

Schedule XLV-Form No. 134

314401 512 Four 512 3450 4500 DIVISION

314401 512 Four 512 3450 4500 SUB-DIVISION
87537141 2407

MEASUREMENT BOOK

1

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.	
<u>Record measurement</u>					
N/W:- Estimate for motorability of					
Rel. damaged by flood from					
NH105 training Chowk to Hater					
Bast for year 2020 under F.D.R.					
N/A:- Department.					
Authority - E.E. R.W.D. Madhubani.					
Date of entry - 25.2.21.					
Name of Item - ① P.V. fixing					
filling brick bats in ditches					
including cost of brick bats					
and labour - do - E.D.					
$2.50 \times 2.00 \times 0.30 = 1.50 \text{ m}^3$					
$10.00 \times \frac{4.00 + 4.07}{2} \times \frac{(0.45 + 0.25 + 0.50)}{3} = 26.10$					
$11.00 \times \frac{3.85 + 4.9}{2} \times \frac{(0.35 + 0.80 + 0.60)}{3} = 12.987$					
$4.00 \times \frac{3.5 + 3.6}{2} \times 0.35 = 4.97$					
$3.00 \times 2.00 \times 0.30 = 1.80$					
$2.50 \times 1.50 \times 0.25 = 0.94$					
$2.00 \times 6.50 \times 2.50 \times 0.50 = 16.25$					
$15.00 \times \frac{2.00 + 2.25}{2} \times \frac{(0.65 + 1.00 + 0.45)}{3} = 22.313$					
$5.00 \times 1.80 \times 0.40 = 3.60$					
$4.00 \times 3.75 \times 0.40 = 6.00$					
$3.50 \times 0.50 \times 0.50 = 2.63$					

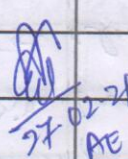
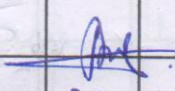
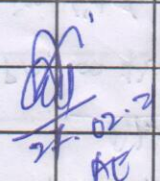
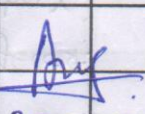
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		4.20	2.10	0.30	= 2.52 m ³
		$\frac{13.50 \times 3.75 + 4.55}{2}$		$\times \frac{(0.45 + 0.90 + 0.35)}{3}$	= 31.741
		4.20	1.10	0.50	= 2.31 "
		18.20	1.40	0.50	= 12.74 "
		2.90	4.10	0.45	= 5.36 "
		5.60	2.30	0.50	= 6.44 "
		2.50	3.10	0.30	= 2.25 "
		$\frac{13.10 \times 2.10 + 2.15}{2}$		$\times \frac{(0.45 + 0.40 + 0.35)}{3}$	= 31.747
		4.50	2.10	0.30	= 2.70 "
		6.10	1.20	0.40	= 5.76 "
		2.50	2.40	0.30	= 1.80 "
		$\frac{3.10 \times 3.85 + 4.25}{2}$		$\times \frac{1.65 + 1.40}{2}$	= 18.53 "

		1.10	1.10	0.50	= 0.50 "
		30.10	2.50	0.35	= 26.25 "
		4.10	1.50	0.30	= 0.80 m ³
		$\frac{22.10 \times 4.10}{3}$		$\times (0.35 + 0.60 + 0.45)$	= 39.60 m ³
		$\frac{12.10 \times 3.50}{3}$		$\times (0.45 + 0.90 + 0.35)$	= 23.80 m ³
		$\frac{20.10 \times 1.50}{3}$		$\times 0.40$	= 12.00 m ³
		$\frac{50.10 \times 1.50}{3}$		$\times (0.45 + 1.0 + 0.75)$	= 60.00
		12.10	2.10	0.40	= 0.60 m ³
		15.10	1.50	0.45	= 10.13 "
		20.10	1.50	0.40	= 12.10 "
		22.10	1.50	0.50	= 16.50 "
		5.10	1.10	0.40	= 2.10 "
		11.10	1.60	0.30	= 5.28 "
		1.10	1.10	0.25	= 0.25 "

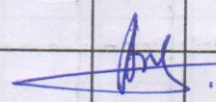
Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$15.10 \times 3.50 \times 0.45 = 23.63 m^3$
					$5.10 \times 1.50 \times 0.30 = 2.25 "$
					$17.10 \times 3.50 \times 0.45 = 26.78 "$
					$10.10 \times 3.50 \times (0.35 + 0.70 + 0.45) = 17.50 m^3$
					$11.10 \times 1.50 \times 0.40 = 6.60 "$
					$20.10 \times 1.10 \times 0.35 = 7.10 "$
					$2.50 \times 3.10 \times 0.45 = 3.38 "$
					$15.50 \times 3.50 \times (0.25 + 0.60 + 0.50) = 23.96 m^3$
					$0.75 \times 3.10 \times 0.45 = 1.01 "$
					$12.10 \times 3.10 + 5.2 \times (0.25 + 0.60 + 0.45) = 22.10 m^3$
					$4.10 \times 1.25 \times 0.30 = 1.50 "$
					$10.10 \times 1.50 \times 0.40 = 6.10 "$
					$60.10 \times 1.50 \times 0.40 = 36.10 "$
					$10.10 \times 1.25 \times 0.35 = 4.38 "$
					$3.10 \times 1.10 \times 0.30 = 0.90 "$
					<u>$549.61 m^3$</u>
					 25.2.21 A.E.
					 25.2.21.
Item No. (2) Laying Cement concrete					
Pipe 60mm dia. HP3 on					
1st. class - do - do - E.I.					
					$2 \times 2.50 m. = 5.00 m.$
					 25.2.21 A.E.
					 25.2.21. J.E.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost.</u>					
(1) P.V. as filling brick bats in ditches including cost of brick bats as labour— —do—do—B.I.T. Qty. vide T.M.B.P. NO. — (3), 549.61 m ³ @ 1867 = 76/m ³ Rs. 1049540 = 00					
(2) Laying current concrete Pipe 600mm dia. N.P. on 1st class—do—B.I.T. Qty. vide T.M.B.P. NO. — (3), 5.40 m @ 2330 = 62/m—Rs. 11653 = 00 Rs. 10,61,193 = 00					
Add. — P.S.T. — 12 1/4 — @ Rs. 127343 = 00 Add. L.C. — 1 1/2 — @ Rs. 10612 = 00 Add. Sundry — (+) Rs. 32934 = 00 Rs. 12,31,382 = 00					
 27.02.21 A.B.  25.2.21. J.F.					

Continuation