FDR 2245

Chaurki To Kachora

Shedule XLV Form No. 134.

Barsi _____ **DIVISION**

Kadwa _____ **SUB-DIVISION**

Measurement Book

1618

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 - 2345 M DR					
Name of work - Restoration work of Chauki to Kachoria (PART-I)					
Agency - Departmental					
Supplies -					
Authority -					
Date of start -					
Date of completion -					
Date of entry -					
Description of work -					
(1) providing brick bale filling, Laying, Spreading, Including - C/I					
$1 \times 14.50 \times \frac{(3.56+4.80)}{2} \times \frac{0.60+0.65+0.80+0.70+0.48}{5}$				=	$39.11\ m^3$
$1 \times 12.20 \times \left(\frac{3.60+5.13}{2}\right) \times \left(\frac{0.60+0.70+0.80+0.75+0.40+0.65+0.50}{7}\right)$				=	$40.61\ m^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
$1 \times 7.50 \times \left(\frac{9.15+8.13}{2}\right) \times \left(\frac{0.95+0.90+1.20+0.90}{4}\right)$					$= 30.66\,m^3$
					PART(A) $= 110.38\,m^3$
$1 \times 4.50 \times \left(\frac{5.20+6.98}{2}\right) \times \left(\frac{0.56+1.10+1.20+0.60+1.40+0.85+0.90+0.75+0.85+0.80}{10}\right)$					$= 24.44\,m^3$
$1 \times 2.0 \times \left(\frac{5.0+5.90}{2}\right) \times \left(\frac{0.60+0.20}{2}\right)$					$= 7.36\,m^3$
$1 \times 3.80 \times \left(\frac{4.30+5.12}{2}\right) \times \left(\frac{0.50+0.40+0.35+0.45+0.30}{5}\right)$					$= 7.31\,m^3$
$1 \times 34.0 \times \frac{4.93+8.68}{2} \times \left(\frac{1.0+1.90+2.5+2.20+2.75+0.80}{6}\right)$					$= 433.82\,m^3$
$1 \times 30.0 \times \left(\frac{5.04+6.98}{2}\right) \times \left(\frac{0.60+1.20+1.40+1.30+0.60+0.50}{6}\right)$					$= 167.16\,m^3$
$1 \times 12.0 \times \left(\frac{4.98+7.80}{2}\right) \times \left(\frac{1.20+1.40+1.80+1.20}{4}\right)$					$= 107.35\,m^3$

Continuation

Sch. XLV-Form. No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1 × 14.80 × $\left(\frac{4.92+6.22}{2}\right)$ × $\left(\frac{0.60+0.65+1.10+0.70+0.55}{5}\right)$				=	58.22 m³
		(PART B)		=	805.66 m³
1 × 13.0 × $\left(\frac{4.52+6.0}{2}\right)$ × $\left(\frac{0.70+0.80+0.85+0.65+0.70}{5}\right)$				=	50.60 m³
1 × 10.0 × $\left(\frac{4.88+8.68}{2}\right)$ × $\left(\frac{1.10+2.60+2.80+2.50+1.40+1.50}{6}\right)$				=	128.82 m³
1 × 24.0 × $\left(\frac{2.43+4.61}{2}\right)$ × $\left(\frac{1.70+2.0+2.84+2.20}{4}\right)$				=	183.74 m³
1 × 24.0 × $\left(\frac{1.91+3.69}{2}\right)$ × $\left(\frac{1.60+2.10+2.60+1.60+1.0}{5}\right)$				=	119.62 m³
1 × 14.0 × $\left(\frac{3.47+7.02}{2}\right)$ × $\left(\frac{1.0+1.90+2.20+1.0}{4}\right)$				=	117.32 m³
		PART (C)		=	600.10 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1×38.40×(4.35+7.27)/2 × (0.40+0.50+1.60+2.00+2.10+1.12+1.40+1.80+1.70+2.30)/10				=	339.79 m³
1×14.0×(5.63+8.11)/2 × (0.60+6.90+2.10+1.85+0.75)/5				=	119.26 m³
1×12.0×(5.03+5.88)/2 × (0.45+0.68+0.55+0.40+0.35+0.20)/6				=	27.82 m³
1×11.0×(3.27+6.67)/2 × (1.10+1.20+1.30+1.60+1.70+1.50)/6				=	71.92 m³
			PART (D)	=	558.79 m³
1×10.0×(3.10+6.53)/2 × (1.40+2.10+1.90+1.45)/4				=	82.46 m³
1×40.0×(3.04+7.65)/2 × (1.10+1.6+1.95+1.80+2.0+2.4+2.8+3.2+2.3+2.6+1.70+1.20)/12				=	492.63 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Co of area
1 × 5.0 × $\left(\frac{3.20+4.90}{2}\right) \times \left(\frac{0.90+0.80}{2}\right)$				=	17.21 m³
1 × 10.0 × $\left(\frac{0.67+1.02}{2}\right) \times \left(\frac{0.40+0.30+0.35}{3}\right)$				=	2.96 m³
1 × 3.0 × $\frac{0.60+1.40}{2}$ × 0.8				=	2.40 m³
					1
	PART (E)			=	597.66 m³
1 × 33.8 × $\left(\frac{4.38+5.21}{2}\right)$ × $\left(\frac{0.40+0.50+0.30+0.35+0.45}{5}\right)$				=	67.53 m³
1 × 22.0 × $\left(\frac{4.13+4.75}{2}\right)$ × $\left(\frac{0.32+0.34+0.35+0.25+0.30}{5}\right)$				=	30.65 m³
1 × 9.70 × $\left(\frac{2.05+2.23}{2}\right) \times \frac{0.15+0.20}{2}$				=	3.63 m³
					1
	PART (F)			=	101.81 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Content of area
1 × 26.0 × ((4.08 + 5.09) / 2) × ((0.35 + 0.50 + 0.60 + 0.45 + 0.75 + 0.40) / 6)				=	60.46 m³
1 × 10.0 × (4.40 + 14.93) / 2 × ((0.40 + 0.30 + 0.25 + 0.20) / 4)				=	12.44 m³
1 × 10.0 × (4.40 + 4.93) / 2 × ((0.70 + 1.0 + 0.30 + 0.35 + 0.70) / 5)				=	69.22 m³
1 × 9.30 × (6.15 + 7.68) / 2 × ((0.70 + 0.80 + 0.35) / 3)				=	49.04 m³
		PART (G) =			130.70 m³
Total = (A + B + C + D + E + F + G + H)				=	2905.10 m³
less 4 pipe					
(3.14 / 4) × (1.23)² × 15				−	17.810 m³
					2887.29 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(2) Labour for driving 62mm to 75mm dia bamboo piles including cutting in proper size etc					
Part B.					
17.70 × 4 / 0.3				=	237 m
Part C.					
72 × 4 / 0.3				=	72 m / 961 m
PART D.					
67 × 4 / 0.3				=	894 m
(3) S/F/F of bamboo 62mm to 75 dia runners at every vertical pile with nails 20 swg.					
part B					
4 × 35.40				=	141.6 m
Part C 4 × 144.0				=	576.0 m
Part D.					
4 × 134.0				=	536.0 m
(4) S/F/F in position split bamboo woven chanchery with 20 swg.					
Part C 1.5 × 72.0				=	108 m

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Providing and laying RCC Cement Concrete Pipe NP2					
6 × 2·50				=	15.00 M.
10/4/24		10/4/24			