

R.G.D. REC'D. NOV. 22, 1941
P.M.C.T.

Schedule XLV Form No. 134. M.M.C.S.Y.(GEN)

BAGANNA - 2.

DIVISION

THAKRANA. — SUB-DIVISION

Measurement Book

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.	
1st Measurement on A/c Bille					
Name of work - Construction					
→ Road From P.W.D.					
Road To Harappa Temple					
Agency - Awdh Singh Singh					
Agreement No - 2353D/20-21					
Date of start - 1-6-20					
Date of completion - 31-3-21					
Date of measurement					
1) Construction →					
B.M. Slip = 3.50 K.m.					
2) Construction →					
P. P. Slip = 3.50 K.m.					
3) Clearing & Grubbing					
$2 \times (83 \times 3 + 10) \times 1.50 = 750 \text{ m}^2$					
4) Five acres 5.54 - 5.50					
B.M. Slip					
5) Construction →					
Ground Surveyed →					
Surveyed Area →					
S. No. Area (Acre)	Mean	Dist.	Volum.		
1. 0.0010.501	m ²	m ²	m ³	m ³	m ³
0			-	-	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
50	2542	1.837		50	31.825
100	2805	2.739		50	136.325
150	2876	2.841		50	142.025
200	2.880	2.878		50	143.500
250	2.798	2.839		50	141.950
300	3.226	3.612		50	150.600
350	1.169	2.198		50	109.875
400	2.564	1.857		50	93.325
450	2.579	2.572		50	128.875
500	0.208	1.351		50	69.675
550	0.463	0.336		50	15.775
600	0.330	0.397		50	24.375
650	0.525	0.428		50	18.950
700	0.233	0.379		50	18.250
750	0.163	0.198		50	9.900
800	0.233	0.198		50	9.900
850	0.349	0.291		50	14.550
900	0.376	0.363		50	18.125
950	0.258	0.311		50	15.850
1000	0.238	0.248		50	12.400
1050	1.690	0.564		50	48.200
1100	1.599	1.645		50	82.225
1150	2.434	2.047		50	102.325
1200	2.569	2.532		50	126.375
1250	2.571	2.530		50	131.000
1300	2.755	2.715		50	135.750
1350	2.713	2.735		50	136.800
1400	3.052	2.883		50	164.125

Continuation

5

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1450	2.712	7.882		50	144.100
1500	2.787	7.750		50	139.410
1550	3.280	3.030		50	151.525
1600	2.745	3.018		50	150.875
1650	2.763	2.754		50	135.900
1700	2.812	2.288		50	139.375
1750	3.551	3.072		50	153.575
1800	2.207	3.010		50	150.850
1850	2.56	2.034		50	131.575
1900	2.812	2.586		50	134.300
1950	2.714	2.263		50	138.150
2000	2.64	2.559		50	132.550
2050	1.815	2.216		50	116.475
2100	2.006	1.911		50	98.525
2150	3.127	2.561		50	128.325
2200	1.091	2.16		50	105.450
2250	0.837	1.914		50	80.700
2300	1.429	1.183		50	59.150
2350	1.153	1.231		50	64.550
2400	1.071	1.112		50	55.000
2450	1.298	1.185		50	59.225
2500	0.455	0.823		50	43.525
<u>Total =</u>					4749.30
<u>P.S.</u>					
<u>Surveyed by</u>					
<u>Drawn by</u>					
<u>Check by</u>					
<u>Date</u>					
<u>9 x 55 x 30 x 1.43 x 0.240 = 1163.10000³</u>					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2- Compound - 30					
Subtotal - 30					
3- Compound - 30					
Subtotal - 30					
4- Brick - 3.53 . 400					
Subtotal - 30					
$6 \times 30 \times 6 \times 525 \times 0.100 = 777.600^3$					
$1 \times 28 \times 6 \times 525 \times 0.100 = 11.745^3$					
$2 \times 54 \times 30 \times 6 \times 525 \times 0.100 = 201.750^3$					
$2 \times 2.5 \times 6 \times 525 \times 0.100 = 3.045^3$					
$2 \times 2.5 \times 6 \times 375 \times 0.100 = 13.500^3$					
$2 \times 2.5 \times 6 \times 375 \times 0.100 = 2.300^3$					
$2 \times 11 \times 30 \times 6 \times 375 \times 0.100 = 24.750^3$					
$2 \times 2.5 \times 6 \times 375 \times 0.100 = 1.500^3$					
(30x5 + 21.82) X 3.00 X 0.100 = 51.58					
$1 \times 10 \times 6.05 \times 0.100 = 4.05^3$					
Total = 1083.78					
5- 2m x 2m brick compound.					
1- Exts in corners					
in corners - 30					
$2.40 \times 6.50 \times 0.50 \times 2.50 = 15.750^3$					
$1.14 \times 2.50 \times 5.00 \times 1.50 = 20.600^3$					
$1.48.00 \times 1.30 \times 0.50 = 10.241^3$					
$1.48.00 \times 2.00 \times 0.50 = 12.481^3$					
Total = 549.78					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5
					$5 \times 6 + 5 \times 5.7 = 27.485 \text{ m}^2$
2 - <u>Pvt. Land Surveying</u>					
					$2.50 \times 5.40 \times 0.125 = 1.59 \text{ m}^3$
					$2 \times 6.5 \times 0.50 \times 0.102 = 0.65 \text{ m}^3$
					2.52 2.52 m^3
					$5.40 \times 2.52 = 12.56 \text{ m}^3$
3 - <u>Pvt. - e. 9.5 in forward</u>					
					$1 \times 2.50 \times 5.40 \times 0.15 = 1.875 \text{ m}^3$
					$2 \times 6.50 \times 0.50 \times 0.30 = 1.95 \text{ m}^3$
					3.82 3.82 m^3
					$5.40 \times 3.82 = 19.105 \text{ m}^3$
4 - <u>Pvt. 8.5 - Rear measurement</u>					
					<u>in R.S.E. boundary.</u>
					<u>10m. m. & m. 5. Pmt.</u>
					$40 \times 2.5 = 100 \text{ m}$
					$2 \times 40 \times 2.5 = 200 \text{ m}$
					$12 \text{ m. m. } \Delta$
					$2 \times 40 \times 2.5 = 200 \text{ m. }$
					$100 \text{ m. } \Delta$
					$2 \times 30 \times 2.5 = 150$
					$9 \times 40 \times 2.5 = 300$
					$8 \times 11 \times 5.0 = 528$
					$2 \times 40 \times 11.40 = 112$
					$8 \text{ m. m. } \Delta$
					$2 \times 40 \times 11.40 = 112 \text{ m. }$
					$6 \times 11 \times 1.40 = 18.40$
					$100 \text{ m. } \Delta$
					$2 \times 2 \times 12 \times 1.0 = 48 \text{ m. }$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	$2 \times 2 \times 6 \times 2.50 = 60\text{ m}^3$				
	$1 \times 2 \times 4 \times 3.55 = 28\text{ m}^3$				
	$2 \times 2 \times 12 \times 1.36 = 55\text{ m}^3$				
	12.21.00. T. Part				
	336 B.				
	$50.60 \text{ KG/m}^3 - 118.40 \text{ kg}$				
	1000 m ³				
	29.58.2 m.				
	$\Sigma 0.51785 \text{ m}^3 - 1402.51 \text{ m}^3$				
	1200 m ³ - 1000 m ³				
	$20.83281 \text{ m}^3 - 89.85 \text{ m}^3$				
	$1000 \text{ m}^3 - 1610.01 \text{ m}^3$				
	$5 \times 6 \times 16 \times 0.01 = 8000.00 \text{ kg}$				
	is - 8.45 m ³ T.				
	5 - 8.45 m ³ in Standard				
	$2 \times 6.50 \times 40.30 \times 0.08 = 3.12 \text{ m}^3$				
	$4 \times 2.50 \times 0.30 \times 2.04 = 4.89 \text{ m}^3$				
	$1 \times 2.50 \times 5.6 \times 0.25 = 3.75 \text{ m}^3$				
	$2 \times 2.0 \times 6.0 \times 0.25 = 5.4 \text{ m}^3$				
	$1 \times 2.50 \times 16.0 \times 0.25 = 3.75 \text{ m}^3$				
	$2 \times 2.50 \times 0.25 \times 0.50 = 0.625 \text{ m}^3$				
	$4 \times 1.50 \times 0.15 \times 0.50 = 0.27 \text{ m}^3$				
	$4 \times 0.25 \times 0.30 \times 0.50 = 0.18 \text{ m}^3$				
	$1000 \text{ m}^3 - 32.91 \text{ m}^3$				
	$5 \times 6 \times 22.91 \text{ m}^3 = 113.55 \text{ m}^3$				
	5 - 8.45 m³ in Standard				

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
<u>ABSTRACT OF COST OF 1ST MEASUREMENT ON THE BILL.</u>						
<u>Name & Work. construction</u>						
<u>of Road From P.W.D.</u>						
<u>Road To Harsh Tola.</u>						
<u>Agency - Bhawali Hukum Singh.</u>						
<u>Agreement No 23532 20-31</u>						
<u>Date of Start - 1-8-20</u>						
<u>Date of Completion - 31-3-21</u>						
<u>Date of Measurement - 10-12-20</u>						
<u>W. Construction of</u>						
<u>T.B.M.</u>						
<u>ridge-P. 1 Sh. 2.50 K.m.</u>						
<u>Rs 13114.85 - Rs 3378/-</u>						
<u>2- construction of</u>						
<u>R. Pillar.</u>						
<u>ridge-P. 1 Sh. 2.50 K.m.</u>						
<u>Rs 15345.18 - Rs 3835/-</u>						
<u>3- Cleaning & Grounding</u>						
<u>ridge-P. 1 Sh. 0.75 K.m.</u>						
<u>Rs 65495.70 - Rs 3723/-</u>						
<u>Grounding of</u>						
<u>Sediment - 100</u>						
<u>ridge-P. 3 Sh. 1152.00 m.</u>						
<u>Rs 175.11 - Rs 205.07/-</u>						
<u>5- Construction of</u>						
<u>Expenditure 38</u>						
<u>Continuation 313,544/-</u>						

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1- Sur. 1080 m.					R 5313544=0
2- Sur. 174.831					R 178327
3- Cross-section &					
4- Frontalment -					
5- Sur. 2380 m.					
6- Sur. 58.551					R 135446=
7- Cross-section &					
8- Sur. 1682.78 m.					
9- Sur. 4380.451					R 47.52852=
10- Sur. 516.5 m. Excess					
11- Sur. 516.5 m. Deficit					
12- Sur. 516.5 m. Tilling					
13- Sur. 12.50 m.³					
14- Sur. 351.341					R 5006=
15- Sur. 15.10 m.³					
16- Sur. 15.10 m.³					
17- Sur. 8.00 m.³					
18- Sur. 54097.051					R 435240=
19- Sur. 113.55 m.³					
20- Sur. 45.515=0					

Continuation

50,45,515=0

Sch. XLV-Form No. 134