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City of Republic, Missouri
2017 Refunding

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SOURCES AND USES OF FUNDS

City of Republic, Missouri
2017 Refunding

Dated Date 10/19/2017
Delivery Date 10/19/2017

Sources:	Series 2010	Series 2011	Total
Bond Proceeds:			
Par Amount	2,770,000.00	1,310,000.00	4,080,000.00
Premium	98,293.70	49,908.10	148,201.80
	<u>2,868,293.70</u>	<u>1,359,908.10</u>	<u>4,228,201.80</u>
Income:			
Sale of Firetrucks		45,000.00	45,000.00
Other Sources of Funds:			
Prior 2010 Bonds DSRF	769,660.36		769,660.36
11/1/17 Payment on Refunded Bonds	63,752.50		63,752.50
	<u>833,412.86</u>		<u>833,412.86</u>
	<u>3,701,706.56</u>	<u>1,404,908.10</u>	<u>5,106,614.66</u>
Uses:			
Refunding Escrow Deposits:			
Cash Deposit	63,754.00		63,754.00
SLGS Purchases	3,565,819.00	1,366,928.00	4,932,747.00
	<u>3,629,573.00</u>	<u>1,366,928.00</u>	<u>4,996,501.00</u>
Delivery Date Expenses:			
Cost of Issuance	47,058.54	22,255.12	69,313.66
Underwriter's Discount	27,700.00	13,100.00	40,800.00
	<u>74,758.54</u>	<u>35,355.12</u>	<u>110,113.66</u>
Other Uses of Funds:			
Contingency	(2,624.98)	2,624.98	
	<u>3,701,706.56</u>	<u>1,404,908.10</u>	<u>5,106,614.66</u>

Note: Final Numbers

SUMMARY OF REFUNDING RESULTSCity of Republic, Missouri
2017 Refunding

Dated Date	10/19/2017
Delivery Date	10/19/2017
Arbitrage yield	1.708815%
Escrow yield	1.227512%
Value of Negative Arbitrage	14,128.09
Bond Par Amount	4,080,000.00
True Interest Cost	2.027188%
Net Interest Cost	2.069788%
All-In TIC	2.578805%
Average Coupon	2.892412%
Average Life	3.200
Weighted Average Maturity	3.225
Par amount of refunded bonds	4,860,000.00
Average coupon of refunded bonds	3.706974%
Average life of refunded bonds	3.317
Remaining weighted average maturity of refunded bonds	3.316
PV of prior debt to 10/19/2017 @ 1.708815%	5,238,040.11
Net PV Savings	176,425.45
Percentage savings of refunded bonds	3.630153%

Note: Final Numbers

BOND PRICING

City of Republic, Missouri
2017 Refunding

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Premium (-Discount)
Serial Bond:						
	05/01/2018	420,000	2.000%	1.150%	100.450	1,890.00
	05/01/2019	770,000	2.000%	1.250%	101.135	8,739.50
	05/01/2020	795,000	3.000%	1.400%	103.968	31,545.60
	05/01/2021	860,000	3.000%	1.530%	105.037	43,318.20
	05/01/2022	770,000	3.000%	1.800%	105.201	40,047.70
	05/01/2023	130,000	3.000%	2.000%	105.213	6,776.90
	05/01/2024	135,000	3.000%	2.150%	105.154	6,957.90
	05/01/2025	200,000	3.000%	2.350%	104.463	8,926.00
		4,080,000				148,201.80

Dated Date	10/19/2017	
Delivery Date	10/19/2017	
First Coupon	05/01/2018	
Par Amount	4,080,000.00	
Premium	148,201.80	
Production	4,228,201.80	103.632397%
Underwriter's Discount	(40,800.00)	(1.000000%)
Purchase Price	4,187,401.80	102.632397%
Accrued Interest		
Net Proceeds	4,187,401.80	

Note: Final Numbers

BOND SUMMARY STATISTICS

City of Republic, Missouri
2017 Refunding

Dated Date	10/19/2017
Delivery Date	10/19/2017
First Coupon	05/01/2018
Last Maturity	05/01/2025
Arbitrage Yield	1.708815%
True Interest Cost (TIC)	2.027188%
Net Interest Cost (NIC)	2.069788%
All-In TIC	2.578805%
Average Coupon	2.892412%
Average Life (years)	3.200
Weighted Average Maturity (years)	3.225
Duration of Issue (years)	3.069
Par Amount	4,080,000.00
Bond Proceeds	4,228,201.80
Total Interest	377,633.33
Net Interest	270,231.53
Bond Years from Dated Date	13,056,000.00
Bond Years from Delivery Date	13,056,000.00
Total Debt Service	4,457,633.33
Maximum Annual Debt Service	909,950.00
Average Annual Debt Service	591,721.24

Bond Component	Par Value	Price	Average Coupon	Average Life	Duration	PV of 1 bp change
Serial Bond	4,080,000.00	103.632	2.892%	3.200	3.173	1,295.20
	4,080,000.00			3.200		1,295.20

	TIC	All-In TIC	Arbitrage Yield
Par Value	4,080,000.00	4,080,000.00	4,080,000.00
+ Accrued Interest			
+ Premium (Discount)	148,201.80	148,201.80	148,201.80
- Underwriter's Discount	(40,800.00)	(40,800.00)	
- Cost of Issuance Expense		(69,313.66)	
- Other Amounts			
Target Value	4,187,401.80	4,118,088.14	4,228,201.80
Target Date	10/19/2017	10/19/2017	10/19/2017
Yield	2.027188%	2.578805%	1.708815%

Note: Final Numbers

BOND MATURITY TABLE

City of Republic, Missouri
2017 Refunding

Maturity Date	Series 2010	Series 2011	Total
05/01/2018	420,000		420,000
05/01/2019	440,000	330,000	770,000
05/01/2020	455,000	340,000	795,000
05/01/2021	485,000	375,000	860,000
05/01/2022	505,000	265,000	770,000
05/01/2023	130,000		130,000
05/01/2024	135,000		135,000
05/01/2025	200,000		200,000
	2,770,000	1,310,000	4,080,000

Note: Final Numbers

BOND DEBT SERVICE

City of Republic, Missouri
2017 Refunding

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
05/01/2018	420,000	2.000%	58,933.33	478,933.33	
11/01/2018			51,050.00	51,050.00	529,983.33
05/01/2019	770,000	2.000%	51,050.00	821,050.00	
11/01/2019			43,350.00	43,350.00	864,400.00
05/01/2020	795,000	3.000%	43,350.00	838,350.00	
11/01/2020			31,425.00	31,425.00	869,775.00
05/01/2021	860,000	3.000%	31,425.00	891,425.00	
11/01/2021			18,525.00	18,525.00	909,950.00
05/01/2022	770,000	3.000%	18,525.00	788,525.00	
11/01/2022			6,975.00	6,975.00	795,500.00
05/01/2023	130,000	3.000%	6,975.00	136,975.00	
11/01/2023			5,025.00	5,025.00	142,000.00
05/01/2024	135,000	3.000%	5,025.00	140,025.00	
11/01/2024			3,000.00	3,000.00	143,025.00
05/01/2025	200,000	3.000%	3,000.00	203,000.00	203,000.00
	4,080,000		377,633.33	4,457,633.33	4,457,633.33

Note: Final Numbers

BOND DEBT SERVICE BREAKDOWN

City of Republic, Missouri
2017 Refunding

Period Ending	Series 2010	Series 2011	Total
11/01/2018	492,783.33	37,200	529,983.33
11/01/2019	501,700.00	362,700	864,400.00
11/01/2020	505,475.00	364,300	869,775.00
11/01/2021	521,375.00	388,575	909,950.00
11/01/2022	526,525.00	268,975	795,500.00
11/01/2023	142,000.00		142,000.00
11/01/2024	143,025.00		143,025.00
11/01/2025	203,000.00		203,000.00
	3,035,883.33	1,421,750	4,457,633.33

Note: Final Numbers

SAVINGS

City of Republic, Missouri
2017 Refunding

Date	Prior Debt Service	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Savings	Annual Savings	Present Value PV to 10/19/2017 Factor@ 1.7088147%
10/19/2017		63,752.50	(63,752.50)		(63,752.50)		1.00000000
11/01/2017	63,752.50		63,752.50		63,752.50		0.999432976
02/01/2018	22,686.26		22,686.26		22,686.26		0.995190528
05/01/2018	583,752.50		583,752.50	478,933.33	104,819.17		0.990966088
08/01/2018	22,686.26		22,686.26		22,686.26		0.986759581
11/01/2018	55,562.50		55,562.50	51,050.00	4,512.50	154,704.19	0.982570930
02/01/2019	22,686.26		22,686.26		22,686.26		0.978400059
05/01/2019	605,562.50		605,562.50	821,050.00	(215,487.50)		0.974246892
08/01/2019	357,686.26		357,686.26		357,686.26		0.970111356
11/01/2019	46,487.50		46,487.50	43,350.00	3,137.50	168,022.52	0.965993374
02/01/2020	17,493.76		17,493.76		17,493.76		0.961892872
05/01/2020	621,487.50		621,487.50	838,350.00	(216,862.50)		0.957809776
08/01/2020	367,493.76		367,493.76		367,493.76		0.953744013
11/01/2020	36,425.00		36,425.00	31,425.00	5,000.00	173,125.02	0.949695508
02/01/2021	11,718.76		11,718.76		11,718.76		0.945664188
05/01/2021	651,425.00		651,425.00	891,425.00	(240,000.00)		0.941649981
08/01/2021	386,718.76		386,718.76		386,718.76		0.937652814
11/01/2021	24,893.76		24,893.76	18,525.00	6,368.76	164,806.28	0.933672613
02/01/2022	5,156.26		5,156.26		5,156.26		0.929709309
05/01/2022	674,893.76		674,893.76	788,525.00	(113,631.24)		0.925762828
08/01/2022	280,156.26		280,156.26		280,156.26		0.921833099
11/01/2022	12,300.00		12,300.00	6,975.00	5,325.00	177,006.28	0.917920051
05/01/2023	182,300.00		182,300.00	136,975.00	45,325.00		0.910143716
11/01/2023	8,900.00		8,900.00	5,025.00	3,875.00	49,200.00	0.902433260
05/01/2024	183,900.00		183,900.00	140,025.00	43,875.00		0.894788124
11/01/2024	5,400.00		5,400.00	3,000.00	2,400.00	46,275.00	0.887207755
05/01/2025	275,400.00		275,400.00	203,000.00	72,400.00	72,400.00	0.879691605
	5,526,925.12	63,752.50	5,463,172.62	4,457,633.33	1,005,539.29	1,005,539.29	946,085.81

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	946,085.81
Less: Prior funds on hand	(769,660.36)
Plus: Refunding funds on hand	
Net PV Savings	176,425.45

Note: Final Numbers

SAVINGS

City of Republic, Missouri
2017 Refunding

Date	Prior Debt Service	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Present Value to 10/19/2017 Savings@ 1.7088147%
11/01/2017	63,752.50	63,752.50			(36.15)
11/01/2018	684,687.52		684,687.52	529,983.33	154,704.19
11/01/2019	1,032,422.52		1,032,422.52	864,400.00	168,022.52
11/01/2020	1,042,900.02		1,042,900.02	869,775.00	173,125.02
11/01/2021	1,074,756.28		1,074,756.28	909,950.00	164,806.28
11/01/2022	972,506.28		972,506.28	795,500.00	177,006.28
11/01/2023	191,200.00		191,200.00	142,000.00	49,200.00
11/01/2024	189,300.00		189,300.00	143,025.00	46,275.00
11/01/2025	275,400.00		275,400.00	203,000.00	72,400.00
	5,526,925.12	63,752.50	5,463,172.62	4,457,633.33	1,005,539.29
					946,085.81

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	946,085.81
Less: Prior funds on hand	(769,660.36)
Plus: Refunding funds on hand	
Net PV Savings	176,425.45

Note: Final Numbers

PROOF OF ARBITRAGE YIELD

City of Republic, Missouri
2017 Refunding

Date	Debt Service	Total	PV Factor @	Present Value to 10/19/2017 1.7088147484%
05/01/2018	478,933.33	478,933.33	0.990966088	474,606.69
11/01/2018	51,050.00	51,050.00	0.982570930	50,160.25
05/01/2019	821,050.00	821,050.00	0.974246892	799,905.41
11/01/2019	43,350.00	43,350.00	0.965993374	41,875.81
05/01/2020	838,350.00	838,350.00	0.957809776	802,979.83
11/01/2020	31,425.00	31,425.00	0.949695508	29,844.18
05/01/2021	891,425.00	891,425.00	0.941649981	839,410.33
11/01/2021	18,525.00	18,525.00	0.933672613	17,296.29
05/01/2022	788,525.00	788,525.00	0.925762828	729,987.13
11/01/2022	6,975.00	6,975.00	0.917920051	6,402.49
05/01/2023	136,975.00	136,975.00	0.910143716	124,666.94
11/01/2023	5,025.00	5,025.00	0.902433260	4,534.73
05/01/2024	140,025.00	140,025.00	0.894788124	125,292.71
11/01/2024	3,000.00	3,000.00	0.887207755	2,661.62
05/01/2025	203,000.00	203,000.00	0.879691605	178,577.40
	4,457,633.33	4,457,633.33		4,228,201.80

Proceeds Summary

Delivery date	10/19/2017
Par Value	4,080,000.00
Premium (Discount)	148,201.80
Target for yield calculation	4,228,201.80

Note: Final Numbers

FORM 8038 STATISTICS

City of Republic, Missouri
2017 Refunding

Dated Date 10/19/2017
Delivery Date 10/19/2017

Bond Component	Date	Principal	Coupon	Price	Issue Price	Redemption at Maturity
Serial Bond:						
	05/01/2018	420,000.00	2.000%	100.450	421,890.00	420,000.00
	05/01/2019	770,000.00	2.000%	101.135	778,739.50	770,000.00
	05/01/2020	795,000.00	3.000%	103.968	826,545.60	795,000.00
	05/01/2021	860,000.00	3.000%	105.037	903,318.20	860,000.00
	05/01/2022	770,000.00	3.000%	105.201	810,047.70	770,000.00
	05/01/2023	130,000.00	3.000%	105.213	136,776.90	130,000.00
	05/01/2024	135,000.00	3.000%	105.154	141,957.90	135,000.00
	05/01/2025	200,000.00	3.000%	104.463	208,926.00	200,000.00
		4,080,000.00			4,228,201.80	4,080,000.00

	Maturity Date	Interest Rate	Issue Price	Stated Redemption at Maturity	Weighted Average Maturity	Yield
Final Maturity	05/01/2025	3.000%	208,926.00	200,000.00		
Entire Issue			4,228,201.80	4,080,000.00	3.2248	1.7088%

Proceeds used for accrued interest	0.00
Proceeds used for bond issuance costs (including underwriters' discount)	110,113.66
Proceeds used for credit enhancement	0.00
Proceeds allocated to reasonably required reserve or replacement fund	0.00
Proceeds used to currently refund prior issues	0.00
Proceeds used to advance refund prior issues	4,932,748.50
Remaining weighted average maturity of the bonds to be currently refunded	0.0000
Remaining weighted average maturity of the bonds to be advance refunded	3.3161

Note: Final Numbers

FORM 8038 STATISTICS

City of Republic, Missouri
2017 Refunding

Refunded Bonds

Bond Component	Date	Principal	Coupon	Price	Issue Price
Series 2010 Refunding:					
SERIAL	05/01/2018	520,000.00	3.150%	99.660	518,232.00
SERIAL	05/01/2019	550,000.00	3.300%	99.624	547,932.00
SERIAL	05/01/2020	575,000.00	3.500%	99.591	572,648.25
SERIAL	05/01/2021	615,000.00	3.750%	100.000	615,000.00
SERIAL	05/01/2022	650,000.00	3.875%	100.000	650,000.00
SERIAL	05/01/2023	170,000.00	4.000%	100.000	170,000.00
SERIAL	05/01/2024	175,000.00	4.000%	99.475	174,081.25
SERIAL	05/01/2025	270,000.00	4.000%	98.902	267,035.40
		<u>3,525,000.00</u>			<u>3,514,928.90</u>
Series 2011 Refunding Bonds:					
SERIAL	08/01/2019	335,000.00	3.100%	99.301	332,658.35
SERIAL	08/01/2020	350,000.00	3.300%	98.851	345,978.50
SERIAL	08/01/2021	375,000.00	3.500%	98.838	370,642.50
SERIAL	08/01/2022	275,000.00	3.750%	99.199	272,797.25
		<u>1,335,000.00</u>			<u>1,322,076.60</u>
		4,860,000.00			4,837,005.50

	Last Call Date	Issue Date	Remaining Weighted Average Maturity
Series 2010 Refunding	05/01/2018	09/09/2010	3.3504
Series 2011 Refunding Bonds	08/01/2018	08/16/2011	3.2247
All Refunded Issues	08/01/2018		3.3161

Note: Final Numbers

SUMMARY OF BONDS REFUNDED

City of Republic, Missouri
2017 Refunding

Bond	Maturity Date	Interest Rate	Par Amount	Call Date	Call Price
Series 2010 Refunding, 2010:					
Serial Bond, SERIAL	05/01/2018	3.150%	520,000.00		
	05/01/2019	3.300%	550,000.00	05/01/2018	100.000
	05/01/2020	3.500%	575,000.00	05/01/2018	100.000
	05/01/2021	3.750%	615,000.00	05/01/2018	100.000
	05/01/2022	3.875%	650,000.00	05/01/2018	100.000
	05/01/2023	4.000%	170,000.00	05/01/2018	100.000
	05/01/2024	4.000%	175,000.00	05/01/2018	100.000
	05/01/2025	4.000%	270,000.00	05/01/2018	100.000
			<u>3,525,000.00</u>		
Series 2011 Refunding Bonds, 2011:					
Serial Bond, SERIAL	08/01/2019	3.100%	335,000.00	08/01/2018	100.000
	08/01/2020	3.300%	350,000.00	08/01/2018	100.000
	08/01/2021	3.500%	375,000.00	08/01/2018	100.000
	08/01/2022	3.750%	275,000.00	08/01/2018	100.000
			<u>1,335,000.00</u>		
			<u>4,860,000.00</u>		

Note: Final Numbers

PRIOR BOND DEBT SERVICE

City of Republic, Missouri
2017 Refunding

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
11/01/2017			63,752.50	63,752.50	63,752.50
02/01/2018			22,686.26	22,686.26	
05/01/2018	520,000	3.150%	63,752.50	583,752.50	
08/01/2018			22,686.26	22,686.26	
11/01/2018			55,562.50	55,562.50	684,687.52
02/01/2019			22,686.26	22,686.26	
05/01/2019	550,000	3.300%	55,562.50	605,562.50	
08/01/2019	335,000	3.100%	22,686.26	357,686.26	
11/01/2019			46,487.50	46,487.50	1,032,422.52
02/01/2020			17,493.76	17,493.76	
05/01/2020	575,000	3.500%	46,487.50	621,487.50	
08/01/2020	350,000	3.300%	17,493.76	367,493.76	
11/01/2020			36,425.00	36,425.00	1,042,900.02
02/01/2021			11,718.76	11,718.76	
05/01/2021	615,000	3.750%	36,425.00	651,425.00	
08/01/2021	375,000	3.500%	11,718.76	386,718.76	
11/01/2021			24,893.76	24,893.76	1,074,756.28
02/01/2022			5,156.26	5,156.26	
05/01/2022	650,000	3.875%	24,893.76	674,893.76	
08/01/2022	275,000	3.750%	5,156.26	280,156.26	
11/01/2022			12,300.00	12,300.00	972,506.28
05/01/2023	170,000	4.000%	12,300.00	182,300.00	
11/01/2023			8,900.00	8,900.00	191,200.00
05/01/2024	175,000	4.000%	8,900.00	183,900.00	
11/01/2024			5,400.00	5,400.00	189,300.00
05/01/2025	270,000	4.000%	5,400.00	275,400.00	275,400.00
	4,860,000		666,925.12	5,526,925.12	5,526,925.12

Note: Final Numbers

ESCROW REQUIREMENTS

City of Republic, Missouri
2017 Refunding

Period Ending	Principal	Interest	Principal Redeemed	Total
11/01/2017		63,752.50		63,752.50
02/01/2018		22,686.26		22,686.26
05/01/2018	520,000.00	63,752.50	3,005,000.00	3,588,752.50
08/01/2018		22,686.26	1,335,000.00	1,357,686.26
	520,000.00	172,877.52	4,340,000.00	5,032,877.52

Note: Final Numbers

ESCROW DESCRIPTIONS

City of Republic, Missouri
2017 Refunding

	Type of Security	Type of SLGS	Maturity Date	First Int Pmt Date	Par Amount	Rate	Max Rate
Oct 19, 2017:							
	SLGS	Certificate	02/01/2018	02/01/2018	22,620	1.040%	1.040%
	SLGS	Certificate	05/01/2018	05/01/2018	3,565,819	1.210%	1.210%
	SLGS	Certificate	08/01/2018	08/01/2018	1,344,308	1.270%	1.270%
					4,932,747		

SLGS Summary

SLGS Rates File	03OCT17
Total Certificates of Indebtedness	4,932,747.00

Note: Final Numbers

ESCROW COST

City of Republic, Missouri
2017 Refunding

Type of Security	Maturity Date	Par Amount	Rate	Total Cost
SLGS	02/01/2018	22,620	1.040%	22,620.00
SLGS	05/01/2018	3,565,819	1.210%	3,565,819.00
SLGS	08/01/2018	1,344,308	1.270%	1,344,308.00
		4,932,747		4,932,747.00

Purchase Date	Cost of Securities	Cash Deposit	Total Escrow Cost
10/19/2017	4,932,747	63,754.00	4,996,501.00
	4,932,747	63,754.00	4,996,501.00

Note: Final Numbers

ESCROW CASH FLOW

City of Republic, Missouri
2017 Refunding

Date	Principal	Interest	Net Escrow Receipts
02/01/2018	22,620.00	67.67	22,687.67
05/01/2018	3,565,819.00	22,932.61	3,588,751.61
08/01/2018	1,344,308.00	13,377.53	1,357,685.53
	4,932,747.00	36,377.81	4,969,124.81

Escrow Cost Summary

Purchase date	10/19/2017
Purchase cost of securities	4,932,747.00

Note: Final Numbers

PROOF OF COMPOSITE ESCROW YIELD

City of Republic, Missouri
2017 Refunding

All restricted escrows funded by bond proceeds

Date	Security Receipts	PV Factor @	Present Value to 10/19/2017 1.2275123305%
02/01/2018	22,687.67	0.996538682	22,609.14
05/01/2018	3,588,751.61	0.993494529	3,565,405.09
08/01/2018	1,357,685.53	0.990459675	1,344,732.77
	4,969,124.81		4,932,747.00

Escrow Cost Summary

Purchase date	10/19/2017
Purchase cost of securities	4,932,747.00
Target for yield calculation	<u>4,932,747.00</u>

Note: Final Numbers

ESCROW SUFFICIENCY

City of Republic, Missouri
2017 Refunding

Date	Escrow Requirement	Net Escrow Receipts	Excess Receipts	Excess Balance
10/19/2017		63,754.00	63,754.00	63,754.00
11/01/2017	63,752.50		(63,752.50)	1.50
02/01/2018	22,686.26	22,687.67	1.41	2.91
05/01/2018	3,588,752.50	3,588,751.61	(0.89)	2.02
08/01/2018	1,357,686.26	1,357,685.53	(0.73)	1.29
	5,032,877.52	5,032,878.81	1.29	

Note: Final Numbers

BOND PRICINGCity of Republic, Missouri
Series 2010

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Premium (-Discount)
Serial Bond:						
	05/01/2018	420,000	2.000%	1.150%	100.450	1,890.00
	05/01/2019	440,000	2.000%	1.250%	101.135	4,994.00
	05/01/2020	455,000	3.000%	1.400%	103.968	18,054.40
	05/01/2021	485,000	3.000%	1.530%	105.037	24,429.45
	05/01/2022	505,000	3.000%	1.800%	105.201	26,265.05
	05/01/2023	130,000	3.000%	2.000%	105.213	6,776.90
	05/01/2024	135,000	3.000%	2.150%	105.154	6,957.90
	05/01/2025	200,000	3.000%	2.350%	104.463	8,926.00
		2,770,000				98,293.70

Dated Date	10/19/2017	
Delivery Date	10/19/2017	
First Coupon	05/01/2018	
Par Amount	2,770,000.00	
Premium	98,293.70	
Production	2,868,293.70	103.548509%
Underwriter's Discount	(27,700.00)	(1.000000%)
Purchase Price	2,840,593.70	102.548509%
Accrued Interest		
Net Proceeds	2,840,593.70	

Note: Final Numbers

BOND DEBT SERVICE

City of Republic, Missouri
Series 2010

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
05/01/2018	420,000	2.000%	39,733.33	459,733.33	
11/01/2018			33,050.00	33,050.00	492,783.33
05/01/2019	440,000	2.000%	33,050.00	473,050.00	
11/01/2019			28,650.00	28,650.00	501,700.00
05/01/2020	455,000	3.000%	28,650.00	483,650.00	
11/01/2020			21,825.00	21,825.00	505,475.00
05/01/2021	485,000	3.000%	21,825.00	506,825.00	
11/01/2021			14,550.00	14,550.00	521,375.00
05/01/2022	505,000	3.000%	14,550.00	519,550.00	
11/01/2022			6,975.00	6,975.00	526,525.00
05/01/2023	130,000	3.000%	6,975.00	136,975.00	
11/01/2023			5,025.00	5,025.00	142,000.00
05/01/2024	135,000	3.000%	5,025.00	140,025.00	
11/01/2024			3,000.00	3,000.00	143,025.00
05/01/2025	200,000	3.000%	3,000.00	203,000.00	203,000.00
	2,770,000		265,883.33	3,035,883.33	3,035,883.33

Note: Final Numbers

SAVINGS

City of Republic, Missouri
Series 2010

Date	Prior Debt Service	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Savings	Annual Savings	Present Value PV to 10/19/2017 Factor@ 1.7088147%
10/19/2017		63,752.50	(63,752.50)		(63,752.50)		1.000000000
11/01/2017	63,752.50		63,752.50		63,752.50		0.999432976
05/01/2018	583,752.50		583,752.50	459,733.33	124,019.17		0.990966088
11/01/2018	55,562.50		55,562.50	33,050.00	22,512.50	146,531.67	0.982570930
05/01/2019	605,562.50		605,562.50	473,050.00	132,512.50		0.974246892
11/01/2019	46,487.50		46,487.50	28,650.00	17,837.50	150,350.00	0.965993374
05/01/2020	621,487.50		621,487.50	483,650.00	137,837.50		0.957809776
11/01/2020	36,425.00		36,425.00	21,825.00	14,600.00	152,437.50	0.949695508
05/01/2021	651,425.00		651,425.00	506,825.00	144,600.00		0.941649981
11/01/2021	24,893.76		24,893.76	14,550.00	10,343.76	154,943.76	0.933672613
05/01/2022	674,893.76		674,893.76	519,550.00	155,343.76		0.925762828
11/01/2022	12,300.00		12,300.00	6,975.00	5,325.00	160,668.76	0.917920051
05/01/2023	182,300.00		182,300.00	136,975.00	45,325.00		0.910143716
11/01/2023	8,900.00		8,900.00	5,025.00	3,875.00	49,200.00	0.902433260
05/01/2024	183,900.00		183,900.00	140,025.00	43,875.00		0.894788124
11/01/2024	5,400.00		5,400.00	3,000.00	2,400.00	46,275.00	0.887207755
05/01/2025	275,400.00		275,400.00	203,000.00	72,400.00	72,400.00	0.879691605
	4,032,442.52	63,752.50	3,968,690.02	3,035,883.33	932,806.69	932,806.69	881,547.90

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	881,547.90
Less: Prior funds on hand	(769,660.36)
Plus: Refunding funds on hand	(2,624.98)
Net PV Savings	109,262.56

Note: Final Numbers

SAVINGS

City of Republic, Missouri
Series 2010

Date	Prior Debt Service	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Present Value to 10/19/2017 Savings@ 1.7088147%	
11/01/2017	63,752.50	63,752.50			(36.15)	
11/01/2018	639,315.00		639,315.00	492,783.33	146,531.67	
11/01/2019	652,050.00		652,050.00	501,700.00	150,350.00	
11/01/2020	657,912.50		657,912.50	505,475.00	152,437.50	
11/01/2021	676,318.76		676,318.76	521,375.00	154,943.76	
11/01/2022	687,193.76		687,193.76	526,525.00	160,668.76	
11/01/2023	191,200.00		191,200.00	142,000.00	49,200.00	
11/01/2024	189,300.00		189,300.00	143,025.00	46,275.00	
11/01/2025	275,400.00		275,400.00	203,000.00	72,400.00	
	4,032,442.52	63,752.50	3,968,690.02	3,035,883.33	932,806.69	881,547.90

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	881,547.90
Less: Prior funds on hand	(769,660.36)
Plus: Refunding funds on hand	(2,624.98)
Net PV Savings	109,262.56

Note: Final Numbers

PRIOR BOND DEBT SERVICE

City of Republic, Missouri
Series 2010

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
11/01/2017			63,752.50	63,752.50	63,752.50
05/01/2018	520,000	3.150%	63,752.50	583,752.50	
11/01/2018			55,562.50	55,562.50	639,315.00
05/01/2019	550,000	3.300%	55,562.50	605,562.50	
11/01/2019			46,487.50	46,487.50	652,050.00
05/01/2020	575,000	3.500%	46,487.50	621,487.50	
11/01/2020			36,425.00	36,425.00	657,912.50
05/01/2021	615,000	3.750%	36,425.00	651,425.00	
11/01/2021			24,893.76	24,893.76	676,318.76
05/01/2022	650,000	3.875%	24,893.76	674,893.76	
11/01/2022			12,300.00	12,300.00	687,193.76
05/01/2023	170,000	4.000%	12,300.00	182,300.00	
11/01/2023			8,900.00	8,900.00	191,200.00
05/01/2024	175,000	4.000%	8,900.00	183,900.00	
11/01/2024			5,400.00	5,400.00	189,300.00
05/01/2025	270,000	4.000%	5,400.00	275,400.00	275,400.00
	3,525,000		507,442.52	4,032,442.52	4,032,442.52

Note: Final Numbers

ESCROW REQUIREMENTSCity of Republic, Missouri
Series 2010

Period Ending	Principal	Interest	Principal Redeemed	Total
11/01/2017		63,752.50		63,752.50
05/01/2018	520,000.00	63,752.50	3,005,000.00	3,588,752.50
	520,000.00	127,505.00	3,005,000.00	3,652,505.00

Note: Final Numbers

BOND PRICING

City of Republic, Missouri
Series 2011

Bond Component	Maturity Date	Amount	Rate	Yield	Price	Premium (-Discount)
Serial Bond:	05/01/2019	330,000	2.000%	1.250%	101.135	3,745.50
	05/01/2020	340,000	3.000%	1.400%	103.968	13,491.20
	05/01/2021	375,000	3.000%	1.530%	105.037	18,888.75
	05/01/2022	265,000	3.000%	1.800%	105.201	13,782.65
		1,310,000				49,908.10

Dated Date	10/19/2017	
Delivery Date	10/19/2017	
First Coupon	05/01/2018	
Par Amount	1,310,000.00	
Premium	49,908.10	
Production	1,359,908.10	103.809779%
Underwriter's Discount	(13,100.00)	(1.000000%)
Purchase Price	1,346,808.10	102.809779%
Accrued Interest		
Net Proceeds	1,346,808.10	

Note: Final Numbers

BOND DEBT SERVICE

City of Republic, Missouri
Series 2011

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
05/01/2018			19,200	19,200	
11/01/2018			18,000	18,000	37,200
05/01/2019	330,000	2.000%	18,000	348,000	
11/01/2019			14,700	14,700	362,700
05/01/2020	340,000	3.000%	14,700	354,700	
11/01/2020			9,600	9,600	364,300
05/01/2021	375,000	3.000%	9,600	384,600	
11/01/2021			3,975	3,975	388,575
05/01/2022	265,000	3.000%	3,975	268,975	268,975
	1,310,000		111,750	1,421,750	1,421,750

Note: Final Numbers

SAVINGS

City of Republic, Missouri
Series 2011

Date	Prior Debt Service	Refunding Debt Service	Savings	Annual Savings	Present Value PV Factor @ 1.7088147%	to 10/19/2017
02/01/2018	22,686.26		22,686.26		0.995190528	22,577.15
05/01/2018		19,200.00	(19,200.00)		0.990966088	(19,026.55)
08/01/2018	22,686.26		22,686.26		0.986759581	22,385.88
11/01/2018		18,000.00	(18,000.00)	8,172.52	0.982570930	(17,686.28)
02/01/2019	22,686.26		22,686.26		0.978400059	22,196.24
05/01/2019		348,000.00	(348,000.00)		0.974246892	(339,037.92)
08/01/2019	357,686.26		357,686.26		0.970111356	346,995.50
11/01/2019		14,700.00	(14,700.00)	17,672.52	0.965993374	(14,200.10)
02/01/2020	17,493.76		17,493.76		0.961892872	16,827.12
05/01/2020		354,700.00	(354,700.00)		0.957809776	(339,735.13)
08/01/2020	367,493.76		367,493.76		0.953744013	350,494.97
11/01/2020		9,600.00	(9,600.00)	20,687.52	0.949695508	(9,117.08)
02/01/2021	11,718.76		11,718.76		0.945664188	11,082.01
05/01/2021		384,600.00	(384,600.00)		0.941649981	(362,158.58)
08/01/2021	386,718.76		386,718.76		0.937652814	362,607.93
11/01/2021		3,975.00	(3,975.00)	9,862.52	0.933672613	(3,711.35)
02/01/2022	5,156.26		5,156.26		0.929709309	4,793.82
05/01/2022		268,975.00	(268,975.00)		0.925762828	(249,007.06)
08/01/2022	280,156.26		280,156.26	16,337.52	0.921833099	258,257.31
	1,494,482.60	1,421,750.00	72,732.60	72,732.60		64,537.91

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	64,537.91
Plus: Refunding funds on hand	2,624.98
Net PV Savings	<u>67,162.89</u>

Note: Final Numbers

SAVINGS

City of Republic, Missouri
Series 2011

Date	Prior Debt Service	Refunding Debt Service	Savings@	Present Value to 10/19/2017 1.7088147%
11/01/2018	45,372.52	37,200.00	8,172.52	8,250.21
11/01/2019	380,372.52	362,700.00	17,672.52	15,953.72
11/01/2020	384,987.52	364,300.00	20,687.52	18,469.89
11/01/2021	398,437.52	388,575.00	9,862.52	7,820.01
11/01/2022	285,312.52	268,975.00	16,337.52	14,044.08
	1,494,482.60	1,421,750.00	72,732.60	64,537.91

Savings Summary

Dated Date	10/19/2017
Delivery Date	10/19/2017
PV of savings from cash flow	64,537.91
Plus: Refunding funds on hand	2,624.98
Net PV Savings	67,162.89

Note: Final Numbers

PRIOR BOND DEBT SERVICE

City of Republic, Missouri
Series 2011

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
10/19/2017					
02/01/2018			22,686.26	22,686.26	
08/01/2018			22,686.26	22,686.26	45,372.52
02/01/2019			22,686.26	22,686.26	
08/01/2019	335,000	3.100%	22,686.26	357,686.26	380,372.52
02/01/2020			17,493.76	17,493.76	
08/01/2020	350,000	3.300%	17,493.76	367,493.76	384,987.52
02/01/2021			11,718.76	11,718.76	
08/01/2021	375,000	3.500%	11,718.76	386,718.76	398,437.52
02/01/2022			5,156.26	5,156.26	
08/01/2022	275,000	3.750%	5,156.26	280,156.26	285,312.52
	1,335,000		159,482.60	1,494,482.60	1,494,482.60

Note: Final Numbers

ESCROW REQUIREMENTS

City of Republic, Missouri
Series 2011

Period Ending	Interest	Principal Redeemed	Total
02/01/2018	22,686.26		22,686.26
08/01/2018	22,686.26	1,335,000.00	1,357,686.26
	45,372.52	1,335,000.00	1,380,372.52

Note: Final Numbers