PDR- नवलपुर से सिरसहिया मापीपुस्त सं-2111

Schedule XLV-Form No. 134

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेतिया
________________ DIVISION

मैनाटांड़
________________ SUB-DIVISION

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस मापी
पुस्त में कुल - 100 (एक सौ) पृष्ठ है
जो अंकों में छापी गयी है।
यह मापी पुस्त श्री सुनिश्चित
सहायक अभियन्ता, ग्रामीण कार्य अवर
प्रमंडल, योगापट्टी को निर्गत किया जाता
है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेतिया।
26/8/21

This MB is Re-issued to
Sri Santosh Choubey, JE
Yogapatti

26/8/21
AE.

Sch. XLV - Form No. 134

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेतिया। DIVISION

योगापट्टी SUB-DIVISION

Measurement Book

No. 2111

Name of officer ____________

____

Date of first entry ____________

Date of last entry ____________

Name of 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of the work :					
Repair of Road breaches					
(Damaged by flood) for					
Motorability in Nawalpur					
Chowk to Sirkahiya Tek path					
Nirman.					
FY : 2021-22					
HEAD FDR					
	MEASUREMENT				
Item No - 1/2					
Providing M/L for laying Brick					
Bat —					T/S
	1x	4.20	x 4.40	x 0.40 =	7.39
	1x	2.40	x 5.50	x 0.42 =	5.54
	1x	1.50	x $\frac{2.10+1.90}{2}$	x $\frac{0.40+0.36}{2}$	

Continuation = 1.14

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×	9.20 ×	1.60 ×	0.59 =		8.68
1×	2.00 ×	3.00 ×	$\frac{0.35+0.37}{2}$		= 2.16
1×	1.00 ×	$\frac{1.75+1.85}{2}$	×	$\frac{0.90+1.00}{2}$	
				=	1.71
	1×	4.00 ×	2.90 ×	0.35 =	~~7.68~~ 4.06
	1× 8.00 ×	3.00 ×	0.32 =		7.68
	1× 5.00 ×	6.60 ×	0.31 =		10.23
	1× 7.40 ×	4.00 ×	0.56 =		16.58
	1× 6.00 ×	$\frac{4.60+4.40}{2}$	×	0.45	
				=	12.15
	1× 6.40 ×	$\frac{3.01+2.00}{2}$	×	$\frac{1.19+0.59}{2}$	
				=	14.24
	1×3.60 ×	4.00 ×	0.32 =		4.61
	1× 3.60 ×	3.60 ×	0.35 =		4.54

Continuation

1× 4.40 × 3.00 × 0.46 = 6.07

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×	3.00	×$\frac{2.50+1.50}{2}$	×	0	$\frac{40+0.44}{2}$
				=	2.52
1×	2.00	×1.50	×0.41	=	$\cancel{\frac{1.25+1.21}{2}}$
				=	1.23
1×17.00	×	$\frac{3.10+2.90}{2}$	×		$\frac{1.40+1.38}{2}$
				=	70.89
1×	1.50	×1.00	×0.96	=	1.44
1×	2.00	×4.00	×0.36	=	2.88
1×	3.00	× $\frac{2.25+1.75}{2}$		×	$\frac{0.40+0.38}{2}$
				=	2.34
1×	3260	×2.20	×0.43	=	2.89
1×	5.00	×2.08	×0.45	=	4.68
1×	2.00	×$\frac{4.00+3.00}{2}$		×	$\frac{0.90+0.80}{2}$
				=	5.95
1×	3.01	×$\frac{4.20+4.20}{2}$		×0	$\frac{.30+0.20}{2}$
				=	3.19

Continuation

$1 \times 3.36 \times \frac{3.00+2.60}{2} \times \frac{0.25+0.31}{2}$

$= 2.63$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 ×	4.40 ×	$\frac{2.70+2.50}{2}$		×	$\frac{0.95+0.87}{2}$
				=	10.41
1 ×	3.60 ×	$\frac{1.75+1.85}{2}$		×	$\frac{0.27+0.25}{2}$
				=	1.68
1 ×	5.00 ×	$\frac{2.75+2.85}{2}$		×	$\frac{0.40+0.32}{2}$
				=	5.04
1 ×	4.30 ×	$\frac{2.50+2.70}{2}$		×	$\frac{0.20+0.22}{2}$
				=	2.35
1 ×	2.30 ×	$\frac{1.90+1.70}{2}$		×	$\frac{0.30+0.20}{2}$
				=	1.04
1 ×	3.00 ×	$\frac{2.50+2.10}{2}$		×	$\frac{0.20+0.28}{2}$
				=	1.66
1 ×	2.80 ×	$\frac{3.25+3.17}{2}$		×	$\frac{0.50+0.40}{2}$
				=	4.04
1 ×	3.90 ×	$\frac{2.90+2.50}{2}$		×	$\frac{0.40+0.36}{2}$
				=	4.00
1 ×	4.60 ×	$\frac{3.15+2.55}{2}$		×	$\frac{0.45+0.41}{2}$

Continuation

= 5.64

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×	2.80 ×	$\frac{3.70+3.10}{2}$		× $\frac{0.40+0.38}{2}$	
				=	3.71
1×	3.40 ×	$\frac{2.90+2.30}{2}$		× $\frac{0.35+0.23}{2}$	
				=	2.56
1×	3.20 ×	$\frac{3.70+2.90}{2}$		× $\frac{0.29+0.33}{2}$	
				=	3.27
7×	30.00 ×	$\frac{4.40+3.60}{2}$		× $\frac{0.40+0.30}{2}$	
				=	294.00
5×	30.00 ×	$\frac{2.50+2.10}{2}$		× $\frac{0.45+0.33}{2}$	
				=	134.55
1×	1.00 ×	$\frac{3.90+2.10}{2}$		× $\frac{0.50+0.46}{2}$	
				=	1.44
1×	1.50 ×	$\frac{1.50+0.50}{2}$		× $\frac{0.52+0.50}{2}$	
				=	0.77
1×	3.00 ×	$\frac{1.75+1.25}{2}$		× $\frac{0.20+0.22}{2}$	
				=	0.95
1×	2.00 ×	$\frac{3.70+2.30}{2}$		× $\frac{0.20+0.30}{2}$	
				=	1.50

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1×	3.00×	3.00	×0.18 =	1.62
	4×	7.00	×$\frac{2.00+1.40}{2}$	×	$\frac{1.15+0.95}{2}$
				=	12.50
	1×	3.00×	$\frac{1.50+1.10}{2}$	×	$\frac{0.49+0.29}{2}$
				=	1.52
	1×	3.30×	$\frac{2.90+2.30}{2}$	×	$\frac{0.75+0.55}{2}$
				=	5.58
28.08.2021 J.E.		28/8/21 AE			707.24 m^3
Item No - 2/4					
Providing Bamboo piling — T/S					
					478.00 Rm
Item No - 3/5					
Providing Bamboo Runner — T/S					
					482.00 Rm

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No - 4/3					
Providing & placing Sand Bag					
					6394 Nos
30-08-2021 J.E.					
Item No - 5/2					
Providing M/c for laying Brick bat					P/S
	1 × 3.00 × (2.00+1.00)/2 × (0.75+0.43)/2				
					= 2.66
	1 × 2.60 × (8.00+1.00)/2 × (0.50+0.46)/2				
					= 1.52
	1 × 3.00 × (3.50+1.50)/2 × (0.50+0.36)/2				
					= 3.23
	1 × 2.80 × (2.90+0.90)/2 × (0.60+0.30)/2				
					= 2.39
	1 × 3.20 × (8.00+1.00)/2 × (0.40+0.24)/2				

Continuation = 2.05

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×	2.00	× 3.50	+1.50 / 2	×	0.66+0.46 / 2
				=	2.80
7×	30.00	× 1.50+1.30 / 2		×	0.88+0.62 / 2
				=	220.50
6×	30.00	× 2.95+1.25 / 2		×	1.16+0.76 / 2
				=	362.88
8×	30.00	× 1.10+2.10 / 2		×	0.80+0.58 / 2
				= 2	64.96
1×	1.50	× 1.20+0.80 / 2		×	0.50+0.40 / 2
				=	0.68
1×	3.00	× 8.30+2.10 / 2		×	0.39+0.33 / 2
				=	2.92
1×	6.00	× 1.25+0.75 / 2		×	0.53+0.25 / 2
				=	2.34
				8	53.29 m^3

06-10-2021
J.E.

Continuation

5/11/21
EE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
ABSTRACT OF COST					
Item No:- 1/2					
Providing M/C for laying Brick bat ——— T/S					
From T.M.B. page no – 6					
			Qty = 707.24 m^3		
From T.M.B. page no – 8					
			Qty = 863.39 m^3		
					1570.62 m^3
		@ Rs. 2048.30/m^3			
		= Rs. 3217121.00			
Item No- 2/3					
Providing Sand Bag — T/S					
from T.M.B. page no-7					
			Qty = 6394 Nos		
		@ Rs. 21.75/No			
		= Rs. 139070.00			

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No-3/4					
Providing Bamboo piling					
From T.M.B. page No. - 6					
			Qty = 478.00 Rm		
		@ Rs. 47.61/Rm			
		= Rs. 22758.00			
Item No-4/5					
Providing Bamboo Runners					
From T.M.B. page No - 6					
			Qty = 482.00 Rm		
		@ Rs. 26.85/Rm			
		= Rs. 12942.00			
			Rs. 3391890.00		
Add G.S.T. @ 12%		=	Rs. 407027.00		
Add C.C. @ 1%		=	Rs. 33919.00		
Add S.F.		=	Rs. 62173.00		
			Rs. 3895009.00		
	Say =		Rs. 3895000.00		

Continuation

Sd/- 05-11-2021 J.E.

Sd/- 5/11/21 EE