

FDR 2245

Kadwa to Henigom Tola via Chivgarfi Biando base

Schedule XLV-Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

1617

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.	
CH- 2243					
Name of work:- Restoration work of Kadwa to hangam Tal via Shingam Birdbank Tal					
Agency:- Departmental					
Supplier:-					
Authority					
Date of start-					
Date of completion					
Date of entry					
Description of work					
① Providing brick bats filling long spreading do all complete job					
PART A					
$1 \times 18.20 \times \frac{3.40 + 3.50 + 3.40 + 5.95}{2}$					
$\times (1.20 + 1.10 + 1.35 + 1.45 + 1.20 + 1.28)$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		$= 18.20 \times \left(\frac{3.43 + 5.95}{2} \right) \times 1.258m$			$= 157.38m^3$
		$9.0m \times \left(\frac{4.43 + 7.0}{2} \right) \times$			
		$(6.95 + 1.22 + 1.80 + 1.92 + 1.85$			
		$+ 0.95) / 6$			$= 65.92m^3$
		$32.50m \times$			
		$(4.16 + 9.69) / 2 \times$			
		$2.50 + 2.10 + 4.50 + 2.0$			
		$+ 3.10 + 2.40) / 6$			
					$= 622.67m^3$
		$17.50m \times (4.50 + 14.07) / 2$			
		$\times (4.68 + 4.75 + 4.95 + 4.53$			
		$+ 3.78 + 4.95 + 5.25 + 3.86) / 8$			
					$= 761.26m^3$
		$25.50 \times (4.04 + 8.16) / 2$			
		$\times (2.10 + 2.50 + 1.85 + 1.95 + 1.90) / 5$			
					$= 320.43m^3$
		$19.40m \times \frac{4.35 + 6.75}{2} \times$			
		$(1.20 + 1.40 + 1.0) / 3$			$= 129.20m^3$
					$2006.86m^3$
		less for H.P			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					2006.86m ²
$2 \times \frac{(3.144) \times (1.23)}{4} \times 10.0m$					
	4				= (-) 23.78m ³
					1983.08m ³

② labour for filling cement
Bag and lapping
materials

$$22.20m \times \frac{(0.50 + 2.0)}{2} \times 1.0m$$

$$= 27.75m^3$$

Nos of bags

$$27.75 / 0.34 = 816.47$$

③ for lapping H. Pipe

$$2 \times 4 \times 2.50 = 20.0m$$

del
10/4/21
OE

del
10/4/21
R

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					= 391
					3195.62 m ³
19.30 m					
		$(4.37 \text{ m} + 8.61) / 2$			
		$\alpha 2.40 + 3.10 + 1.80 + 1.90$			
		$+ 1.40) / 3$			= 265.54 m ³
					3461.16 m ³

② for brick bats
including spreading
lapping & compaction

50.0 m		$\alpha 3.50 + 4.20 + 3.60$			
		$\alpha (0.30 + 0.45) / 2$			= 70.63 m ³
19.30 m					
		$\alpha (3.40 + 4.0 + 3.70) / 3$			
		$\alpha 0.35 + 0.45) / 2$			= 28.56 m ³
					99.19 m ³

Ad
18/4/24
GE

Ad
10/4/24
JZ

Ad
10/4/24
JZ

Continuation