

Road Name :- PIND ROAD LODIPUR TO PRIMARY SCHOOL
TO M.H. SETHU PILLAR
Schedule XLV-Form No. 134 M.H. 8.

DIVISION

SUB-DIVISION

M.B. No. 3141

MEASUREMENT BOOK

Call for work - Ransingh Corridor

1st on 1/c Bill

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.	
Name of work :- PWD Road					
Lodipur to Primary					
School M-h. Seta Pilla					
No. 8 via S.C.					
Agency :- Ram Rite Const Pvt. Ltd.					
Agreement :- 06/11/23-24					
Date of start :- 16/3/24					
Date of completion :- 15/12/24					
Record Entry					

1. Clearing & grubbing -					
2x30x30x1.00	=	1800.00			
2x10x30x1.00	=	600.00			
2x20x30x1.00	=	1200.00			
2x40x30x1.00	=	2400.00			
2x15x30x1.00	=	900.00			
		6900.00			
		6900.00			
		10000			
		0.69 Hec.			
22/03/24 7E 22/03/24 7E					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
1. Dry Lean Cement Concrete —					
0.0 to 1500 m —					
	3 no	3.50	2.20	0.100	$= 2.31 m^3$
	1 no	2.85	2.55	0.72	$= 0.72 m^3$
	10 no	3.45	2.90	0.100	$= 1.00 m^3$
	1 no	3.80	2.95	0.100	$= 1.20 m^3$
	5 no	2.75	2.40	0.100	$= 3.30 m^3$
	2 no	3.00	2.80	0.100	$= 1.68 m^3$
	1 no	2.70	2.25	0.100	$= 0.60 m^3$
	1 no	2.35	2.20	0.100	$= 0.51 m^3$
					$11.24 m^3$

1500 m to 2500 m —					
	7 no	2.95	2.70	0.100	$= 5.52 m^3$
	4	2.55	3.15	0.100	$= 3.21 m^3$
	3	3.80	2.65	0.100	$= 3.02 m^3$
	6	6.00	1.80	0.100	$= 5.40 m^3$
	4	3.40	3.20	0.100	$= 4.35 m^3$
	1	2.30	2.65	0.100	$= 0.60 m^3$
	1	3.50	2.95	0.100	$= 1.03 m^3$
	1	3.70	2.95	0.100	$= 1.10 m^3$
	5	3.10	2.80	0.100	$= 4.34 m^3$
	1	3.25	2.55	0.100	$= 0.82 m^3$
	1	2.45	2.80	0.100	$= 0.56 m^3$
	1	3.55	2.80	0.100	$= 1.01 m^3$
					$29.91 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2500 to 3450m —					
9m x 2.85 x 2.70 x 0.100 =					6.92m ³
7 x 2.15 x 2.65 x 0.100 =					5.89m ³
4 x 3.35 x 2.45 x 0.100 =					3.28m ³
6 x 3.55 x 2.85 x 0.100 =					6.07m ³
7 x 2.30 x 2.80 x 0.100 =					4.50m ³
5 x 2.90 x 2.70 x 0.100 =					3.91m ³
1 x 3.00 x 2.40 x 0.100 =					0.72m ³
1 x 2.85 x 2.65 x 0.100 =					0.75m ³
1 x 2.60 x 2.55 x 0.100 =					0.66m ³
1 x 2.80 x 2.75 x 0.100 =					0.77m ³
1 x 2.70 x 2.85 x 0.100 =					0.76m ³
4 x 3.10 x 2.80 x 0.100 =					3.47m ³
2 x 2.75 x 2.60 x 0.100 =					1.43m ³
					89.08m ³
					Total Qty = 80.23m ³
2. Paving &					
Pinning Logos —					
Rebound —					
1 x 2 = 2 nos					
4 kg each	02/03/24	7.E	to 24/02/24	A.E.	

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
1. Panel Concrete Pav M ₃₀					
	15	$\frac{4.05 + 4.30}{2}$		$\times 0.125$	$= 8.25 \text{ m}^3$
	15	$\frac{4.30 + 3.90 + 3.75}{3}$		$\times 0.125$	$= 7.46 \text{ m}^3$
	4 no	$\times 30 \times 3.75$		$\times 0.125$	$= 56.25 \text{ m}^3$
<u>curr</u>	30	$\times \frac{3.75 + 3.90 + 4.00}{3}$		$\times 0.125$	$= 14.56 \text{ m}^3$
	30	$\times \frac{4.00 + 3.75}{2}$		$\times 0.125$	$= 17.53 \text{ m}^3$
	7 no	$\times 30 \times 3.75$		$\times 0.125$	$= 78.43 \text{ m}^3$
	30	$\times \frac{3.80 + 4.75 + 3.90}{3}$		$\times 0.125$	$= 15.56 \text{ m}^3$

	30	$\times 3.75 \times 3.80$		$\times 0.125$	$= 14.15 \text{ m}^3$
	15	$\times \frac{3.90 + 3.60 + 3.75}{3}$		$\times 0.125$	$= 7.03 \text{ m}^3$
<u>71.5 m</u>	9 no	$\times 30 \times 3.75$		$\times 0.125$	$= 126.56 \text{ m}^3$
<u>curr</u>	30	$\times \frac{3.75 + 4.50 + 3.90 + 4.10}{4}$		$\times 0.125$	$= 19.59 \text{ m}^3$
	15	$\times \frac{4.10 + 3.75}{2}$		$\times 0.125$	$= 7.35 \text{ m}^3$
	8 no	$\times 30 \times 3.75$		$\times 0.125$	$= 112.50 \text{ m}^3$
	30	$\times \frac{3.75 + 3.80}{2}$		$\times 0.125$	$= 14.15 \text{ m}^3$
	4 no	$\times 30 \times 3.75$		$\times 0.125$	$= 56.25 \text{ m}^3$
	30	$\times 3.80$		$\times 0.125$	$= 14.25 \text{ m}^3$
	4 no	$\times 30 \times 3.75$		$\times 0.125$	$= 56.25 \text{ m}^3$
Continuation					<u>643.07 m³</u>

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
1. Cement Concrete					
CH. Pav M 30 —					
2900 - 3250 m —					
$30 \times 3.85 \times 4.00 + 3.75$					
$\frac{2}{2}$					$\times 0.210 = 24.25 \text{ m}^3$
$8 \times 30 \times 3.75 \times 0.210$					$= 189.00 \text{ m}^3$
$15 \times \frac{3.75 + 4.20}{2} \times 2.10$					$= 12.82 \text{ m}^3$
$5 \times 30 \times 3.75 \times 0.210$					$= 118.12 \text{ m}^3$
$20 \times \frac{4.10 + 5.90 + 3.75}{2} \times 0.210$					$= 16.95 \text{ m}^3$
$30 \times 3.75 \times 0.210$					$= 23.62 \text{ m}^3$
$30 \times \frac{3.75 + 5.80 + 4.00}{2} \times 0.210$					$= 24.25 \text{ m}^3$
$15 \times 3.75 \times 0.210$					$= 11.81 \text{ m}^3$
$20 \times 3.75 \times 0.210$					$= 8.99 \text{ m}^3$
$20 \times \frac{3.75 + 4.10 + 5}{3} \times 0.210$					$= 8.99 \text{ m}^3$
$10 \times 3.75 \times 0.210$					$= 7.875 \text{ m}^3$
					$= 136.885 \text{ m}^3$
Signature					
01/05/24					
7-E					
Signature					
23/05/24					
A.B					

Continuation

Continuation

Est on A/c Bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
road from					
to Primary					
School M. K. Sathu					
Pillars No-8 via Sec.					
Agency :-					
Ram Rito Const Pvt. Ltd.					
Agreement :-					
06/MBD/23-24					
Date of start :-					
16/3/24					
Date of completion :-					
15/12/24					

Abstract of cost

1. Clearing & Straddling -

T.M.B p.no - 1

Qty - 0.69 Hae

@ 76926.08 - Rs - 53079.00

2. Cost of subgrade & earthwork

T.M.B p.no - 7

Qty - 500.00 m³

@ 262.83 - Rs - 131415.00

3. Dry lean Cement

concrete -

T.M.B p.no - 3

Qty - 80.23 m³

@ 74.69 - Rs - 62642.00

7807.82

Continuation

Rs.

810915.00

BLRS 810915.00

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Panel Concrete Pumping					
T.M.B p.no - 5					
Qty - 1318.36 m ³					
@ 10171.19 - RS -					13409290.00
5. Cement Concrete Pumping					
T.M.B p.no - 6					
Qty - 436.88 m ³					
@ 9404.72 - RS -					4108734.00
6. Pro. & fixing of Board					
T.M.B p.no - 3					

Qty - 5000 m ²					
@ 14229.86 - RS -					28450.00
					RS. 18357399.00
Add for 18% cost (+)					3304331.82
Add for 1% labour (+)					183573.99
S. fee (+)					145000.00
					RS. 21990304.81
Less than 24% below (+)					5277673.15
					RS. 1,67,12,631.65
Say RS					1,67,12,632.00

Appendix
16/05/24
7-E

Continuation

16/05/24
A.D.

C&P
16/5/24

21NOV-69 d61-06-05-24

$P_1 = 1,80,30,40 = 00$

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material statement</u>					
(i) Soil -	500	m	m ³		
(ii) Stone Aggregate -	1577	m	m ³		
(iii) Sand -	789.85	m	m ³		
(iv)					
Agarwal	16/05/24	7-E			
Agarwal	16/05/24	7-E			

Continuation

SAVEN HUNDRED FORTY FIVE
MONEY TOTAL FORAMOUNT → 1,67,12,632
RONG.

~~16/5/2014~~

~~16/5/2014~~

Executive Engineer
R.W.D. Works Division
Hajipur

10/12/2019

2nd on APR 11

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- PWD road					
Lodipue to Primary					
School M-h setu Pillar					
NO-8.17					
Agency :- Ram Rishu Const Pvt. Ltd					
Agreement NO:- 06/MSD/23-24					
D.O. start :- 16/01/24					
D.O. completion:- 15/12/24					
<u>Record & fol</u>					
1. Dry lean cement concrete—					

1	3.45	2.90	0.100	= 1.00 m ³
1	3.00	2.95	0.100	= 0.80 m ³
1	2.80	2.65	0.100	= 0.60 m ³
2	3.00	2.80	0.100	= 1.68 m ³
5	2.75	2.40	0.100	= 3.30 m ³
1	3.55	2.85	0.100	= 1.01 m ³
3	3.80	2.65	0.100	= 3.02 m ³
1	3.75	2.95	0.100	= 1.10 m ³
1	2.45	2.30	0.100	= 0.56 m ³
				<u>19.07</u>
				Limit 17.00
<u>Agency</u> <u>18/05/24</u> <u>JE</u> <u>18/05/24</u> <u>AD</u>				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record entry</u>					
1. Perimeter concrete Pumping					
0.00 m to 15 m					
$15 \times \frac{4.80 + 4.30}{2} \times 0.125$					$= 8.53 \text{ m}^3$
$15 \times \frac{4.50 + 3.95 + 3.75}{3} \times 0.125$					$= 7.62 \text{ m}^3$
$4 \times 30 \times 3.75 \times 0.125$					$= 56.25 \text{ m}^3$
$30 \times \frac{3.75 + 3.50 + 3.20}{3} \times 0.125$					$= 14.81 \text{ m}^3$
$30 \times \frac{4.50 + 3.75}{2} \times 0.125$					$= 15.46 \text{ m}^3$
$7 \times 30 \times 3.80 \times 0.125$					$= 99.75 \text{ m}^3$
$20 \times 3.75 \times 0.125$					$= 14.93 \text{ m}^3$
$30 \times \frac{3.75 + 3.60 + 3.45}{3} \times 0.125$					$= 14.12 \text{ m}^3$
$3 \times 30 \times 3.75 \times 0.125$					$= 42.18 \text{ m}^3$
$4 \times 30 \times 3.85 \times 0.125$					$= 57.75 \text{ m}^3$
$2 \times 30 \times 3.75 \times 0.125$					$= 28.12 \text{ m}^3$
$15 \times 3.75 \times 0.125$					$= 7.03 \text{ m}^3$
$30 \times \frac{3.75 + 3.20 + 2.0 + 1.0}{4} \times 0.125$					$= 19.73 \text{ m}^3$
$15 \times \frac{4.50 + 3.75}{2} \times 0.125$					$= 9.73 \text{ m}^3$
$5 \times 30 \times 3.75 \times 0.125$					$= 70.31 \text{ m}^3$
$4 \times 30 \times 3.95 \times 0.125$					$= 59.75 \text{ m}^3$
$7 \times 30 \times 3.75 \times 0.125$					$= 98.75 \text{ m}^3$
$30 \times \frac{3.75 + 2.75}{2} \times 0.125$					$= 14.43 \text{ m}^3$
$30 \times 3.80 \times 0.125$					$= 14.25 \text{ m}^3$
Continuation					
					602.18 m ³
					650.53 m ³

650.53

30 x 3.75 + 3.90 + 3.95	x 0.125	= 14.49 m ³
30 x $\frac{3.95 + 3.75}{2}$	x 0.125	= 14.93 m ³
8 x 30 x 3.75	x 0.125	= 112.50 m ³
7 x 30 x 3.95	x 0.125	= 103.68 m ³
15 x $\frac{3.95 + 4.30 + 4.40}{3}$	x 0.125	= 8.09 m ³
30 x $\frac{4.70 + 4.10 + 3.75}{3}$	x 0.125	= 15.93 m ³
5 x 30 x 3.95	x 0.125	= 74.06 m ³
1 x 30 x 3.75	x 0.125	= 14.06 m ³
		1367.96 m ³
		1369.09 m ³

Continuation

Continuation

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	Ø.	
<u>Record Entry</u>					
1. Hand working —					
2. $10.70 \times 30 \times 0.250 =$					150.00 m^2
2. $10.75 \times 30 \times 0.250 =$					75.00 m^2
2. $10.3 \times 30 \times 0.250 =$					45.00 m^2
2. $1 \times 10 \times 0.250 =$					5.00 m^2
					<u>275.00 m^2</u>
2. Supp. & prop. N_3					
					300 mm dia
					$4 \times 7.50 = 30.00 \text{ m}$
3. Kilometer stone —					
(i) Km stone — 4 nos					
(ii) 200 m stone — 1 nos					
3. Direction & Place					
Identification					
					$2 \times 1.20 \times 0.80 = 1.90 \text{ m}^2$
4. Retro-reflectorized traffic sign —					
(i) 600 mm equilateral —					19.00 nos
(ii) 600 mm circular —					5.00 nos
(iii) 600 x 450 mm rectangular —					2.00 nos
(iv) 900 mm Octagon —					2.00 nos

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. Brandy Pillars — 50 nos					
6. Road marking with red paint					
$2 \times 3450 \times 0.100 =$					
$2 \times 30 \times 50 \times 0.100 =$					300.00 m^2
$2 \times 30 \times 50 \times 0.100 =$					300.00 m^2
$2 \times 90 \times 50 \times 0.100 =$					90.00 m^2
$2 \times 1 \times 29 \times 0.100 =$					5.80 m^2
					<u>675.80 m^2</u>
7. Pro. & Firing logs					
main Bed					
1.00 nos					
4 x 0.4 m width x 0.6 m height					
8. (i) Brick masonry in C.M (1:3)					
$2 \times 6.00 \times 0.40 \times 0.60 =$					2.88 m^3
$4 \times 2.88 =$					11.52 m^3
(ii) Plastering with cement mortar —					
Sl/ 4.00 x 6.00 x 0.60 =					14.40 m^2
Top 2.00 x 6.00 x 0.40 =					4.80 m^2
Fl/ 4.00 x 0.40 x 0.60 =					0.96 m^2
					<u>20.16 m^2</u>
$4 \times 20.16 \text{ m}^2 =$					80.64 m^2

Continuation

Continuation

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~~30/05/24~~
J.E

30105124
A.G.

2nd on final Bill
2nd on 1st Bill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-					
Lodipur to Primary					
School M-h Seta Pillar					
No. 8 take.					
Agency :-					
Ram Rita Const Pvt Ltd.					
Agreement no:-					
06/MBD/23-24					
D.O. start :-					
16/3/24					
D.O. completion:-					
15/12/24					
Abstract of cost					
1. Clearing & Grubbing					
T.M.B p.no - 8					
Qty -					
0.69 m ³					
@ 76726.08 - Rs -					
53079.00					
2. Conf of subgrade					
& shoulders -					
T.M.B p.no - 8					
Qty -					
500.00 m ³					
@ 262.83 - Rs -					
131415.00					
3. Dry lean cement					
concrete -					
T.M.B p.no - 8, 12					
Qty -					
80.23 m ³					
+ 14.07 m ³					
94.30 m ³					
@ 7807.82 - Rs -					
736277.00					

Continuation Rs, 920771.00

1265 250571.00

134 R9, 920771.00

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>4</u> 4 Parat Concrete Pavm ₃₀					
T.M.B P.No - 9A					
Qty - 1362.96m ³					1369.09m ³
@ 1071.19 - RS -					13913781.00
<u>5</u> 5 Parat Cement Concrete Pavm ₃₀					
T.M.B P.No - 15					
Qty - 437.90m ³					
@ 9404.72 - RS -					4113625.00
<u>6</u> 6 Laying Base					
Soiling -					
T.M.B P.No - 16					

Qty - 275.10m ²					
@ 541.93 - RS -					149031.00
<u>7</u> 7 Reinforced Cement concrete km stone					
T.M.B P.No - 16					
Qty - 400m ³					
@ 3190.06 - RS -					12760.00
<u>8</u> 8 200mm Stone					
T.M.B P.No - 16					
Qty - 17 m ³					
@ 867.84 - RS -					12147.00
<u>9</u> 9 Direction & black identification					
T.M.B P.No - 16					
Qty - 1.90m ²					

Continuation

@ 15365.70 - RS - 29195.00

RS, 19151310.00

19162804.00

134 R9, 10121540.00

BT R3, 19151310.00
1,91,62,604.00

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>10</u> 10. 600mm Equilateral —					
T.M.B p.no - 16					
Qty - 10 nos					
@ 4646.19 - Rs -					65047.00
<u>11</u> 11. 600mm Circular —					
T.M.B p.no - 16					
Qty - 5 nos					
@ 4515.73 - Rs -					22578.50 2258.00
<u>12</u> 12. 600 X 400mm Rectangular —					
T.M.B p.no - 16					
Qty - 2 nos					
@ 4369.75 - Rs -					8739.50 8739.00
<u>13</u> 13. 600mm Octagon —					
T.M.B p.no - 16					
Qty - 2 nos					
@ 8883.81 - Rs -					17767.60 17768.00
<u>14</u> 14. Boundary Pillars —					
T.M.B p.no - 17					
Qty 50 nos					
@ 819.62 - Rs -					40981.00
<u>15</u> 15. Road marking with 16 Lot Applied —					
T.M.B p.no - 17					
Qty - 675.80 m ²					
@ 995.20 - Rs -					672556.00
					Rs, 19958658.00

Continuation

1990473.00

1262828.00

134601000

19958658.0

Sch. XLV—Form No. 134

Continuation

205872982

2468 80222483.

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Sch. XLV—Form No. 134

Continuation

At NO. 74 dt 1-03-08-24

DJ = 11,2935=00

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
II on AIC bin DJ =				19,69770=00	
S. 54 →				98483=00	
J. 7 → 24 →				39395=00	
L. 14 →				19698=00	
C.W. 14 →				19698=00	
S.W. 14 →				19698=00	
Royalty →				3341=00	
S.E. →				5681=00	
by cheque amount				17,63770=00	
Total				19,69770=00	
Registered DJ =				69,770=00	
Debit, 11/6/24				11,2935=00	
Seven Hundred Seventy Seven					
Executive Engineer					
R.W.D. Works Division					
Hapur					
Ref: 20240611055745					

Continuation