

Schedule XLV-Form No. 134

R.W.D - MADHUBANI DIVISION

R.W.D - KHATAULI SUB-DIVISION

2204

Measurement Book

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.	
<u>CH - M.R/3054 (FDR)</u>					
<u>Name of work</u> → Temporary Restoration					
work from Dholbagga middle					
School to Karmad Panchayat tal					
near Dholbagga river.					
<u>Agency</u> → Departmental.					
<u>Authority</u> → E.E. R.W.D - Madhyabani					
<u>Date of Entry</u> → 27.03.2021					

Item No (1) Excavation for
Road work in soil with
1000mm head kutchha road
1000mm head parake by
tractor - - - - - cell.
Comp. job as per E.L

Ch-350 to	1x	8.50	$\times \frac{1.9 + 7.15}{2}$	
0.450 km			$\times 4.20 (A_2) = 141.54 m^3$	
	1x	30	$\times \frac{1.3 + 6.30}{2}$	
			$\times \frac{4.20 + 3.80}{2} = 45.20 m^3$	
	1x	7.20	$\times \frac{1.55 + 6.50}{2}$	
			$\times \frac{4.50 + 4.20}{2} = 133.56 m^3$	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	23.50	$\frac{1.40+6.08}{2}$		
			$\times \frac{4.50+3.20}{2}$		382.32 ^m
	1	14	$\frac{4.5+9.12}{2}$		
			$\times \frac{3.85+3.65}{2}$		352.76 ^m
	1	11.50	$\frac{4+8.50}{2}$		
			$\times \frac{3.50+3.74}{2}$		258.75 ^m
					Total Sq = 1744.95 ^m

Item No. (2) boundary filling
brick bats in ditch
including cost of brick

bat = labour - - - - - cell.

Comp. sub as per E.I.

Ch. 0.35 to 1.80 m	1	10.50	$\frac{1.8+2.20}{2}$		
			$\times \frac{0.60+0.90}{2}$		15.75 ^m
	1	10.50	$\frac{5+5.50}{2}$		
			$\times \frac{0.60+2.50}{2}$		85.44 ^m
	1	25.50	$\frac{1+1.30}{2}$		
			$\times 0.60$		17.55 ^m
	1	25.50	$\frac{5.70+5.80}{2}$		
			$\times \frac{0.60+2.20}{2}$		205.27 ^m
	1	9	$\frac{1.60+2.20}{2}$		
			$\times \frac{0.60+0.90}{2}$		12.49 ^m
	1	9	$\frac{6.50+7.50}{2}$		
			$\times \frac{0.60+1.20}{2}$		50.40 ^m

Continuation

Particulars	Details of actual measurement				Contents of area
	Nc.	L.	B.	D.	
1 x 25.10 x $\left(\frac{3.80 + 9.00}{2}\right)$					
					$\times \left(\frac{0.60 + 2.20}{2}\right) = 224.90 \text{ m}^2$
1 x 28.10 x $\left(\frac{5.50 + 6.10}{2}\right)$					
					$\times \left(\frac{0.60 + 2.20}{2}\right) = 228.17$
1 x 13 x $\left(\frac{4.70 + 4.00}{2}\right)$ x					
					$\left(\frac{0.45 + 0.90}{2}\right) = 33.93$
1 x 10.10 x $\left(\frac{1.50 + 2.50}{2}\right)$					
					$\times \left(\frac{0.45 + 1.20}{2}\right) = 16.11 \text{ m}^2$
1 x 10.10 x 6.30 x 0.15 = 9.54"					
					<u>Total = 900.14 m²</u>

Item No. (3) Labour for cutting

62 to 75 mm dia bamboo piles

by jet machine - - - all.

Comp. job by per ETL

Avg. piling of bamboo = 2.5m.

1 x 674 Nos x 2.50m = 1685m

Total = 1685m

Item No. (4) Providing/laying

labour for filling sand in

bed base stitching & pitching

- - - all. Continuation Comp. by per ETL.

4
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
$3 \times 30 \times 1.20 \times \left(\frac{1.5 + 1.30}{2} \right)$					$= 151.20 \text{ m}^2$
$1 \times 10.45 \times 1.20 \times \left(\frac{3 + 1.5}{2} \right)$					$= 18.314$
$3 \times 30 \times 1.30 \times \left(\frac{1.10 + 1.30}{2} \right)$					$= 140.40$
$1 \times 12 \times 1.30 \times \left(\frac{1.10 + 1.30}{2} \right)$					$= 18.72$
					<u>Total = 328.63 m²</u>
Less 10% voids in bed					$= 32.864$
					<u>Total = 295.77 m²</u>
No. of bed bags					$= \frac{295.77}{0.67} = 4225 \text{ Nos}$
					<u>Total Bag = 4225 Nos</u>

Item No. (5) Laiders for fitting

• Fixing bamboo 62 to 75 mm

φ Runner bamboo all

--- comp. job of E.I.

Runner → $2 \times 4 \times 100.96 \text{ m} = 807 \text{ m}$

Total = 807 m

Item No. (6) Supplying 62 to

75 mm φ bamboo 6 to 8

m long --- all 6m

Jobs on per E.I.

Vertical bamboo → $674 \text{ Nos} \times 4 \text{ m} = 2696 \text{ m}$

Continuation

Total = 2696 m

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.f →					30,56,955 = 00
Add 12% b.s.T					= 3,46,835 = 00
Add 1% L. cond					= 30,570 = 00
Add 3.46% S. Fee					= 1,05,952 = 00
TOTAL					= 35,60,314 = 00

27/3/21

27/3/21

J-E (Khyasat)

27/3/21

AL