SOURCES AND USES OF FUNDS

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
- Preliminary, Subject to Change -

Dated Date	02/01/2017
Delivery Date	02/01/2017

Sources:	
Other Sources of Funds:	
Cash Contribution	2,845,550.38
	2,845,550.38
Uses:	
Refunding Escrow Deposits:	
Cash Deposit	3.38
SLGS Purchases	2,838,547.00
	2,838,550.38
Cost of Issuance:	
Legal	2,000.00
Escrow Agent (One Time Fee)	2,000.00
CPA Verification Report	1,500.00
Analytical Consultation	1,500.00
	7,000.00
	2,845,550.38

SUMMARY OF BONDS REFUNDED

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
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Bond	Maturity Date	Interest Rate	Par Amount	Call Date	Call Price
Series 2011 (Refunding Series 2003), REF03:					
SERIAL	10/01/2017	2.000%	365,000.00		
	10/01/2018	2.000%	370,000.00		
	10/01/2019	2.300%	380,000.00		
	10/01/2020	2.625%	380,000.00	10/01/2019	100.000
	10/01/2021	3.000%	400,000.00	10/01/2019	100.000
	10/01/2022	3.000%	410,000.00	10/01/2019	100.000
	10/01/2023	3.125%	425,000.00	10/01/2019	100.000
			2,730,000.00		

PRIOR BOND DEBT SERVICE

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
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Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
04/01/2017			35,498.13	35,498.13	
10/01/2017	365,000	2.000%	35,498.13	400,498.13	
02/01/2018					435,996.26
04/01/2018			31,848.13	31,848.13	
10/01/2018	370,000	2.000%	31,848.13	401,848.13	
02/01/2019					433,696.26
04/01/2019			28,148.13	28,148.13	
10/01/2019	380,000	2.300%	28,148.13	408,148.13	
02/01/2020					436,296.26
04/01/2020			23,778.13	23,778.13	
10/01/2020	380,000	2.625%	23,778.13	403,778.13	
02/01/2021					427,556.26
04/01/2021			18,790.63	18,790.63	
10/01/2021	400,000	3.000%	18,790.63	418,790.63	
02/01/2022					437,581.26
04/01/2022			12,790.63	12,790.63	
10/01/2022	410,000	3.000%	12,790.63	422,790.63	
02/01/2023					435,581.26
04/01/2023			6,640.63	6,640.63	
10/01/2023	425,000	3.125%	6,640.63	431,640.63	
02/01/2024					438,281.26
	2,730,000		314,988.82	3,044,988.82	3,044,988.82

ESCROW REQUIREMENTS

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
- Preliminary, Subject to Change -

Dated Date	02/01/2017
Delivery Date	02/01/2017

Period Ending	Principal	Interest	Principal Redeemed	Total
04/01/2017		35,498.13		35,498.13
10/01/2017	365,000.00	35,498.13		400,498.13
04/01/2018		31,848.13		31,848.13
10/01/2018	370,000.00	31,848.13		401,848.13
04/01/2019		28,148.13		28,148.13
10/01/2019	380,000.00	28,148.13	1,615,000.00	2,023,148.13
	1,115,000.00	190,988.78	1,615,000.00	2,920,988.78

ESCROW SUFFICIENCY

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
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Date	Escrow Requirement	Net Escrow Receipts	Excess Receipts	Excess Balance
02/01/2017		3.38	3.38	3.38
04/01/2017	35,498.13	35,498.24	0.11	3.49
10/01/2017	400,498.13	400,498.28	0.15	3.64
04/01/2018	31,848.13	31,848.50	0.37	4.01
10/01/2018	401,848.13	401,847.92	(0.21)	3.80
04/01/2019	28,148.13	28,148.19	0.06	3.86
10/01/2019	2,023,148.13	2,023,147.27	(0.86)	3.00
	2,920,988.78	2,920,991.78	3.00	

ESCROW DESCRIPTIONS

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
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	Type of Security	Type of SLGS	Maturity Date	First Int Pmt Date	Par Amount	Rate	Max Rate
Feb 1, 2017:							
	SLGS	Certificate	04/01/2017	04/01/2017	30,291	0.500%	0.500%
	SLGS	Certificate	10/01/2017	10/01/2017	382,785	0.680%	0.680%
	SLGS	Note	04/01/2018	04/01/2017	15,861	0.890%	0.890%
	SLGS	Note	10/01/2018	04/01/2017	385,931	1.070%	1.070%
	SLGS	Note	04/01/2019	04/01/2017	14,296	1.230%	1.230%
	SLGS	Note	10/01/2019	04/01/2017	2,009,383	1.370%	1.370%
					2,838,547		

SLGS Summary

SLGS Rates File	06JAN17
Total Certificates of Indebtedness	413,076.00
Total Notes	2,425,471.00
Total original SLGS	2,838,547.00

ESCROW CASH FLOW

City of Joplin, Missouri
Defeasance of Series 2012 Certificates of Participation
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Date	Principal	Interest	Net Escrow Receipts	PV Factor	Present Value to 02/01/2017 @ 1.3058545%
04/01/2017	30,291.00	5,207.24	35,498.24	0.997833002	35,421.32
10/01/2017	382,785.00	17,713.28	400,498.28	0.991360141	397,038.03
04/01/2018	15,861.00	15,987.50	31,848.50	0.984929269	31,368.52
10/01/2018	385,931.00	15,916.92	401,847.92	0.978540114	393,224.31
04/01/2019	14,296.00	13,852.19	28,148.19	0.972192405	27,365.46
10/01/2019	2,009,383.00	13,764.27	2,023,147.27	0.965885873	1,954,129.37
	2,838,547.00	82,441.40	2,920,988.40		2,838,547.00

Escrow Cost Summary

Purchase date	02/01/2017
Purchase cost of securities	2,838,547.00
Target for yield calculation	2,838,547.00