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**\$6,160,000**

City of La Crosse, Wisconsin  
General Obligation Corporate Purpose Bonds, Series 2019-A

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**Sources & Uses**

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**Dated 09/05/2019 | Delivered 09/05/2019**

**Sources Of Funds**

Par Amount of Bonds.....	\$6,160,000.00
Reoffering Premium.....	690,262.10
<b>Total Sources.....</b>	<b>\$6,850,262.10</b>

**Uses Of Funds**

Deposit to Project Construction Fund.....	\$6,120,838.00
Deposit to Debt Service Fund (Premium).....	646,218.10
Total Underwriter's Discount (0.715%).....	44,044.00
Costs of Issuance.....	39,162.00
<b>Total Uses.....</b>	<b>\$6,850,262.10</b>

**\$6,160,000**

**City of La Crosse, Wisconsin  
General Obligation Corporate Purpose Bonds, Series 2019-A**

**Pricing Summary**

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	YTM	Call Date	Call Price	Dollar Price
03/01/2020	Serial Coupon	5.000%	1.000%	320,000.00	101.945%	-	-	-	326,224.00
03/01/2021	Serial Coupon	5.000%	1.020%	325,000.00	105.866%	-	-	-	344,064.50
03/01/2022	Serial Coupon	5.000%	1.040%	340,000.00	109.704%	-	-	-	372,993.60
03/01/2023	Serial Coupon	5.000%	1.060%	355,000.00	113.460%	-	-	-	402,783.00
03/01/2024	Serial Coupon	5.000%	1.070%	365,000.00	117.179%	-	-	-	427,703.35
03/01/2025	Serial Coupon	5.000%	1.120%	380,000.00	120.599%	-	-	-	458,276.20
03/01/2026	Serial Coupon	5.000%	1.210%	395,000.00	123.583%	-	-	-	488,152.85
03/01/2027	Serial Coupon	5.000%	1.300%	415,000.00	126.321%	-	-	-	524,232.15
03/01/2028	Serial Coupon	5.000%	1.400%	430,000.00	125.510%	c 1.753%	03/01/2027	100.000%	539,693.00
03/01/2029	Serial Coupon	4.000%	1.600%	445,000.00	116.874%	c 2.035%	03/01/2027	100.000%	520,089.30
03/01/2030	Serial Coupon	4.000%	1.700%	455,000.00	116.108%	c 2.266%	03/01/2027	100.000%	528,291.40
03/01/2031	Serial Coupon	2.000%	2.000%	465,000.00	100.000%	-	-	-	465,000.00
03/01/2032	Serial Coupon	2.000%	2.100%	475,000.00	98.906%	-	-	-	469,803.50
03/01/2033	Serial Coupon	2.125%	2.200%	490,000.00	99.128%	-	-	-	485,727.20
03/01/2034	Serial Coupon	2.125%	2.250%	505,000.00	98.461%	-	-	-	497,228.05
<b>Total</b>	-	-	-	<b>\$6,160,000.00</b>	-	-	-	-	<b>\$6,850,262.10</b>

**Bid Information**

Par Amount of Bonds.....	\$6,160,000.00
Reoffering Premium or (Discount).....	690,262.10
Gross Production.....	\$6,850,262.10
Total Underwriter's Discount (0.715%).....	\$(44,044.00)
Bid (110.491%).....	6,806,218.10
Total Purchase Price.....	\$6,806,218.10
Bond Year Dollars.....	\$49,966.56
Average Life.....	8.111 Years
Average Coupon.....	3.3417469%
Net Interest Cost (NIC).....	2.0484456%
True Interest Cost (TIC).....	1.9461120%

**\$646,218.10**

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Debt Service Schedule**

<b>Date</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Total P+I</b>
03/01/2020	320,000.00	5.000%	118,405.83	438,405.83
09/01/2020	-	-	113,096.88	113,096.88
03/01/2021	325,000.00	5.000%	113,096.88	438,096.88
09/01/2021	-	-	104,971.88	104,971.88
03/01/2022	340,000.00	5.000%	104,971.88	444,971.88
09/01/2022	-	-	96,471.88	96,471.88
03/01/2023	355,000.00	5.000%	96,471.88	451,471.88
09/01/2023	-	-	87,596.88	87,596.88
03/01/2024	365,000.00	5.000%	87,596.88	452,596.88
09/01/2024	-	-	78,471.88	78,471.88
03/01/2025	380,000.00	5.000%	78,471.88	458,471.88
09/01/2025	-	-	68,971.88	68,971.88
03/01/2026	395,000.00	5.000%	68,971.88	463,971.88
09/01/2026	-	-	59,096.88	59,096.88
03/01/2027	415,000.00	5.000%	59,096.88	474,096.88
09/01/2027	-	-	48,721.88	48,721.88
03/01/2028	430,000.00	5.000%	48,721.88	478,721.88
09/01/2028	-	-	37,971.88	37,971.88
03/01/2029	445,000.00	4.000%	37,971.88	482,971.88
09/01/2029	-	-	29,071.88	29,071.88
03/01/2030	455,000.00	4.000%	29,071.88	484,071.88
09/01/2030	-	-	19,971.88	19,971.88
03/01/2031	465,000.00	2.000%	19,971.88	484,971.88
09/01/2031	-	-	15,321.88	15,321.88
03/01/2032	475,000.00	2.000%	15,321.88	490,321.88
09/01/2032	-	-	10,571.88	10,571.88
03/01/2033	490,000.00	2.125%	10,571.88	500,571.88
09/01/2033	-	-	5,365.63	5,365.63
03/01/2034	505,000.00	2.125%	5,365.63	510,365.63
<b>Total</b>	<b>\$6,160,000.00</b>	<b>-</b>	<b>\$1,669,755.83</b>	<b>\$7,829,755.83</b>

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Debt Service Schedule**

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**SIGNIFICANT DATES**

Dated Date.....	9/05/2019
Delivery Date.....	9/05/2019
First Coupon Date.....	3/01/2020

**Yield Statistics**

Bond Year Dollars.....	\$49,966.56
Average Life.....	8.111 Years
Average Coupon.....	3.3417469%

Net Interest Cost (NIC).....	2.0484456%
True Interest Cost (TIC).....	1.9461120%
Bond Yield for Arbitrage Purposes.....	1.7384076%
All Inclusive Cost (AIC).....	2.0288011%

**IRS Form 8038**

Net Interest Cost.....	1.7953353%
Weighted Average Maturity.....	7.964 Years

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Post-Sale Tax Levies -- Accrual Basis**

<b>Calendar Year</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Total P+I</b>	<b>Premium</b>	<b>Levy Amount</b>	<b>Levy/Collection Year</b>
2020	320,000.00	5.000%	231,502.71	551,502.71	(231,502.71)	320,000.00	2019/2020
2021	325,000.00	5.000%	218,068.75	543,068.75	(218,068.75)	325,000.00	2020/2021
2022	340,000.00	5.000%	201,443.75	541,443.75	(196,646.64)	344,797.11	2021/2022
2023	355,000.00	5.000%	184,068.75	539,068.75		539,068.75	2022/2023
2024	365,000.00	5.000%	166,068.75	531,068.75		531,068.75	2023/2024
2025	380,000.00	5.000%	147,443.75	527,443.75		527,443.75	2024/2025
2026	395,000.00	5.000%	128,068.75	523,068.75		523,068.75	2025/2026
2027	415,000.00	5.000%	107,818.75	522,818.75		522,818.75	2026/2027
2028	430,000.00	5.000%	86,693.75	516,693.75		516,693.75	2027/2028
2029	445,000.00	4.000%	67,043.75	512,043.75		512,043.75	2028/2029
2030	455,000.00	4.000%	49,043.75	504,043.75		504,043.75	2029/2030
2031	465,000.00	2.000%	35,293.75	500,293.75		500,293.75	2030/2031
2032	475,000.00	2.000%	25,893.75	500,893.75		500,893.75	2031/2032
2033	490,000.00	2.125%	15,937.50	505,937.50		505,937.50	2032/2033
2034	505,000.00	2.125%	5,365.63	510,365.63		510,365.63	2033/2034
-	\$6,160,000.00	-	\$1,669,755.83	\$7,829,755.83	(646,218.10)	\$7,183,537.74	-

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Bond Balance Report**

<b>Date</b>	<b>Principal</b>	<b>Coupon</b>	<b>Interest</b>	<b>Total P+I</b>	<b>Bond Balance</b>
03/01/2020	320,000.00	5.000%	118,405.83	438,405.83	5,840,000.00
09/01/2020	-	-	113,096.88	113,096.88	5,840,000.00
03/01/2021	325,000.00	5.000%	113,096.88	438,096.88	5,515,000.00
09/01/2021	-	-	104,971.88	104,971.88	5,515,000.00
03/01/2022	340,000.00	5.000%	104,971.88	444,971.88	5,175,000.00
09/01/2022	-	-	96,471.88	96,471.88	5,175,000.00
03/01/2023	355,000.00	5.000%	96,471.88	451,471.88	4,820,000.00
09/01/2023	-	-	87,596.88	87,596.88	4,820,000.00
03/01/2024	365,000.00	5.000%	87,596.88	452,596.88	4,455,000.00
09/01/2024	-	-	78,471.88	78,471.88	4,455,000.00
03/01/2025	380,000.00	5.000%	78,471.88	458,471.88	4,075,000.00
09/01/2025	-	-	68,971.88	68,971.88	4,075,000.00
03/01/2026	395,000.00	5.000%	68,971.88	463,971.88	3,680,000.00
09/01/2026	-	-	59,096.88	59,096.88	3,680,000.00
03/01/2027	415,000.00	5.000%	59,096.88	474,096.88	3,265,000.00
09/01/2027	-	-	48,721.88	48,721.88	3,265,000.00
03/01/2028	430,000.00	5.000%	48,721.88	478,721.88	2,835,000.00
09/01/2028	-	-	37,971.88	37,971.88	2,835,000.00
03/01/2029	445,000.00	4.000%	37,971.88	482,971.88	2,390,000.00
09/01/2029	-	-	29,071.88	29,071.88	2,390,000.00
03/01/2030	455,000.00	4.000%	29,071.88	484,071.88	1,935,000.00
09/01/2030	-	-	19,971.88	19,971.88	1,935,000.00
03/01/2031	465,000.00	2.000%	19,971.88	484,971.88	1,470,000.00
09/01/2031	-	-	15,321.88	15,321.88	1,470,000.00
03/01/2032	475,000.00	2.000%	15,321.88	490,321.88	995,000.00
09/01/2032	-	-	10,571.88	10,571.88	995,000.00
03/01/2033	490,000.00	2.125%	10,571.88	500,571.88	505,000.00
09/01/2033	-	-	5,365.63	5,365.63	505,000.00
03/01/2034	505,000.00	2.125%	5,365.63	510,365.63	-
<b>Total</b>	<b>\$6,160,000.00</b>	<b>-</b>	<b>\$1,669,755.83</b>	<b>\$7,829,755.83</b>	<b>-</b>

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Settlement Report**

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**Dated 09/05/2019 | Delivered 09/05/2019**

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Price.....	\$6,806,218.10
Total Purchase Price.....	\$6,806,218.10
Good Faith Deposit.....	(61,600.00)
Due at Closing.....	\$6,744,618.10

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**\$6,160,000**

**City of La Crosse, Wisconsin  
General Obligation Corporate Purpose Bonds, Series 2019-A**

**Derivation Of Form 8038 Yield Statistics**

Maturity	Issuance Value	Coupon	Price	Issuance Price	Exponent	Bond Years
09/05/2019	-	-	-	-	-	-
03/01/2020	320,000.00	5.000%	101.945%	326,224.00	0.4888889x	159,487.29
03/01/2021	325,000.00	5.000%	105.866%	344,064.50	1.4888889x	512,273.81
03/01/2022	340,000.00	5.000%	109.704%	372,993.60	2.4888889x	928,339.63
03/01/2023	355,000.00	5.000%	113.460%	402,783.00	3.4888889x	1,405,265.13
03/01/2024	365,000.00	5.000%	117.179%	427,703.35	4.4888889x	1,919,912.82
03/01/2025	380,000.00	5.000%	120.599%	458,276.20	5.4888889x	2,515,427.14
03/01/2026	395,000.00	5.000%	123.583%	488,152.85	6.4888889x	3,167,569.60
03/01/2027	415,000.00	5.000%	126.321%	524,232.15	7.4888889x	3,925,916.32
03/01/2028	430,000.00	5.000%	125.510%	539,693.00	8.4888889x	4,581,393.91
03/01/2029	445,000.00	4.000%	116.874%	520,089.30	9.4888889x	4,935,069.58
03/01/2030	455,000.00	4.000%	116.108%	528,291.40	10.4888889x	5,541,189.80
03/01/2031	465,000.00	2.000%	100.000%	465,000.00	11.4888889x	5,342,333.33
03/01/2032	475,000.00	2.000%	98.906%	469,803.50	12.4888889x	5,867,323.71
03/01/2033	490,000.00	2.125%	99.128%	485,727.20	13.4888889x	6,551,920.23
03/01/2034	505,000.00	2.125%	98.461%	497,228.05	14.4888889x	7,204,281.97
<b>Total</b>	<b>\$6,160,000.00</b>	<b>-</b>	<b>-</b>	<b>\$6,850,262.10</b>	<b>-</b>	<b>\$54,557,704.28</b>

**Description of Bonds**

Final Maturity Date.....	3/01/2034
Issue price of entire issue.....	6,850,262.10
Stated Redemption at Maturity.....	6,160,000.00
Weighted Average Maturity = Bond Years/Issue Price.....	7.964 Years
Bond Yield for Arbitrage Purposes.....	1.7384076%

**Uses of Proceeds of Issue**

Proceeds used for accrued interest.....	-
Proceeds used for bond issuance costs (including underwriters' discount).....	83,206.00
Proceeds used for credit enhancement.....	-
Proceeds allocated to reasonably required reserve or replacement fund.....	-



**\$6,160,000**

**City of La Crosse, Wisconsin  
General Obligation Corporate Purpose Bonds, Series 2019-A**

**Proof of Bond Yield @ 1.7384076%**

Date	Cashflow	PV Factor	Present Value	Cumulative PV
09/05/2019	-	1.0000000x	-	-
03/01/2020	438,405.83	0.9915735x	434,711.63	434,711.63
09/01/2020	113,096.88	0.9830290x	111,177.51	545,889.14
03/01/2021	438,096.88	0.9745581x	426,950.87	972,840.01
09/01/2021	104,971.88	0.9661602x	101,419.65	1,074,259.66
03/01/2022	444,971.88	0.9578347x	426,209.50	1,500,469.15
09/01/2022	96,471.88	0.9495809x	91,607.85	1,592,077.00
03/01/2023	451,471.88	0.9413982x	425,014.82	2,017,091.82
09/01/2023	87,596.88	0.9332861x	81,752.94	2,098,844.77
03/01/2024	452,596.88	0.9252438x	418,762.46	2,517,607.22
09/01/2024	78,471.88	0.9172709x	71,979.96	2,589,587.19
03/01/2025	458,471.88	0.9093666x	416,919.02	3,006,506.20
09/01/2025	68,971.88	0.9015305x	62,180.25	3,068,686.45
03/01/2026	463,971.88	0.8937619x	414,680.37	3,483,366.82
09/01/2026	59,096.88	0.8860602x	52,363.39	3,535,730.21
03/01/2027	1,804,096.88	0.8784249x	1,584,763.60	5,120,493.81
09/01/2027	19,971.88	0.8708554x	17,392.61	5,137,886.42
03/01/2028	19,971.88	0.8633511x	17,242.74	5,155,129.16
09/01/2028	19,971.88	0.8559115x	17,094.16	5,172,223.32
03/01/2029	19,971.88	0.8485360x	16,946.85	5,189,170.17
09/01/2029	19,971.88	0.8412240x	16,800.82	5,205,971.00
03/01/2030	19,971.88	0.8339751x	16,656.05	5,222,627.04
09/01/2030	19,971.88	0.8267886x	16,512.52	5,239,139.56
03/01/2031	484,971.88	0.8196641x	397,514.01	5,636,653.57
09/01/2031	15,321.88	0.8126009x	12,450.57	5,649,104.14
03/01/2032	490,321.88	0.8055986x	395,002.62	6,044,106.76
09/01/2032	10,571.88	0.7986567x	8,443.30	6,052,550.06
03/01/2033	500,571.88	0.7917745x	396,340.06	6,448,890.12
09/01/2033	5,365.63	0.7849517x	4,211.76	6,453,101.87
03/01/2034	510,365.63	0.7781877x	397,160.23	6,850,262.10
<b>Total</b>	<b>\$7,718,055.83</b>	<b>-</b>	<b>\$6,850,262.10</b>	<b>-</b>

**Derivation Of Target Amount**

Par Amount of Bonds.....	\$6,160,000.00
Reoffering Premium or (Discount).....	690,262.10
Original Issue Proceeds.....	\$6,850,262.10

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Detail Costs Of Issuance**

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**Dated 09/05/2019 | Delivered 09/05/2019**

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**COSTS OF ISSUANCE DETAIL**

Financial Advisor.....	\$16,660.00
Misc MA Expenses.....	\$192.00
Bond Counsel.....	\$6,160.00
Rating Agency Fee.....	\$13,000.00
POS/Official Statement.....	\$650.00
Registrar.....	\$2,000.00
Miscellaneous.....	\$500.00
<b>TOTAL.....</b>	<b>\$39,162.00</b>

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**\$6,160,000**

**City of La Crosse, Wisconsin**  
**General Obligation Corporate Purpose Bonds, Series 2019-A**

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**Disclosure**

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