

$\frac{27}{2} \times \frac{9}{2} = 60.75$

Shedule XLV Form No. 134.

अनुग्रह संख्या - 3779

~~21st Division~~ **DIVISION**

3102545141521 SUB-DIVISION

Measurement Book

Record Measurement

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH-					
Authority -	EE RWD				
Works Div	Ar				
Name of Work -	Restoration				
Work on	L030 - To 4 PWD				
Road to	Jagatpur (L30)				
Under	Barhata Block				
Name of Agency -	Departmental				
Date of Entry measurement	15/09/2021				

Date of Entry - 18/09/2021

Measurement

① Providing and filling Bricks
 Bats in ditches - do - E/I

0.0 - 0.200 Km

$$1 \times 7.50 \times \frac{(2.00 + 1.25) \times 0.100}{2} = 1.22 \text{ m}^3$$

$$1 \times 1.00 \times 1.00 \times 0.150 = 0.15 \text{ m}^3$$

$$1 \times 2.00 \times 1.50 \times 0.200 = 0.60 \text{ m}^3$$

$$1 \times 13.00 \times 1.50 \times 0.150 = 2.93 \text{ m}^3$$

$$1 \times 3 \times 1.50 \times 0.125 = 0.56 \text{ m}^3$$

$$1 \times 1.00 \times 1.00 \times 0.125 = 0.13 \text{ m}^3$$

$$2 \times 2.00 \times 1.50 \times 0.150 = 0.90 \text{ m}^3$$

Continuation

6.48 m³



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/F	—		6.48 m ³
		2x 0.50 x 0.50 x 0.100 =			0.05 m ³
		1x 4.50 x 0.75 x 0.125 =			0.42 m ³
		1x 1.50 x 0.75 x 0.100 =			0.11 m ³
		1x 2.00 x 1.50 x 0.150 =			0.45 m ³
		1x 7.00 x 1.00 x 0.200 =			1.40 m ³
		1x 3.00 x 1.00 x 0.125 =			0.38 m ³
		1x 3.00 x 0.50 x 0.100 =			0.15 m ³
		1x 1.50 x 1.50 x 0.150 =			0.34 m ³
		1x 2.00 x 0.75 x 0.100 =			0.15 m ³
		1x 6.00 x 1.00 x 0.150 =			0.90 m ³
		0.200 = 0.400 Km			
		1x 8.00 x 1.00 x 0.150 =			1.20 m ³
		1x 4.00 x 0.75 x 0.125 =			0.38 m ³
		1x 4.00 x 1.50 x 0.150 =			0.90 m ³
		1x 1.00 x 1.00 x 0.100 =			0.10 m ³
		1x 18.0 x 1.00 x 0.175 =			3.15 m ³
		1x 3.00 x 1.50 x 0.200 =			0.90 m ³
		1x 5.00 x 0.50 x 0.100 =			0.25 m ³
		1x 2.00 x 0.50 x 0.100 =			0.10 m ³
		3x 0.50 x 0.50 x 0.150 =			0.11 m ³
		1x 15.0 x 1.50 x 0.150 =			3.38 m ³
		1x 1.00 x 1.00 x 0.125 =			0.13 m ³
		1x 2.00 x 1.00 x 0.150 =			0.30 m ³
		1x 13.0 x 1.50 x 0.175 =			3.41 m ³
		1x 9.00 x 1.50 x 0.200 =			2.70 m ³
					27.83 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			31/2		27.83 m ³
<u>0.400 - 0.500 Km</u>					
1x	7.00	1.50	0.150		1.58 m ³
1x	0.50	0.50	0.150		0.04 m ³
1x	2.50	1.00	0.160		0.40 m ³
1x	8.00	1.50	0.150		1.80 m ³
1x	3.00	1.50	0.155		0.70 m ³
1x	2.00	0.50	0.100		0.10 m ³
1x	2.50	1.50	0.150		0.56 m ³
1x	6.00	1.50	0.200		1.80 m ³
1x	0.50	0.50	0.100		0.03 m ³
1x	6.00	1.50	0.150		1.35 m ³
<u>0.500 - 0.600 Km</u>					
1x	4.00	1.50	0.150		0.90 m ³
1x	2.00	1.00	0.125		0.25 m ³
2x	1.50	1.00	0.150		0.45 m ³
1x	2.00	1.50	0.150		0.45 m ³
3x	0.50	0.50	0.100		0.08 m ³
<u>0.600 - 0.700 Km</u>					
1x	7.00	1.00	0.125		0.88 m ³
1x	1x	0.50	0.100		0.05 m ³
4x	1x	1x	0.125		0.50 m ³
3x	1x	1x	0.125		0.38 m ³
6x	1x	0.75	0.100		0.45 m ³
1x	4x	1.50	0.200		1.20 m ³
<u>0.700 - 0.900 Km</u>					
7x	1.00	1.00	0.150		1.05 m ³
Continuation					42.80 m ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	—	42.80 m ³
1x 8x	2.0	0.200			3.20 m ³
1x 7x	1.0	0.125			0.88 m ³
1x 23x	2.00	0.175			8.05 m ³
1x 9.0x	(2.85+3.10)			0.165	
			2		4.92 m ³
1x 15.0x	1.50	0.200			4.50 m ³
1x 1x	1.50	0.150			0.23 m ³
<u>0.900 - 1.00 Km</u>					
1x 5.0x	1.25	0.150			0.94 m ³
1x 2.0x	1.50	0.150			0.45 m ³
1x 6.0x	1.50	0.150			1.35 m ³
1x 4.0x	1.0	0.150			0.60 m ³
1x 1.50x	2.00	0.150			0.45 m ³
2x 1.00x	0.50	0.150			0.15 m ³
<u>1.00 - 1.100 Km</u>					
1x 2.0x	1.50	0.150			0.45 m ³
1x 8.0x	1.50	0.200			2.40 m ³
1x 5.50x	1.50	0.250			2.06 m ³
1x 1.50x	1.50	0.150			0.34 m ³
1x 1.0x	1.0	0.150			0.15 m ³
1x 3.0x	9.0	0.200			2.40 m ³
1x 2.00x	3.50	0.175			1.23 m ³
3x 1.50x	1.00	0.150			0.68 m ³
3x 1.0x	1.0	0.100			0.30 m ³
<u>1.100 - 1.200 Km</u>					
1x 1.50x	1.50	0.150			0.34 m ³

Continuation

78.34 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f	—	$78.34 m^3$
	1x	11.0x	1.0x	0.125 =	$1.38 m^3$
	1x	2.00x	1.50x	0.155 =	$0.47 m^3$
	1x	1.00x	2.50x	0.150 =	$0.38 m^3$
	1x	5.0x	2.00x	0.150 =	$1.50 m^3$
	1x	1.0x	1.50x	0.125 =	$0.19 m^3$
1.200 - 1.300 Km					
	1x	6.0x	1.50x	0.150 =	$1.35 m^3$
	1x	3.0x	2.0x	0.175 =	$1.05 m^3$
	1x	10x	1.0x	0.150 =	$1.50 m^3$
	1x	2.50x	2.0x	0.200 =	$1.00 m^3$
1.600 - 1.700 Km					
	1x	2.0x	1.0x	0.100 =	$0.20 m^3$
	1x	10.0x	$(5.45 + 5.55) \times 0.300$		
			2	=	$16.50 m^3$
	1x	3.0x	2.0x	0.150 =	$0.90 m^3$
	1x	5.0x	1.0x	0.150 =	$0.75 m^3$
	1x	1.0x	1.0x	0.125 =	$0.13 m^3$
	1x	4.0x	1.0x	0.125 =	$0.50 m^3$
	1x	2.0x	1.0x	0.150 =	$0.30 m^3$
	1x	5.0x	$(3.25 + 2.75) \times 0.200$		
			2	=	$3.00 m^3$
	1x	3.0x	1.50x	0.200 =	$0.90 m^3$
	1x	0.50x	0.50x	0.150 =	$0.04 m^3$
1.700 - 1.800 Km					
	1x	1.85x	3.50x	0.175 =	$1.13 m^3$
	1x	2.50x	2.80x	0.155 =	$1.05 m^3$

Continuation

112.58 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/F			11.2.58 m ³
1x 3.50 x 1.10 x 0.125					= 0.48 m ³
1x 0.50 x 0.50 x 0.100					= 0.03 m ³
1.900 - 2.200 Km					
5x 0.50 x 0.50 x 0.100					= 0.13 m ³
1x 1.50 x 2.50 x 0.150					= 0.56 m ³
1x 0.50 x 0.50 x 0.125					= 0.03 m ³
1x 1x 1x 0.125					= 0.13 m ³
1x 0.50 x 0.50 x 0.150					= 0.04 m ³
1x 2.50 x 1.0 x 0.150					= 0.38 m ³
2.200 - 2.300 Km					
3x 0.50 x 0.50 x 0.100					= 0.08 m ³
1x 1.0 x 2.0 x 0.125					= 0.25 m ³

1x 1.50 x 1.50 x 0.155					= 0.35 m ³
2x 0.50 x 0.50 x 0.125					= 0.06 m ³
1x 1.50 x 1.50 x 0.150					= 0.34 m ³
2x 0.50 x 0.50 x 0.150					= 0.08 m ³
1x 1.50 x 1.50 x 0.175					= 0.39 m ³
2x 0.50 x 0.50 x 0.100					= 0.05 m ³
1x 1.50 x 2.00 x 0.125					= 0.38 m ³
1x 0.50 x 0.50 x 0.100					= 0.03 m ³
1x 11.50 x 1.50 x 0.150					= 2.59 m ³
1x 0.50 x 3.00 x 0.150					= 0.23 m ³
1x 4.50 x 2.00 x 0.200					= 1.80 m ³
1x 10 x 1.0 x 0.125					= 1.25 m ³
1x 0.50 x 0.50 x 0.100					= 0.25 m ³
1x 1.50 x 1.50 x 0.150					= 0.34 m ³

Continuation

122.78 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f —		122.78 m ³
<u>2.300 — 2.400 Km</u>					
1x	3.0	0.75	0.125		= 0.28 m ³
1x	15x	1.0	0.150		= 2.25 m ³
1x	2x	1.50	0.150		= 0.45 m ³
1x	0.50	0.50	0.100		= 0.25 m ³
1x	1.50	1.50	0.125		= 0.28 m ³
1x	15.0	1.50	0.150		= 3.43 m ³
1x	2x	1x	0.155		= 0.31 m ³
1x	12x	2x	0.200		= 4.80 m ³
1x	4x	1x	0.150		= 0.60 m ³
1x	12x	2.0	0.200		= 4.80 m ³
1x	6x	1.50	0.200		= 1.80 m ³
1x	3x	1.50	0.250		= 1.13 m ³
1x	18x	$\frac{(2.75 + 2.25) \times 0.250}{2}$			= 11.25 m ³
<u>2.400 — 2.500 Km</u>					
1x	8x	3.50	0.250		= 7.00 m ³
1x	20x	2.50	0.250		= 12.50 m ³
1x	4.50	3.0	0.250		= 3.38 m ³
1x	0.50	0.50	0.150		= 0.09 m ³
1x	6x	1.0	0.200		= 1.20 m ³
1x	5x	1.50	0.150		= 1.13 m ³
1x	5x	1.0	0.150		= 0.75 m ³
<u>2.500 — 2.600 Km</u>					
1x	16x	$\frac{(1.65 + 1.35) \times 0.150}{2}$			= 3.60 m ³
1x	2x	1.50	0.150		= 0.45 m ³

Continuation

184.45 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f		$187.75 m^3$
					$5 \times 1.0 \times 1.0 \times 0.100 = 0.50 m^3$
					$1 \times 6.50 \times (3.2 + 2.20) \times 0.150$
					$= 2.92 m^3$
					$2.600 - 2.900 Km$
					$1 \times 1.0 \times 1.0 \times 0.150 = 0.15 m^3$
					$1 \times 2.0 \times 1.0 \times 0.165 = 0.33 m^3$
					$1 \times 4.90 \times 2.0 \times 0.200 = 1.96 m^3$
					$1 \times 7.0 \times 1.0 \times 0.150 = 1.05 m^3$
					$1 \times 3.0 \times 1.50 \times 0.150 = 0.68 m^3$
					$1 \times 1.0 \times 1.0 \times 0.50 = 0.50 m^3$
					$4 \times 1.0 \times 1.0 \times 0.100 = 0.40 m^3$
					$1 \times 2 \times 2 \times 0.200 = 0.80 m^3$

					$1 \times 4 \times 1.50 \times 0.150 = 0.90 m^3$
					$1 \times 5 \times 1.50 \times 0.150 = 1.13 m^3$
					$1 \times 10 \times 1.0 \times 0.125 = 1.25 m^3$
					$2.900 - 3.200 Km$
					$1 \times 7.50 \times 2.0 \times 0.200 = 3.00 m^3$
					$1 \times 7.50 \times 0.50 \times 0.100 = 0.38 m^3$
					$1 \times 2.50 \times 1.0 \times 0.125 = 0.31 m^3$
					$1 \times 2 \times 2 \times 0.150 = 0.60 m^3$
					$4 \times 1 \times 1 \times 0.100 = 0.40 m^3$
					$1 \times 6 \times 1.50 \times 0.200 = 1.80 m^3$
					$1 \times 2.0 \times 1.0 \times 0.150 = 0.30 m^3$
					$2 \times 1.50 \times 1.0 \times 0.100 = 0.30 m^3$
					$203.45 m^3$

18/05/2021
JE

Continuation

18/05/21

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
✓					
① Paving and filling					
bricks bats in ditches					
do do 11					
Qty wide TMR P- ②					
203.45 m ³ @ Rs. 1806.81					
= Rs. 3,67,596.00					
Add 12% GST					
④ Rs. 44,100.00					
Add 1% LC					
④ Rs. 3700.00					
Seigniorage fee					
④ Rs. 7900.00					
Rs. 4,23,296.00					
<u>Suma</u>					
30/12/2021					
JE					
<u>Suma</u>					
30/12/21					
A.E.					

Continuation