

उत्तर सोन प्रभाग प्रमुख कार्यालय

M.D. 110-317/19-20

Schedule XLV Form No.-134

BIHAR P.W.D.

Sareya Barua Tola to Sareya Bigam Tola

Areeya

DIVISION

Harsidhu

SUB-DIVISION

अथ ६२-३ ३११२, ६१० ३१०

MEASUREMENT BOOK

3rd & upto 2nd Blue
 Road. Saniya Bani toll to
 Bagan toll

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ag No. 52510/19-20					
Date of start - 17/3/2020					
Date of completion - 16/3/21					
Agency - Amber Infra Project Pvt. Ltd.					
50	50	50	50	50	50
88.500	88.750	87.820	87.220	87.580	88.120
88.250	88.900	88.360	87.870	88.250	88.460
89.200	89.100	88.600	88.100	88.500	88.700
89.300	89.200	88.700	88.200	88.600	88.800
89.200	89.100	88.600	88.100	88.500	88.700
88.050	88.800	88.320	87.850	88.170	88.520
88.330	88.160	87.660	87.130	87.770	88.440
88.410	88.600	89.220	88.630	87.670	87.770
88.210	88.550	89.100	88.430	87.630	87.410
89.100	89.000	89.600	89.000	88.000	88.100
89.200	89.100	89.200	89.100	88.100	88.200
89.100	89.000	89.600	89.000	88.000	88.100
88.800	88.700	89.900	88.200	87.500	87.200
88.600	88.500	89.130	88.580	87.640	87.340
88.400	88.100	88.780	88.310	88.020	88.030
87.200	88.000	88.160	89.080	87.780	87.970
89.400	88.700	89.100	89.200	88.900	88.800
89.500	89.000	89.200	89.300	89.000	88.900
89.400	88.700	88.760	89.030	88.900	88.800
89.100	88.700	88.720	88.450	88.090	87.770
88.100	88.100	88.720	88.250	87.940	87.150

Continuation

Continuation

① Ceph of road abutment
for city as per 454 CG
given below.

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Particulars	Details of actual measurement				Contents of area
	No.	C/S	W. Bay	D.	
Channel	-	Area	W. Bay	Area	Volume (m ³)
0	-	2.336	-	-	-
50	-	2.211	2.274	50	113.625
100	-	2.839	2.525	50	126.250
150	-	2.728	2.808	50	140.325
200	-	2.621	2.724	50	136.125
250	-	2.362	2.579	50	125.825
300	-	4.942	3.652	50	182.600
350	-	3.152	4.049	50	202.350
400	-	3.804	3.478	50	173.900
450	-	5.839	4.822	50	241.025
500	-	6.552	6.126	50	309.725
550	-	6.529	6.526	50	328.225
600	-	6.152	6.366	50	318.225
650	-	5.723	5.938	50	296.875
700	-	9.157	7.460	50	373.060
750	-	8.298	8.748	50	432.325
800	-	8.306	8.303	50	415.150
850	-	7.240	9.774	50	388.700
900	-	5.213	6.227	50	311.325
950	-	2.245	3.729	50	186.450
1000	-	3.283	2.764	50	138.200
1050	-	3.059	3.171	50	158.550
1100	-	2.558	2.809	50	140.425
1150	-	2.558	2.558	50	127.900
1200	-	2.295	2.427	50	121.325
1250	-	1.384	1.840	50	91.925
1300	-	1.418	1.401	50	71.050
1350	-	1.453	1.436	50	71.725
1400	-	1.510	1.482	50	74.025
1450	-	2.985	2.205	50	110.325
1500	-	3.232	3.069	50	153.425
1520	-	2.115	2.674	20	53.425

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Lining S/S for widening of c/c					
		2 + 10 + 25	40.325	10	18.25 m ³
BT portion					
	10	2 + 2 + 33	40.525	10	69.30 m ³
Flat earthwork					
		2 + 30	40.5	10	
		18	40.5	20	437.40 m ³
C/c portion earthwork					
		2 + 35	37.5	10	26.25 m ³
BT portion of B/E					
	10	2 + 33	40.5	10	267.30 m ³
Leveling for old B/E					
		10 + 50	3	0.02	30 m ³
		2 + 40	3	0.02	4 m ³
		1 + 10	3	0.04	1.20 m ³
					748 = 855 m ³
					Wt = 854.49 m ³
② Lining S/S for					
	10	50	3.25	0.025	140.625 m ³
Choked					
	10	50	3.25	0.025	140.625 m ³
	25	50	3.25	0.025	140.625 m ³
Centre	1	20	10	4 + 6.20 + 4.10	6.075 m ³
Curve					
	1	10	14	6.20 + 4.10	6.075 m ³
					748 = 4340.2 m ³
					Wt = 431.78 m ³

Continuation

Continuation

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

(14) Bunday Aillar

7 M

(15) M.M. Gsy Sgon Bow - 2 M

(16) M.M. in lower Bow - 1 M

(16) Rotor no. 1 & 2
Sgon Bow

(5) 600mm equivalent
to 1m - 8 M

(5i) 600mm + 450mm = 6 M

(5ii) 450mm octagon - 2 M

(17) Road kerby

B.T kerby

$$2 \times 40 \times 30 + 0.10 = 240.00$$

(5i) C/C profile

$$2 \times 10 \times 30 + 0.10 = 60.00$$

$$2 \times 12 \times 10 + 0.10 = 2.40$$

(18) Supply & placing
3rd and 4th

$$3 \times 3 \times 2.50 = 22.50$$

(19) Dismantling of

existing concrete

$$20 + 0.50 + 0.30 = 3.00$$

(20) Dismantling of R.C.C. - 7

$$20 + 0.50 + 0.30 = 3.00$$

(5i) Dismantling of

Concrete Mortar

$$7 \times 60 = 42.00$$

(20) Removal of self

after 10 days

25/3/22

Slab
15/3/22
AC

3rd + Npto Sula Brg

ABSTRACT of work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Dismantling of existing structure for video P10, 1st flr					
→ 2.1 Nm @ 455.50/m ² - 957					
(2) Dismantling of R.C. str for video P10, 1st flr					
→ 3 Nm @ 1108.95/m ² - 13326					
(3) Dismantling of concrete structure for video P10, 1st flr					
→ 42 Nm @ 327.63/m ² - 13786					
(4) Removal of old types of floor for video P10, 1st flr					
→ 5 Nm @ 166.35/m ² - 826					
(5) Supplying & placing of 30mm HP. for video P10, 1st flr					
→ 22.50m @ 1268.85/m ² - 28549					
(6) Refinement T & M. for video P2, 1st flr					
→ 1.520km @ 3520.99/m ² - 53512					
(7) Reference Pillar for video P2, 1st flr					
→ 1.520km @ 1646.23/m ² - 2505					
(8) Chasing & gully for R/O Level - 1st flr					
Qty for video P7, 1st flr					
→ 1.060H @ 49174.86/m ² - 52125					
(9) Flow in gutter & gully for video P7, 1st flr					
Qty for video P7, 1st flr					
→ 88.05m ² @ 36.82/m ² - 13242					
					1106722

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) cost of actual work 100 m level					110672
Qty for side P2 i.e. 11					
73135.14 m ³ @ 119.135/m ³					873585
(8) cost of work under 100 m level					
Qty for side P2 i.e. 11					
260.83 m ³ @ 139.85/m ³					36477
(9) cost of subgrade for portion shoulder					
Qty for side P2 i.e. 11					
1127.61 m ³ @ 135.68/m ³					152997
(10) Box cutting					
Qty for side P2 i.e. 5					
88.05 m ³ @ 121.352/m ³					10685
(11) Rolling cross. B. g. I					
Qty for side P8 i.e. 6					
954.49 m ³ @ 2886.42/m ³					2466424
(12) Rolling S/M g. I					
Qty for side P8 i.e. 7					
431.28 m ³ @ 3932.43/m ³					1697964
(13) Bitum. coat					
Area for side P8 i.e. 8					
4545.0 m ² @ 48.53/m ²					220573
(14) Tack coat					
Area for side P8 i.e. 9					
4545.0 m ² @ 16.221/m ²					73724
(15) Mix seal carpet					
Area for side P8 i.e. 10					
4545.0 m ² @ 220.723/m ²					1003186

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Cement concrete for 1st floor	1	12.14	5.1	0.15	6146.207
Qty for 1st floor	1	12.14	5.1	0.15	
* 193.92 m ² @ 1682.72/m ²					1489834
(17) Laying & B/laying of road shoulder	1	12.14	5.1	0.15	
Qty for 1st floor	1	12.14	5.1	0.15	
* 200.00 m ² @ 553.45/m ²					110690
(18) Kidney stone slig for 1st floor	1	12.14	5.1	0.15	
* 2 m ² @ 2516.45/m ²					5032
(19) 200 m slig for 1st floor	1	12.14	5.1	0.15	
* 6 m ² @ 681.73/m ²					4090
(19) Bunding Diller for 1st floor	1	12.14	5.1	0.15	
* 7 m ² @ 542.85/m ²					3835
(20) 1st floor masonry work for 1st floor	1	12.14	5.1	0.15	
Qty for 1st floor	1	12.14	5.1	0.15	
* 3 m ² @ 13768.20/m ²					41304
(21) Retard wall for 1st floor for 1st floor	1	12.14	5.1	0.15	
* 6 m ² @ 5283.20/m ²					42265
(22) 600mm equity for 1st floor	1	12.14	5.1	0.15	
* 6 m ² @ 7125.10/m ²					42269
(23) 900mm equity for 1st floor	1	12.14	5.1	0.15	
* 2 m ² @ 13344.00/m ²					26689

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	Per	
(22) Road boundary					7912715
Area for side P ₁₀ to P ₁₂					
at 62.4m @ 939.0/m					58593
(23) B.T. boundary					
Area for side P ₁₀ to P ₁₂					
at 240.0m @ 825.0/m					198960
(23) Boundary Diller					
Area for side P ₁₀ to P ₁₂					
at 2 Ni @ 542.825/m					133835
					8174103
					2513122

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