (6)					
@ 37.35/bag					
					Rs 413,091.00
(5) Supply and carriage of brick bats for all comp					
131.85 m vide m.B.P. (7)					
@ 185/-/m					
					Rs 2,44,174.00

Rs 19,17,235.00
 Add 12% GST @ 18% 2,30,068.00
 Rs 21,47,303.00

18/8/21
 7E

Rs 18,100/-
 AE

DA =
 C2P
 13/8/21

Rs 18,108/21
 AE

Continuation