

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Sources & Uses

Dated 03/09/2017 | Delivered 03/09/2017

Sources Of Funds

Par Amount of Bonds.....	\$5,560,000.00
Reoffering Premium.....	596,510.85
Total Sources.....	\$6,156,510.85

Uses Of Funds

Deposit to Project Construction Fund.....	5,459,049.00
Deposit to Debt Service Fund (Premium).....	558,134.30
Additional Project Funds (Unused Discount & Rounding).....	60,213.25
Costs of Issuance.....	40,737.75
Total Underwriter's Discount (0.690%).....	38,376.55
Total Uses.....	\$6,156,510.85



\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	YTM	Call Date	Call Price	Dollar Price
03/01/2019	Serial Coupon	5.000%	1.180%	600,000.00	107.445%	-	-	-	644,670.00
03/01/2020	Serial Coupon	5.000%	1.360%	365,000.00	110.586%	-	-	-	403,638.90
03/01/2021	Serial Coupon	5.000%	1.530%	380,000.00	113.341%	-	-	-	430,695.80
03/01/2022	Serial Coupon	5.000%	1.730%	335,000.00	115.531%	-	-	-	387,028.85
03/01/2023	Serial Coupon	5.000%	1.910%	320,000.00	117.377%	-	-	-	375,606.40
03/01/2024	Serial Coupon	5.000%	2.100%	280,000.00	118.731%	-	-	-	332,446.80
03/01/2025	Serial Coupon	5.000%	2.280%	335,000.00	119.737%	-	-	-	401,118.95
03/01/2026	Serial Coupon	5.000%	2.430%	370,000.00	120.617%	-	-	-	446,282.90
03/01/2027	Serial Coupon	5.000%	2.540%	405,000.00	121.561%	-	-	-	492,322.05
03/01/2028	Serial Coupon	5.000%	2.650%	405,000.00	120.484%	c 2.818%	03/01/2027	100.000%	487,960.20
03/01/2029	Serial Coupon	3.000%	2.900%	420,000.00	100.860%	c 2.914%	03/01/2027	100.000%	423,612.00
03/01/2030	Serial Coupon	3.000%	3.000%	430,000.00	100.000%	-	-	-	430,000.00
03/01/2031	Serial Coupon	3.000%	3.090%	450,000.00	98.984%	-	-	-	445,428.00
03/01/2032	Serial Coupon	3.000%	3.169%	465,000.00	98.000%	-	-	-	455,700.00
Total	-	-	-	\$5,560,000.00	-	-	-	-	\$6,156,510.85

Bid Information

Par Amount of Bonds.....	\$5,560,000.00
Reoffering Premium or (Discount).....	596,510.85
Gross Production.....	\$6,156,510.85
Total Underwriter's Discount (0.690%).....	\$(38,376.55)
Bid (110.038%).....	6,118,134.30
Total Purchase Price.....	\$6,118,134.30
Bond Year Dollars.....	\$47,666.44
Average Life.....	8.573 Years
Average Coupon.....	3.9986340%
Net Interest Cost (NIC).....	2.8277174%
True Interest Cost (TIC).....	2.6796860%

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
03/01/2018	-	-	237,306.67	237,306.67
09/01/2018	-	-	121,350.00	121,350.00
03/01/2019	600,000.00	5.000%	121,350.00	721,350.00
09/01/2019	-	-	106,350.00	106,350.00
03/01/2020	365,000.00	5.000%	106,350.00	471,350.00
09/01/2020	-	-	97,225.00	97,225.00
03/01/2021	380,000.00	5.000%	97,225.00	477,225.00
09/01/2021	-	-	87,725.00	87,725.00
03/01/2022	335,000.00	5.000%	87,725.00	422,725.00
09/01/2022	-	-	79,350.00	79,350.00
03/01/2023	320,000.00	5.000%	79,350.00	399,350.00
09/01/2023	-	-	71,350.00	71,350.00
03/01/2024	280,000.00	5.000%	71,350.00	351,350.00
09/01/2024	-	-	64,350.00	64,350.00
03/01/2025	335,000.00	5.000%	64,350.00	399,350.00
09/01/2025	-	-	55,975.00	55,975.00
03/01/2026	370,000.00	5.000%	55,975.00	425,975.00
09/01/2026	-	-	46,725.00	46,725.00
03/01/2027	405,000.00	5.000%	46,725.00	451,725.00
09/01/2027	-	-	36,600.00	36,600.00
03/01/2028	405,000.00	5.000%	36,600.00	441,600.00
09/01/2028	-	-	26,475.00	26,475.00
03/01/2029	420,000.00	3.000%	26,475.00	446,475.00
09/01/2029	-	-	20,175.00	20,175.00
03/01/2030	430,000.00	3.000%	20,175.00	450,175.00
09/01/2030	-	-	13,725.00	13,725.00
03/01/2031	450,000.00	3.000%	13,725.00	463,725.00
09/01/2031	-	-	6,975.00	6,975.00
03/01/2032	465,000.00	3.000%	6,975.00	471,975.00
Total	\$5,560,000.00	-	\$1,906,006.67	\$7,466,006.67

Yield Statistics

Bond Year Dollars.....	\$47,666.44
Average Life.....	8.573 Years
Average Coupon.....	3.9986340%
Net Interest Cost (NIC).....	2.8277174%
True Interest Cost (TIC).....	2.6796860%
Bond Yield for Arbitrage Purposes.....	2.5752580%
All Inclusive Cost (AIC).....	2.7734292%

IRS Form 8038

Net Interest Cost.....	2.5249009%
Weighted Average Maturity.....	8.424 Years

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Post-Sale Tax Levies -- Accrual Basis

Calendar Year	Principal	Coupon	Interest	Total P+I	Levy Amount	Levy/Collect Year
2018	-	-	358,656.67 *	358,656.67	358,656.67	2017/2018
2019	600,000.00	5.000%	227,700.00 *	827,700.00	827,700.00	2018/2019
2020	365,000.00	5.000%	203,575.00	568,575.00	568,575.00	2019/2020
2021	380,000.00	5.000%	184,950.00	564,950.00	564,950.00	2020/2021
2022	335,000.00	5.000%	167,075.00	502,075.00	502,075.00	2021/2022
2023	320,000.00	5.000%	150,700.00	470,700.00	470,700.00	2022/2023
2024	280,000.00	5.000%	135,700.00	415,700.00	415,700.00	2023/2024
2025	335,000.00	5.000%	120,325.00	455,325.00	455,325.00	2024/2025
2026	370,000.00	5.000%	102,700.00	472,700.00	472,700.00	2025/2026
2027	405,000.00	5.000%	83,325.00	488,325.00	488,325.00	2026/2027
2028	405,000.00	5.000%	63,075.00	468,075.00	468,075.00	2027/2028
2029	420,000.00	3.000%	46,650.00	466,650.00	466,650.00	2028/2029
2030	430,000.00	3.000%	33,900.00	463,900.00	463,900.00	2029/2030
2031	450,000.00	3.000%	20,700.00	470,700.00	470,700.00	2030/2031
2032	465,000.00	3.000%	6,975.00	471,975.00	471,975.00	2031/2032
-	\$5,560,000.00	-	\$1,906,006.67	\$7,466,006.67	\$7,466,006.67	-

* To be paid in full or in part by a deposit of premium to the debt service fund in the amount of \$558,134.30.

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Settlement Report

Dated 03/09/2017 | Delivered 03/09/2017

Price.....	\$6,118,134.30
Total Purchase Price.....	\$6,118,134.30
Good Faith Deposit.....	(55,600.00)
Due at Closing.....	\$6,062,534.30

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Derivation Of Form 8038 Yield Statistics

Maturity	Issuance Value	Price	Issuance Price	Exponent	Bond Years
03/09/2017	-	-	-	-	-
03/01/2019	600,000.00	107.445%	644,670.00	1.9777778x	1,275,014.00
03/01/2020	365,000.00	110.586%	403,638.90	2.9777778x	1,201,946.95
03/01/2021	380,000.00	113.341%	430,695.80	3.9777778x	1,713,212.18
03/01/2022	335,000.00	115.531%	387,028.85	4.9777778x	1,926,543.61
03/01/2023	320,000.00	117.377%	375,606.40	5.9777778x	2,245,291.59
03/01/2024	280,000.00	118.731%	332,446.80	6.9777778x	2,319,739.89
03/01/2025	335,000.00	119.737%	401,118.95	7.9777778x	3,200,037.85
03/01/2026	370,000.00	120.617%	446,282.90	8.9777778x	4,006,628.70
03/01/2027	405,000.00	121.561%	492,322.05	9.9777778x	4,912,280.01
03/01/2028	405,000.00	120.484%	487,960.20	10.9777778x	5,356,718.64
03/01/2029	420,000.00	100.860%	423,612.00	11.9777778x	5,073,930.40
03/01/2030	430,000.00	100.000%	430,000.00	12.9777778x	5,580,444.44
03/01/2031	450,000.00	98.984%	445,428.00	13.9777778x	6,226,093.60
03/01/2032	465,000.00	98.000%	455,700.00	14.9777778x	6,825,373.33
Total	\$5,560,000.00	-	\$6,156,510.85	-	\$51,863,255.20

IRS Form 8038

Weighted Average Maturity = Bond Years/Issue Price.....	8.424 Years
Total Interest from Debt Service.....	1,906,006.67
Reoffering (Premium) or Discount.....	(596,510.85)
Total Interest.....	1,309,495.82
NIC = Interest / (Issue Price * Average Maturity).....	2.5249009%
Bond Yield for Arbitrage Purposes.....	2.5752580%

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Proof Of Bond Yield @ 2.5752580%

Date	Cashflow	PV Factor	Present Value	Cumulative PV
03/09/2017	-	1.0000000x	-	-
03/01/2018	237,306.67	0.9752908x	231,443.02	231,443.02
09/01/2018	121,350.00	0.9628923x	116,846.99	348,290.00
03/01/2019	721,350.00	0.9506515x	685,752.45	1,034,042.45
09/01/2019	106,350.00	0.9385662x	99,816.52	1,133,858.97
03/01/2020	471,350.00	0.9266346x	436,769.23	1,570,628.20
09/01/2020	97,225.00	0.9148547x	88,946.75	1,659,574.95
03/01/2021	477,225.00	0.9032245x	431,041.31	2,090,616.26
09/01/2021	87,725.00	0.8917422x	78,228.08	2,168,844.34
03/01/2022	422,725.00	0.8804058x	372,169.55	2,541,013.89
09/01/2022	79,350.00	0.8692136x	68,972.10	2,609,985.98
03/01/2023	399,350.00	0.8581636x	342,707.63	2,952,693.62
09/01/2023	71,350.00	0.8472541x	60,451.58	3,013,145.20
03/01/2024	351,350.00	0.8364833x	293,898.41	3,307,043.61
09/01/2024	64,350.00	0.8258494x	53,143.41	3,360,187.02
03/01/2025	399,350.00	0.8153507x	325,610.32	3,685,797.34
09/01/2025	55,975.00	0.8049855x	45,059.06	3,730,856.41
03/01/2026	425,975.00	0.7947521x	338,544.51	4,069,400.91
09/01/2026	46,725.00	0.7846487x	36,662.71	4,106,063.62
03/01/2027	856,725.00	0.7746738x	663,682.38	4,769,746.01
09/01/2027	26,475.00	0.7648257x	20,248.76	4,789,994.77
03/01/2028	26,475.00	0.7551027x	19,991.34	4,809,986.11
09/01/2028	26,475.00	0.7455034x	19,737.20	4,829,723.32
03/01/2029	446,475.00	0.7360261x	328,617.26	5,158,340.58
09/01/2029	20,175.00	0.7266693x	14,660.55	5,173,001.13
03/01/2030	450,175.00	0.7174315x	322,969.71	5,495,970.84
09/01/2030	13,725.00	0.7083110x	9,721.57	5,505,692.41
03/01/2031	463,725.00	0.6993066x	324,285.94	5,829,978.35
09/01/2031	6,975.00	0.6904166x	4,815.66	5,834,794.01
03/01/2032	471,975.00	0.6816396x	321,716.84	6,156,510.85
Total	\$7,445,756.67	-	\$6,156,510.85	-

Derivation Of Target Amount

Par Amount of Bonds.....	\$5,560,000.00
Reoffering Premium or (Discount).....	596,510.85
Original Issue Proceeds.....	\$6,156,510.85

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Proof of D/S for Arbitrage Purposes

Date	Principal	Interest	Total
03/09/2017	-	-	-
03/01/2018	-	237,306.67	237,306.67
09/01/2018	-	121,350.00	121,350.00
03/01/2019	600,000.00	121,350.00	721,350.00
09/01/2019	-	106,350.00	106,350.00
03/01/2020	365,000.00	106,350.00	471,350.00
09/01/2020	-	97,225.00	97,225.00
03/01/2021	380,000.00	97,225.00	477,225.00
09/01/2021	-	87,725.00	87,725.00
03/01/2022	335,000.00	87,725.00	422,725.00
09/01/2022	-	79,350.00	79,350.00
03/01/2023	320,000.00	79,350.00	399,350.00
09/01/2023	-	71,350.00	71,350.00
03/01/2024	280,000.00	71,350.00	351,350.00
09/01/2024	-	64,350.00	64,350.00
03/01/2025	335,000.00	64,350.00	399,350.00
09/01/2025	-	55,975.00	55,975.00
03/01/2026	370,000.00	55,975.00	425,975.00
09/01/2026	-	46,725.00	46,725.00
03/01/2027	810,000.00	46,725.00	856,725.00
09/01/2027	-	26,475.00	26,475.00
03/01/2028	-	26,475.00	26,475.00
09/01/2028	-	26,475.00	26,475.00
03/01/2029	420,000.00	26,475.00	446,475.00
09/01/2029	-	20,175.00	20,175.00
03/01/2030	430,000.00	20,175.00	450,175.00
09/01/2030	-	13,725.00	13,725.00
03/01/2031	450,000.00	13,725.00	463,725.00
09/01/2031	-	6,975.00	6,975.00
03/01/2032	465,000.00	6,975.00	471,975.00
Total	\$5,560,000.00	\$1,885,756.67	\$7,445,756.67

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Proof of Premium/5Yr Call Bond Selection of Call Dates/Prices

Maturity	Call Date	Call Price	PV at Bond Yield	Lowest?
03/01/2028	-	-	498,267.65	No
03/01/2028	03/01/2027	100.000%	490,804.64	Yes

\$5,560,000

City of La Crosse, Wisconsin
General Obligation Corporate Purpose Bonds, Series 2017-A

Bond Balance Report

Date	Principal	Coupon	Interest	Total P+I	Bond Balance
03/01/2018	-	-	237,306.67	237,306.67	5,560,000.00
09/01/2018	-	-	121,350.00	121,350.00	5,560,000.00
03/01/2019	600,000.00	5.000%	121,350.00	721,350.00	4,960,000.00
09/01/2019	-	-	106,350.00	106,350.00	4,960,000.00
03/01/2020	365,000.00	5.000%	106,350.00	471,350.00	4,595,000.00
09/01/2020	-	-	97,225.00	97,225.00	4,595,000.00
03/01/2021	380,000.00	5.000%	97,225.00	477,225.00	4,215,000.00
09/01/2021	-	-	87,725.00	87,725.00	4,215,000.00
03/01/2022	335,000.00	5.000%	87,725.00	422,725.00	3,880,000.00
09/01/2022	-	-	79,350.00	79,350.00	3,880,000.00
03/01/2023	320,000.00	5.000%	79,350.00	399,350.00	3,560,000.00
09/01/2023	-	-	71,350.00	71,350.00	3,560,000.00
03/01/2024	280,000.00	5.000%	71,350.00	351,350.00	3,280,000.00
09/01/2024	-	-	64,350.00	64,350.00	3,280,000.00
03/01/2025	335,000.00	5.000%	64,350.00	399,350.00	2,945,000.00
09/01/2025	-	-	55,975.00	55,975.00	2,945,000.00
03/01/2026	370,000.00	5.000%	55,975.00	425,975.00	2,575,000.00
09/01/2026	-	-	46,725.00	46,725.00	2,575,000.00
03/01/2027	405,000.00	5.000%	46,725.00	451,725.00	2,170,000.00
09/01/2027	-	-	36,600.00	36,600.00	2,170,000.00
03/01/2028	405,000.00	5.000%	36,600.00	441,600.00	1,765,000.00
09/01/2028	-	-	26,475.00	26,475.00	1,765,000.00
03/01/2029	420,000.00	3.000%	26,475.00	446,475.00	1,345,000.00
09/01/2029	-	-	20,175.00	20,175.00	1,345,000.00
03/01/2030	430,000.00	3.000%	20,175.00	450,175.00	915,000.00
09/01/2030	-	-	13,725.00	13,725.00	915,000.00
03/01/2031	450,000.00	3.000%	13,725.00	463,725.00	465,000.00
09/01/2031	-	-	6,975.00	6,975.00	465,000.00
03/01/2032	465,000.00	3.000%	6,975.00	471,975.00	-
Total	\$5,560,000.00	-	\$1,906,006.67	\$7,466,006.67	-