

M14-28 & TO Checking Below,

Schedule XLV-Form No. 134

Executive Engineer
R.W.D. (W) Division

Bagmati

DIVISION

97131-1

SUB-DIVISION

Measurement Book

1448

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(25) 1/2 hr & fixing masonry.					
Sign board - do -					02 Nos.
(5/4) 1/2 hr const of embankment					
lead up to 100 m length					
$24 \times 30 \times \left(\frac{7.40 + 6.60}{2} - \frac{4.50 + 5.10}{2} \right) \times 0.55$ $= 871.20 \text{ m}^2$					
(6/6) 1/2 hr const of embankment					
lead up to 100 m length					
$54 \times 30 \times \left(\frac{7.60 + 6.80}{2} - \frac{4.60 + 5.20}{2} \right) \times 0.60$ $= 2041.20 \text{ m}^2$					

Record Entry

(3/2) 1/2 hr Earthwork in excavation					
for foundation - do -					
H.W	3	2	6.45	1.55	1.675 = 100.47
Below pipe	3	1	5.00	1.53	0.540 = 12.39
					total = 112.86 m ²
(2/32) 1/2 hr sand filling in					
foundation - do -					
H.W	3	2	6.45	1.55	0.100 = 6.10
Below	3	1	5.593	1.53	0.100 = 2.57
					8.57 m ²
(3/33) 1/2 hr Bricks flat soling					
in foundation -					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>H.W</u> 3 x 2 x 6.45 x 1.55 =					59.97
<u>Below</u> Pipes 3 x 1 x 5.653 x 1.53 =					25.95
					85.94 m ²
<u>4</u> (34) 1/2 p.c.c. 1:1.5 grade					
in foundation - do -					
<u>H.W</u> 3 x 2 x 6.300 x 1.40 x 0.15 =					7.74
<u>Below</u> 3 x 1 x 5.766 x 1.53 x 0.55 =					14.56
less for pipe					22.50 m ²
3 x 0.188 x 0.7857 x (1.23) ² x 5.955 =					12.3.99
<u>Answer</u>					
total =					18.514 m ²
<u>5</u> (35) 1/2 brick masonry					
work in head wall - do -					
3 x 3 x 2.5007 =					22.50 m ²
<u>6</u> (35) 1/2 brick masonry					
work in head wall -					
<u>H.W</u> 3 x 2 x 6.150 x 0.825 x 2.465 =					75.04
<u>For pipe</u> 3 x 2 x 6.150 x 0.40 x 0.60 =					8.86
less pipe					83.90 m ²
3 x 2 x 0.7857 x (1.23) ² x 0.612 =					4.36
					79.54 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry.					
1/2 hr plastering with cement 11:40 on brick work —					
{	3 x 2 x 6.150 x 1.83 =				67.52
	3 x 2 x 6.150 x 0.60 =				22.14
	3 x 2 x 6.150 x 0.40 =				14.76
	3 x 4 x 0.612 x 1.23 =				9.03
	3 x 4 x 0.400 x 0.600 =				2.88
res pipe					116.34
addition 3 x 2 x 0.7857 x (1.23) ² =					7.13
					109.21
3/4 hr 1.5 m thick cement punning — do —					
{	3 x 2 x 6.150 x 0.400 =				14.76
	3 x 2 x 6.150 x 0.600 =				22.14
	3 x 4 x 0.400 x 0.600 =				2.88
					39.78
3/4 hr excavation for road box cutting —					
{	2 x 30 x 30.00 x 0.525 x 0.100 =				94.50
	2 x 3 x 30.00 x 0.525 x 0.100 =				9.45
	2 x 1 x 17.00 x 0.525 x 0.100 =				1.79
	2 x 27 x 30.00 x 0.375 x 0.100 =				60.75
	2 x 1 x 28.00 x 0.375 x 0.100 =				2.10
addition					168.59
1/2 hr const of G.S.B by well graded material —					
{	4 x 4.50 x 3.00 x 0.100 =				5.40
	6 x 3.50 x 2.50 x 0.100 =				5.25

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7 x 3.10 x 2.10 x 0.100 =					4.56
5 x 4.65 x 2.20 x 0.100 =					5.12
7 x 4.20 x 2.60 x 0.100 =					7.64
5 x 4.75 x 2.40 x 0.100 =					5.70
9 x 4.80 x 2.90 x 0.100 =					12.52
2 x 33 x 30.00 x 0.525 x 0.100 =					103.95
2 x 1 x 17.00 x 0.525 x 0.100 =					1.79
2 x 27 x 30.00 x 0.375 x 0.100 =					60.75
2 x 1 x 28.00 x 0.375 x 0.100 =					2.80
1 x 33 x 30.00 x 4.05 x 0.100 =					400.95
1 x 1 x 17.00 x 4.05 x 0.100 =					6.89
Total =					622.27 m ²

Record Entry

(1/8) for laying spreader x

Compacting NBM Gr-II

1 x 33 x 30.00 x 3.75 x 0.075 =					278.44
1 x 1 x 17.00 x 3.75 x 0.075 =					4.78
1 x 27 x 30.00 x 3.75 x 0.075 =					227.81
1 x 1 x 28.00 x 3.75 x 0.075 =					7.88
Total =					518.91 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Recovery Entry					
1/18) h/r Const of b.c.e.					
average recovery					
12 x 30, 10 x 37.5 x 0.160					216.0 m ²
John					
01/08/2022					
JK					
Awadh K					
01/08/22					
A.K.					

पत्र के संबंध में
"विहित प्रपत्र में
प्रमाणित प्रपत्र के
प्राधिकार पत्र में"

1/08/2022

Abstract of cost					
1/18) h/r Const of working					
benchmarking					do
1.845 KM wide Rye - (1)					
@ Rs. 8722.93 / KM					Rs 16094 =
2/2) h/r Const of reference					
pillar					do
1.845 KM wide Rye - (1)					
@ Rs. 4833.16 / KM					Rs 8917 =
3/18) h/r clearing & grubbing					
of soil/land					
0.55 Hect wide Rye - (1)					
@ Rs 51133.26 / Hect					Rs 28124 =

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

4/15) flr Const of embankment

Lead up to 100 y length

871.20 m² wide base - (2)

@ Rs. 202.52/m² ————— Rs 176435.2

5/16) flr Const of embankment

Lead up to 100 y length

2041.20 m² wide base (2)

@ Rs. 167.41/m² ————— Rs 341717.2

6/17) flr excavation for road way

box cutting — do —

168.59 m² wide base - (4)

@ Rs. 74.16/m² ————— Rs 12503.2

7/19) flr Const of G.S.B by

well graded material —

622.27 m² wide base - (5)

@ Rs. 3237.24/m² ————— Rs 2014437.2

8/110) flr laying spreading

Compacting NBm Gr. III

518.91 m² wide base - (5)

@ Rs. 3971.94/m² ————— Rs 2061079.2

9/14) flr Const of unreinforced

P.C.C. 11.25 grade —

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
216.00 m ² wide page (6)					
@ Rs. 7280.55/m ² —				Rs. 1572599 =	
<u>10</u> (23) lvr & living masonry					
Sign board — do —					
02 nos wide page (2)					
@ Rs. 12594.76/sq. ft. —				Rs. 25190 =	
<u>11</u> (31) lvr Earth work in					
excavation for foundation.					
112.86 m ² wide page (2)					
@ Rs. 269.32/m ² —				Rs. 30395 =	

<u>12</u> (32) lvr Sand filling in					
foundation — do —					
8.57 m ² wide page (2)					
@ Rs. 400.59/m ² —				Rs. 3433 =	

<u>13</u> (33) lvr Bricks flat soling					
in foundation — do —					
85.94 m ² wide page (2)					
Unit: 85.92 m ²					
@ Rs. 289.47/m ² —				Rs. 24871 =	

<u>14</u> (34) lvr P.C.C. M-15 grade					
in foundation — do —					
18.51 m ² wide page (3)					
@ Rs. 6132.66/m ² —				Rs. 113516 =	

Continuation

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कार्य का भुगतान

उपयोग

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15 (35) 1/2 Brick masonry work in headwall —					
79.54 m ² wide page (3)					
Unit - 79.53 m ²					
@ Rs. 5676.51/m ² —					Rs 451453 =
16 (36) 1/2 brick laying 1 cm mortar diag R.E.C. pipe —					
22.50 m wide page (3)					
@ Rs. 3759.15/m ² —					Rs. 84581 =
17 (37) 1/2 plastering with cement (1:4) on brick work —					
109.21 m ² wide page (4)					
Unit - 109.20 m ²					
@ Rs 18706/m ² —					Rs. 20427 =
18 (38) 1/2 1.5 cm thick cement paving — do —					
39.78 m ² wide page (4)					
@ Rs 56.17/m ² —					Rs 2234 =
					Rs 6988005 =
Add GST @ 12% Rs					838561 =
Add C.W.B @ 1% Rs					69830 =
Add S. fee — Rs					86918 =
					Rs 7983364 =
(Less 3.79% below Rs 1000000)					Rs 302569 =
					Rs 7680795 =

later
01-08-2022
J.E.

Continuation

Addressed
01/08/22
J.E.