

Loop Capital Markets LLC

Bid Contact **Loop Capital LLC**
joyce.davis@loopcapital.com
Ph 312-913-2264

Address **12100 Wilshire Boulevard**
Suite 605
Los Angeles, CA 90025

Qualifications **MBE**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs	
GEN2126726Q1-01-01	Library of Bond Underwriters	Supplier Product Code:	First Offer -	1 / contract	Y	Y
Supplier Total					\$0.00	

Loop Capital Markets LLC

Item: **Library of Bond Underwriters**

Attachments

Loop Capital Markets Response to Broward County RFP GEN2126726Q1.pdf

Completed Broward County Forms.pdf

Loop Capital Markets_2021 Financials.pdf

Loop Capital Markets_2022 Financials.pdf

June 2023 FOCUS Report_public.pdf

2023 LOOP CAPITAL MARKETS 2023 FL AR.pdf

Certificate of Registration - BD A5139 08-08-2023.pdf

LCM SEC Registration.pdf

Evidence of Current Professional Liability Errors and Omissions Insurance.pdf

Vendor_Reference_Verification_Form_GEN2126726Q1 - DFW.pdf

Vendor_Reference_Verification_Form_GEN2126726Q1 - Houston.pdf

Vendor_Reference_Verification_Form_GEN2126726Q1 - NYC- TM Completed.pdf



Broward County Board of County Commissioners

Response to Request for Qualifications: Library of Bond Underwriters (GEN2126726Q1)

August 15, 2023

Loop Capital Markets

201 S. Biscayne Blvd.

Suite 2831

Miami, FL 33131

Primary Contacts:

Ray Lawson

Senior Vice President

Ray.Lawson@loopcapital.com

Ira Smelkinson

Managing Director and Head of Transportation

Ira.Smelkinson@loopcapital.com





201 S. Biscayne Blvd.
Suite 2831
Miami, FL 33131
T 786.837.8752 F 786.513.2698

August 15, 2023

Dazarene Lescott, *Purchasing Agent*
Broward County Board of County Commissioners

Latoya Clark-Forbes, *Purchasing Agent*

Dear Ms. Lescott and Ms. Clark-Forbes,

Loop Capital Markets LLC ("Loop Capital Markets", "Loop" or the "Firm") is pleased to present its credentials to the Broward County Board of County Commissioners (the "County") to serve as a Senior, Co-Senior, or Co-Managing underwriter in the County's library of bond underwriters. We are confident that the Firm's experience in underwriting complex transactions, exceptional quantitative capabilities, extensive state and local financing experience across a variety of credits, and strong sales and distribution capabilities demonstrate that the Firm is highly qualified to serve as an underwriter for any type of financing executed by the County.

Firm Overview. Loop Capital Markets is the largest minority-owned investment bank in the nation in terms of headcount, revenue, and capital. The Firm has developed a strong national presence helping to structure, market, price and distribute some of the most innovative, dynamic, and challenging municipal bond transactions. Since its inception in 1997, Loop Capital Markets has participated in over \$1.6 trillion of municipal bond transactions for issuers across the country and has senior managed over \$136 billion in financings. Notably, in 2022, for all negotiated municipal transactions, the Firm ranked as 1st among co-managers and 16th among senior managers for negotiated municipal underwriting.

State and Local Experience Across Sectors. Over the past five years, Loop has served as an underwriter on over \$433.3 billion of municipal bond financings (both competitive and negotiated offerings) for issuers nationwide, including \$51.0 billion as senior manager, and over \$382.3 billion as co-manager. This experience includes senior and/or co-senior managed transactions for the States of California, Connecticut, Illinois, Ohio, Oregon and New York; Cities of San Antonio, Atlanta, Chicago, Cleveland, New York and Philadelphia; Dallas Fort Worth International Airport, Hartsfield-Jackson Atlanta International Airport, Los Angeles International Airport, Cleveland Hopkins International Airport, O'Hare International Airport, and St. Louis Lambert International Airport; Pennsylvania Turnpike Commission; New York City Municipal Water Finance Authority, San Diego County Water Authority and Ohio Water Development Authority – among others. A summary of the Firm's experience with credits similar to the County is provided in the above table.

Loop's Relevant Transaction Underwriting Experience Since Aug. 2018	
Type of Debt	Par \$MM
Airport	\$24,993.47
Port	5,123.03
Water and Sewer	35,535.47
Convention Center/Convention Center Hotel	2,597.58
General Obligation	155,392.90
Certificate of Participation	1,719.68
Special Obligation	6,983.86
Sports Facilities	1,510.91
All Other Debt	199,508.85

Superior Distribution and Marketing. Our goal as an underwriter to the County will be to expand the investor base, increase liquidity, and drive down interest costs. We bring to the County one of the largest fixed-income distribution platforms in the U.S. municipal industry, with 70 veteran fixed income sales (15 dedicated to municipal securities sales), trading and underwriting professionals. The Firm's major competitive advantage is our ability to generate significant participation from Tier-2 and Tier-3 accounts, Midwest investors and local government investment pools (for taxable issues) who may be overlooked by our larger competitors.

Commitment to Florida. The State of Florida remains a critical component of Loop's Public Finance business model. Since inception in 1997, Loop Capital Markets has served on many municipal financings within Florida for a total par over \$65 billion. Given the importance of the State, Loop continues to add resources to the banking and sales coverage of Florida domiciled issuers. Loop maintains an investment banking office in Miami focused on Florida municipal issuers. Additionally, the Firm's asset management practice, Loop Capital Asset Management (LCAM), currently maintains over \$10 billion in assets under management and employs 29 professionals that are based in three offices in Florida (Miami, Boca Raton, and Lake Worth), bringing the total number of employees in the State to 33.

Commitment to Diversity, Equity and Inclusion. As the largest minority-owned investment bank in terms of capital and headcount, Loop is committed to being a partner to the County in meeting its Diversity, Equity and Inclusion ("DEI") initiatives. Loop is an active advocate for DEI. Engaging Loop as an underwriter on future County transactions enables the County the opportunity to further satisfy its DEI initiatives and partner with a firm who is both equally committed to DEI and can add value to the County's finance team.

Sincerely,

Ray Lawson
Senior Vice President

Ira Smelkinson
Managing Director and Head of Transportation



Broward County Board of County Commissioners

Response to Request for Qualifications: Library of Bond Underwriters (GEN2126726Q1)

TABLE OF CONTENTS

Firm's History	1
Firm's Key Personnel	2
Firm's Institutional Sales Experience	4
Firm's Past Performance	8
Firm's Approach	9

TABLE OF APPENDICES

A. Loop's Transaction Lists	14
-----------------------------------	----

Loop Capital Markets is required to make certain regulatory disclosures as required by the Municipal Securities Rulemaking Board. In its capacity as an underwriter, Loop Capital Markets may provide advice concerning the structure, timing, terms, and other similar matters concerning this upcoming offering of municipal securities. These services are being provided in our role as an underwriter, not as a financial advisor. The primary role of Loop Capital Markets, as an underwriter, is to purchase securities, for resale to investors, in an arm's-length commercial transaction between you and Loop Capital Markets. Loop Capital Markets has financial and other interests that differ from those of the issuer. If you do not have and would like a municipal advisor that has legal fiduciary duties to the issuer, please feel free to retain one to serve that capacity.

FIRM'S HISTORY

1. Firm History

Give a brief history of your firm (maximum of one page).

Firm Background. Loop Capital Markets, founded in 1997 and the largest minority-owned investment bank and broker-dealer in the United States today, is headquartered in Chicago, Illinois, and is organized under the laws of the State of Delaware as a limited liability company. Loop started as a 6-member municipal bond and equity trading firm and has since grown to 260 professionals in 21 offices nationwide, including offices located in Boca Raton, Miami and Lake Worth. Loop Capital Markets provides a wide range of services to clients throughout the Country, including investment banking (municipal and corporate), fixed income sales and trading (taxable and tax-exempt), global equity sales and trading, asset management, corporate advisory services, a repo and options division, and analytical services/research. Public finance remains the Firm's flagship businesses, representing over 20% of the Firm's total revenue in 2022. The Firm is a certified Minority Business Enterprise ("MBE") with many organizations across the country.



Public Finance Overview. Headed for the last 4 years by Warren "Bo" Daniels, a 30+ year veteran of the municipal securities industry, our Public Finance department has 30 investment banking professionals in 10 offices nationwide (Public Finance banking office locations are highlighted by the yellow markers in the map above), including numerous senior bankers with vast industry experience executing large and complex transactions. In addition to our Public Finance banking professionals, the Firm has a four-person fixed-rate municipal underwriting desk located in New York. Loop Capital Markets has created one of the largest institutional fixed income distribution and underwriting platforms in the industry with 42 salespeople, 22 traders and six underwriters available to the County, of which 23 (15 salespeople, 5 underwriters and 3 traders) are dedicated solely to municipal securities.

Loop Capital Markets has helped structure, market, and finance some of the most innovative and complex municipal bond transactions in the country. Over the last 25 years, the Firm has served on municipal financings totaling over \$1.6 trillion, including over \$136 billion as Senior Manager or Joint Bookrunner. Since August 2018, Loop has served as Senior **Manager, Sole Manager or Joint Book Runner on over \$55 billion** for some of the nation's most prominent issuers, including Dallas Fort Worth International Airport, Princeton University, Harvard University, State of Ohio, California State Public Works Board, City of Chicago, Los Angeles International Airport, and New York City, among others. Loop Capital Markets ranked **as the #1 Co-Manager among all underwriters in 2022 for negotiated municipal bond transactions** (full economics to each manager); **\$6.1 billion of senior managed deals, for a #16 ranking in 2022 among Senior Managers** (true economics to bookrunner).

Capital Structure. Loop Capital Markets was founded on the premise that the true measure of a firm's financial strength is its willingness to commit capital in support of its clients' bond issues. If given the opportunity to serve the County as an underwriter, the Firm will stand ready to use its capital as necessary to support new issues in the primary market. As of December 31, 2022, the Firm's total capital was \$332.8 million, its equity capital was \$91.8 million and its excess net capital was \$65.6 million, giving us the ability to inventory over \$1.2 billion in municipal bonds at any one time. Loop often underwrites bonds in sizeable amounts (equivalent or larger than our peers) no matter its role, even in challenging and volatile market conditions. In May 2023, while serving as senior managing bookrunner and lead tender dealer manager for the City of San Antonio, CPS Energy's \$636.580 million refunding transaction, at the time of the verbal award the Firm underwrote approximately \$109 million in unsold balances. Ultimately, by the end of the pricing day, Loop Capital Markets continued to hold in inventory \$30 million of unsold bonds in support of the transaction. Most recently on August 9, 2023, Loop served as the bookrunning senior manager for New York City's \$1.02 billion G.O. Bonds, Fiscal 2024 Series A (New Money) and Fiscal 2012 Series G-5 (Reoffering), in which there was an unsold balance of \$20 million that was underwritten by Loop to support the financing.

FIRM'S KEY PERSONNEL**2. Key Personnel and Resumes**

Identify the key staff to be assigned to this engagement, including their roles and specific credit experience. Provide a brief resume for each including length of tenure with your firm.

Loop Capital Markets' financing team for the County is comprised of experienced industry professionals, including senior bankers and sector specialists who have extensive experience with the nation's largest and most complex clients. If selected to serve on behalf of the County, our team will devote any amount of time necessary to ensure the successful execution of your transaction. A summary of the County's financing team and relevant experience is provided in the table below.

Banking Team	Role	Relevant Credit Experience
Years of Experience at Firm / Muni Industry: 7 / 17		
Ray Lawson <i>Sr Vice President</i> Miami, FL	Day to Day Banker	Miami-Dade County; City of Miami Beach; Greater Orlando Aviation Authority; City of Baltimore; State of Maryland; Commonwealth of Massachusetts; State of Connecticut; State of Ohio; City of Cleveland; Ohio Treasurer; City of Pittsburgh
Years of Experience at Firm / Muni Industry: 1 / 37		
Ira Smelkinson <i>Managing Director</i> New York, NY	Lead Transportation Banker	Miami-Dade County; Greater Orlando Aviation Authority; City of Atlanta (ATL); Cities of Dallas and Fort Worth (DFW); City and County of Denver (DEN); MCI; LAX; IAD/DCA; STL; SMF; SJC; SAN; State of Hawaii; Pennsylvania Turnpike Commission; Illinois State Toll Highway Authority; Port of Houston; Massachusetts Port Authority; Port Auth of NY & NJ; Port of Portland; Port of Seattle
Years of Experience at Firm / Muni Industry: 14 / 16		
Rehan Ahmad <i>Sr Vice President</i> New York, NY	Lead Quantitative Banker	Miami-Dade County; City of Miami Beach; Greater Orlando Aviation Authority; IAD/DCA; Pennsylvania Turnpike Commission; State of Ohio; City of Cleveland; Ohio Treasurer
Years of Experience at Firm / Muni Industry: 9 / 18		
Rachel Barkley <i>Managing Director</i> Chicago, IL	Credit & Rating Strategy Specialist	Miami-Dade County; City of Miami Beach; Greater Orlando Aviation Authority; State of California; State of Connecticut; State of Ohio; City and County of San Francisco; City of Chicago; City of Los Angeles; City of San Diego; Los Angeles County; Riverside County; LAX; City of Atlanta (ATL); Port of Los Angeles; Port of Oakland
Years of Experience at Firm / Muni Industry: 2 / 2		
Jennifer Donovan <i>Associate</i> New York, NY	Execution Support	Miami-Dade County; Greater Orlando Aviation Authority; City of Atlanta (ATL); Cities of Dallas and Fort Worth (DFW); City of St. Louis (STL); LAX; City of Philadelphia
Years of Experience at Firm / Muni Industry: 2 / 2		
Kemi Akande <i>Analyst</i> New York, NY	Execution Support	Miami-Dade County; City of Miami Beach; Greater Orlando Aviation Authority; New York City Municipal Water Finance Authority
Years of Experience at Firm / Muni Industry: 12 / 35		
Fernando Lopez <i>Managing Director</i> New York, NY	Lead Underwriter	Miami-Dade County; City of Miami Beach; Greater Orlando Aviation Authority; State of California; State of Connecticut; State of Ohio; City of Chicago; Hamilton County; Los Angeles County; Riverside County; City of Atlanta (ATL); Cities of Dallas and Fort Worth (DFW); City and County of Denver (DEN); Pennsylvania Turnpike Commission

Ray Lawson, *Senior Vice President*, joined Loop Capital Markets in 2016 and has over 17 years of public finance experience. Mr. Lawson has been a senior banker on over \$11 billion of financings during his career. He served as lead banker on multiple senior managed transactions for local governments as well as state-level issuers such as the District of Columbia, City of Cleveland, City of Baltimore, Miami-Dade County, and the State of Connecticut. His primary coverage responsibilities are for issuers in the Northeast and Mid-West/Mid-Atlantic. These issuers include: the Commonwealth of Massachusetts, State of Connecticut, Massachusetts School Building Authority, Massachusetts Bay Transportation Authority, State of Maryland, City of Baltimore, Maryland Department of Transportation, Maryland Stadium Authority, State of Ohio, City of Cleveland, Ohio Treasurer, City of Pittsburgh, and Allegheny County. Notably, Mr. Lawson served as the co-lead banker on a \$341.6 million transaction for the City of Cleveland's Airport System Revenue Bonds, Series 2019 in September 2019. This transaction was priced during volatile market conditions and was also part of one of the first major taxable advance refunding deals in 2019. Mr. Lawson holds a Bachelor of Arts from The Ohio State University.

Ira Smelkinson, *Managing Director and Head of Transportation*, joined Loop Capital Markets in June 2022 and brings 35 years of investment banking experience. Ira has focused on airport financings for the duration of his career, with over \$40 billion in par of senior managed airport financing experience. Before joining the Firm, Ira spent 22 years at Morgan Stanley, where he headed the firm's airport group. Ira has worked with some of the **largest and most complex transportation issuers across the Country, including prior airport transactions for the County**. In addition to his experience serving as underwriter for transportation transactions, Ira has served as both sell side and buy side advisor in connection with P3 transactions related to transportation assets, including serving as advisor in connection with \$2.4 billion development of Terminal B at LaGuardia Airport and a sell side advisor to the Port of Portland in connection with a concession of their intermodal center. He has also been active in working with airlines in securing financing for their airport development initiatives through special facility bonds. He has been an active participant and speaker for airport trade associations including serving as steering committee member for ACI-NA and as a member of AAAE's post COVID-19 ACT initiative. Ira holds a B.A. in accounting from the University of Maryland and an M.B.A. in finance from the University of Chicago Graduate School of Business.

Rehan Ahmad, *Senior Vice President*, has over 16 years of experience and will provide banking and execution support for the County. He provides banking coverage to a number of issuers in Florida, including Miami-Dade County, City of Miami Gardens, Greater Orlando Aviation Authority as well as issuers in the Northeast, Mid-Atlantic and the Midwest. In August 2020, Mr. Ahmad helped structure and execute the sole managed financing for the City of Miami Garden's \$50.405 million taxable advance refunding General Obligation Refunding Bonds, Series 2020. Prior to joining the Firm in 2009, he worked for over three years in the Northeast Infrastructure Public Finance Group at Morgan Stanley. Mr. Ahmad received a B.B.A. in Finance and Investments from Baruch College.

Jennifer Donovan, *Associate*, joined Loop Capital Markets in June 2021 and provides banking and quantitative support for the Firm's Transportation, Higher Education and Housing teams. She has worked on transactions for notable issuers including the Cities of Dallas and Fort Worth (DFW), City of Atlanta (ATL), City of St. Louis (STL), City and County of Denver (DEN), BNA, MWAA and LAX, among others. Jennifer earned a B.A. in Economics and Communications from Hamilton College.

Kemi Akande, *Analyst*, joined Loop Capital Markets in October 2021, after previously serving as a credit analyst in commercial lending. Ms. Akande primarily supports local government issuers on the East Coast and provides banking and quantitative support for the Firm's Transportation and Housing teams. She has worked on transactions for notable issuers including New York City Municipal Water Finance Authority, Miami-Dade County and District of Columbia, among others. Ms. Akande earned a B.A. in Africana Studies and Economics from Wellesley College.

Credit Strategy. Rachel Barkley, *Managing Director*, has been with the Firm since July 2014 and has over 15 years of finance experience. Prior to joining the Firm, Ms. Barkley spent 2 years at PFM as a strategic consultant, 4 years at Fitch Ratings as an associate director (one year later promoted to Director); and 3 years at Morningstar as a senior municipal credit analyst. She has led pension analysis at the Firm for the past six years and also covers credit conditions and financial developments for states, higher education, utilities, local governments, transportation, and other revenue sectors for the Firm. She has been rated among the first team municipal credit analysts from 2017-2021, the number one analyst in the country for pension risk work from 2017-2020, and the number one analyst in the country for special revenues in 2021 by Smith's Research and Gratings. She serves on the board of the National Federation of Municipal Analysts as Immediate Past Chair and has previously served on the board of the Chicago Municipal Analyst Society. She graduated from Bryn Mawr College with a B.A. in political science and from the Fels Institute of Government at the University of Pennsylvania with a master's in government administration.

Long-Term Underwriting. Fernando Lopez, *Managing Director and Head of Long-Term Underwriting*, is responsible for the Firm's underwriting and syndicate activities including market evaluation, bond structuring, marketing, investor networking, pricing and underwriting commitment. With over 30 years of experience in the municipal and fixed income markets, Mr. Lopez has a deep understanding of all of the fixed rate products that enhance an issuer's debt structure, maximize investor sponsorship, and generate the lowest financing cost. Prior to joining Loop Capital Markets, Mr. Lopez spent four years at M.R. Beal as the head of municipal underwriting, thirteen years at UBS as an institutional trader, and ten years at Lehman Brothers as an institutional trader and short-term underwriter. He has been the lead

underwriter on billions of dollars in municipal financings for major state-wide and local issuers throughout the Country, representing general infrastructure, transportation, education, health care and utilities. Mr. Lopez graduated from Pace University with a B.B.A. in Finance.

3. Public Finance Offices

Does your firm maintain any full-time public finance offices in Florida? If so, provide location, staffing, and contact information and identify which, if any, of these offices that will be involved in providing Underwriter Services.

The State of Florida remains a critical component of Loop's Public Finance business model. Since inception in 1997, Loop Capital has served on many municipal financings within Florida for a total par over \$65 billion. Given the importance of the State of Florida and its issuing authorities, Loop Capital continues to add resources to the banking and sales coverage of Florida domiciled issuers. Loop Capital is invested in expanding its presence in Florida – within the Public Finance and Fixed Income Divisions, there are four professionals (one investment banker and three taxable salespeople) based in Miami and Boca Raton. **Ray Lawson, Senior Vice President, who will serve as the lead professional assigned to the County is located in the Firm's Miami office.**

Miami Office

201 South Biscayne Blvd
28th Floor
Miami, FL 33131

Additionally, Loop Capital has expanded into asset management by acquiring BMO's Asset Management practice in January 2022, and in November 2022 acquiring another asset management group (Smith Graham & Company). Together, the two acquisitions have propelled Loop Capital Markets into the asset management business with \$10 billion AUM (assets under management) as Loop Capital Asset Management (LCAM). LCAM is home to 29 professionals that are based in three offices in Florida (Miami, Boca Raton, and Lake Worth), bringing the total number of employees in the State to 33.

In addition to our Miami office, investment banking services to the County will also be provided from our New York City and Chicago offices. The Firm's four-person fixed-rate municipal underwriting desk is located in New York and our three-person short-term underwriting desk is located in Chicago. Those office locations are provided on the adjacent tables.

New York Office

88 Pine Street
25th Floor
New York, NY 10005

Chicago Office

111 W. Jackson Blvd.
Suite 1901
Chicago, IL 60604

FIRM'S INSTITUTIONAL SALES EXPERIENCE

4. Experience Over the Last Five Years

List retail and institutional sales experience for Airport, Port, Water and Sewer, Convention Center/Convention Center Hotel, General Obligation, Certificate of Participation, Special Obligation, Sports Facilities, and all other debt for which your firm served as Senior or Co-Manager in the past 5 years. Separate and subtotal by the type of debt listed above and include role, method of sale, date of issue, issue name, issue size, Rating, TIC, and gross spread.

Over the past five years, Loop has served as an underwriter on over \$433.3 billion of municipal bond financings (both competitive and negotiated offerings) for issuers nationwide, including \$51.0 billion as senior manager, and over \$382.3 billion as co-manager. This experience includes senior and/or co-senior managed transactions for some of the country's largest and most complex issuers including the States of California, Connecticut, Illinois, Ohio, Oregon and New York; the Cities of San Antonio, Atlanta, Chicago, Cleveland, New York and Philadelphia; Dallas Fort Worth International Airport, Hartsfield–Jackson Atlanta International Airport, Los Angeles International Airport, Cleveland Hopkins International Airport, O'Hare International Airport, and St. Louis Lambert International Airport; Pennsylvania Turnpike Commission; New York City Municipal Water Finance Authority; San Diego County Water Authority and Ohio Water Development Authority– among others. Loop Capital Markets

Loop's Relevant Transaction Experience Since Aug. 2018

Type of Debt	Senior Managed Par (\$MM)	Co-Managed Par (\$MM)
Airport	3,201.99	21,791.48
Port	549.99	4,573.04
Water and Sewer	2,333.10	33,202.37
Convention Center/Convention Center Hotel	-	2,597.58
General Obligation	19,685.46	135,707.44
Certificate of Participation	42.24	1,677.44
Special Obligation	-	6,983.86
Sports Facilities	-	1,510.91
All Other Debt	25,192.30	174,316.55
Total	51,005.08	382,360.67

serves a wide range of municipal clients and has bona fide expertise across a broad spectrum of specialty areas within the municipal debt market including Airport, Port, Water and Sewer, Convention Center/Convention Center Hotel, G.O., Certificates of Participation ("COPs"), Special Obligation, Sports Facilities and all other types of debt as summarized in the previous table. In Appendix A, we have included the requested details for each transaction; given the large number of transactions, we limited the G.O. and all other types of debt transaction lists to fixed-rate and negotiated only.

Generating Retail Sales.

Loop's ability to generate professional retail orders while serving as book-runner is evidenced by the significant number of professional retail orders generated while Loop served as senior manager on:

1) the Firm's April 2023 New

York State Environmental Facilities Corporation transaction, for which the Firm generated over \$609 million in professional retail orders, approximately 66% of total orders; 2) the Firm's February 2022 \$469.8 million LAX transaction, for which the Firm generated \$672 million in professional retail orders, which represented approximately 22% of total orders; 3) the Firm's February 2022 \$170 million San Diego County Water Authority transaction, for which the Firm generated \$180.5 million in professional retail orders, approximately 24% of total orders; and 4) the Firm's March 2022 \$950 million NYC Transitional Finance Authority's transaction, for which the Firm generated \$318 million in professional retail orders, approximately 5% of total orders; among others in the above table.

We also note that Loop Capital Markets has significant experience helping issuers achieve orders from their local constituents using targeted marketing campaigns. In December 2020, Loop Capital Markets utilized this approach when serving as Senior Manager on the State of Connecticut's (on behalf of the University of Connecticut) \$160.2 million General Obligation Bonds, 2020 Series A, and \$119.1 million General Obligation Bonds, 2020 Refunding Series A. Together with the University and its financial advisor, the Firm crafted an expansive digital and print advertisement campaign for less than \$50,000 that occurred after the POS release, during Thanksgiving, and ending after the retail pricing. As a result of a strong retail marketing campaign, the Firm generated \$455 million in retail orders (59% of the entire order book for the deal) over two days for \$215 million of available par (76% of the entire transaction par amount).

Our distribution platform, as detailed in Question 5, enables us to add value to issuers' sales, no matter the Firm's role. Loop Capital Markets consistently brings in priority orders even while serving as co-manager and co-senior manager. The adjacent table highlights notable recent examples of the Firm's ability to bring in priority orders – exemplifying the effectiveness of our salesforce.

Notable Professional Retail Order Generated on Senior and Co-Senior Managed Transactions				
Sale Date	Issuer	Par (\$MM)	Loop's Professional Retail Orders	Role
4/25/2023	New York State Environmental Facilities Cor	\$150.96	\$609.60	Senior
4/4/2023	State of California	2,551.36	19.00	Co-Senior
11/16/2022	New York City Municipal Water Finance Aut	750.00	394.27	Senior
3/31/2022	NYC Transitional Finance Authority	950.00	318.00	Senior
3/10/2022	City of Pittsburgh	51.12	76.84	Senior
2/8/2022	San Diego County Water Authority	170.00	180.50	Senior
2/2/2022	Los Angeles Department of Airports	469.83	672.00	Senior

Recent Examples of Loop's Priority Orders on Transactions				
Sale Date	Issuer	Firm Role	Par Amount	Priority Orders Submitted
5/31/2023	State of Connecticut	Co-Manager	\$350,000,000	\$219,000,000
4/25/2023	State of Oregon	Joint Bookrunner	222,245,000	25,000,000
3/7/2023	Pennsylvania Turnpike Commission	Joint Bookrunner	343,800,000	20,000,000
11/15/2022	The School Board of Duval County (FL)	Co-Manager	561,460,000	129,165,000
10/18/2022	Southeastern Pennsylvania Transportation Authority	Co-Senior Manager	511,965,000	71,850,000
8/9/2022	City of San Antonio	Co-Manager	100,520,000	22,000,000
6/28/2022	City of Long Beach	Co-Manager	74,875,000	15,100,000
5/17/2022	New Jersey Educational Facilities Authority	Co-Senior Manager	300,000,000	20,000,000
4/28/2022	Illinois Housing Development Authority	Co-Senior Manager	90,140,000	11,575,000
4/19/2022	Harvard University	Joint Bookrunner	500,000,000	44,000,000
4/12/2022	State of Oregon	Co-Senior Manager	123,650,000	23,000,000
3/29/2022	CPS Energy	Co-Manager	413,720,000	22,800,000
3/25/2022	New York City Housing Development Corporation	Co-Manager	398,265,000	45,000,000
3/24/2022	City of New York	Co-Manager	900,905,000	100,000,000
3/15/2022	Dormitory Authority of the State of New York	Co-Senior Manager	667,735,000	124,000,000
3/9/2022	Regents of the University of Michigan	Joint Bookrunner	2,000,000,000	112,000,000
3/3/2022	The Nature Conservancy	Co-Manager	412,000,000	45,000,000
3/2/2022	State of Wisconsin	Co-Senior Manager	180,030,000	76,000,000
1/12/2022	State of Louisiana	Co-Manager	620,995,000	24,000,000

5. Competitive and Negotiated Marketing Strategies

Over the term of this Underwriter Library, Broward County anticipates potential bond issuances across the County's various credits. Given the diversity of County credits, and your understanding of the County's ratings and finances, identify which transactions could be done competitively in normal market conditions and present your marketing strategies for those credits you recommend to be sold via negotiated sale.

In normal conditions, we believe that the County's G.O. credit is the best candidate to be sold via competitive sale. We note that the County has not issued G.O. Bonds since 2012. Given that hiatus in the market for this credit, we propose that the next sale for G.O. bonds be completed via negotiated sale to reintroduce the credit to the marketplace. Thereafter, we believe that the use of competitive bond offerings for the G.O. credit would be appropriate. For the County's other credits, we propose that the County continue its recent practice of negotiated bond sale.

Approach to Marketing Negotiated Sale of the County's Bonds. Our proposed marketing efforts are targeted to reach investors in the most user-friendly and efficient manner (from both the investor and County management perspective). For the County's future negotiated transactions, to efficiently reach the optimal audience of potential investors, we recommend the following marketing efforts:

Investor Outreach. The Firm will initiate its marketing efforts by targeting current holders of the County's bonds identified in a holders' analysis prepared by our highly regarded credit expert, **Rachel Barkley**, where we identify accounts that are "underweight" in the County's Bonds – those we believe have capacity for more of the County's Bonds. Existing investors have already demonstrated an appetite for the County's bonds and serve to anchor the order book. To supplement the current pool of investors, Loop will target the top national holders of similar credits (Airport, Port, Water and Sewer, G.O., etc.) as well as the top Florida holders of these credits. Once the Firm identifies a pool of potential investors, we will help determine if the County should engage in direct outreach and which accounts to target. Investors value access to key staff and management, especially as institutional buyers increasingly perform their own credit research. Direct interaction with the investor community will allow the County to personally communicate its credit strengths, proactively address any perceived challenges, and demonstrate management's expertise and strengths.

Marketing. We recognize that marketing efforts will not be equally effective with all investors. The time and effort of the County's management are best focused on those investors most likely to be impacted by a marketing effort. For example, a large "closet indexer" (funds that are, for practical purposes, an index fund) is less likely to overweigh a particular credit regardless of the value proposition. Investors that perform extensive bottoms/up credit research and that hold more concentrated positions can be better targets. In addition to our salesforce's insights on their accounts, data-based factors such as: recent inflows/outflows, the average size of positions, the number of securities held, and average holding periods will help illuminate accounts to target for meetings or conference calls.

Consider Posting Pre-Sale Notice on EMMA. The County may consider posting on EMMA a notice of an upcoming bond sale, providing investors with notification of intent to issue bonds and a preliminary (tentative) time frame and size. This non-binding notice will provide investors with further awareness of the transaction and begin to "set the table" for additional activities to come after posting the POS.

Non-Audio Online Investor Roadshow. We believe that the use of a slides only, non-audio Net Roadshow posted simultaneously with the POS would be an appropriate pre-marketing tool to reach potential investors and heighten awareness for future issuances. While roadshows are commonplace, what is different about Loop Capital Markets is how we use the information gleaned. Our bankers will get reports at the end of each day during the pre-marketing period and then work with our underwriter and sales manager to see who has viewed the presentation. We will cross reference these reports against the known holders of the County's bonds and other targeted investor groups to determine "who is NOT looking, but should be?" If we identify accounts that we think should be looking at the County's transaction, our sales manager will work with our assigned sales professionals to reach out to these accounts and encourage them to look. Furthermore, we tactically engage our credit specialist, **Rachel Barkley**, to help educate buyers who may have credit concerns and to convert them into participants.

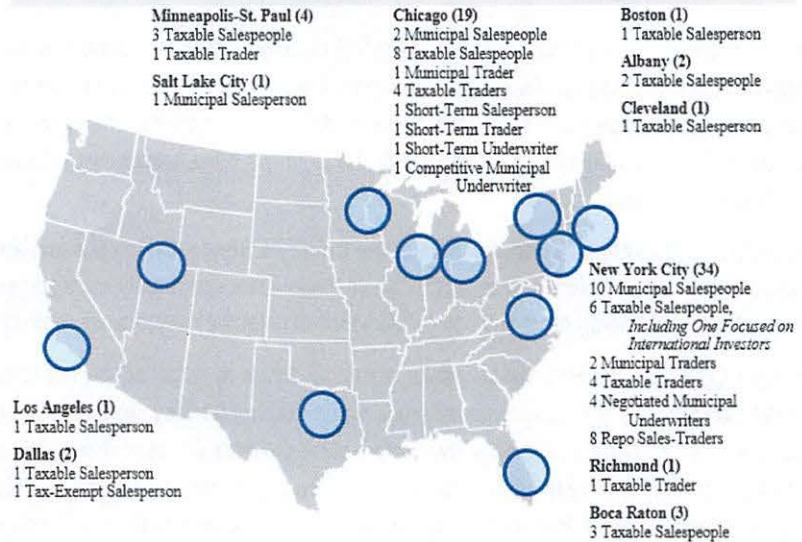
Allow Time for One-on-One Calls with Management. Based upon our recent experience with similar transactions, we expect that there will be demand for one-on-one calls/virtual meetings from potential investors. We encourage the County to set aside time for one-on-one

calls/Teams Meetings with price-driver accounts during the week leading up to pricing. Loop would solicit investor questions in advance and work with the County team to prepare responses. This way, the Q&A session can be used to further elaborate on key credit messages that the County is seeking to deliver.

Distribution Capabilities. Loop's successful marketing efforts and distribution track-record are the result of an institutionalized process that broadens the distribution of our clients' bonds and should result in lower interest cost as more buyers compete for the County's bonds. Unlike many public finance firms that were founded by bankers, Loop was founded by a municipal salesperson on the premise of providing clients with value-added distribution. This premise has resulted in the creation of one of the largest fixed income distribution platforms in the industry with 70 sales, trading and underwriting professionals, including 15 dedicated to municipal sales and 26 dedicated to taxable sales, providing an unmatched breadth of coverage that expands from coast-

to-coast. As shown in the graphic above, given the positioning of the Firm's traders and salespeople, Loop Capital Markets possesses a unique ability to market and distribute the County's bonds to a geographically diverse demographic – including investors in Florida. In addition to covering the Tier-1 accounts that can provide anchor orders for larger transactions, the Firm has forged strong relationships with buyers of municipal bonds who may not be aggressively covered by the major Wall Street firms. These Tier-2 investors consist of non-traditional buyers, retail intermediaries, and regional investors (e.g., smaller insurance companies, trust departments investment managers, etc.) who tend to be less price sensitive buyers, and once exposed to a certain issuer, often return as a repeat buyer. Loop specializes in the cultivation of this buyer class, which we believe differentiates our marketing efforts from those of our competitors. Benefits from diversifying the County's pool of bondholders through Tier-2 investors include mitigating geographic over/under exposure to certain regions, excessive concentration of one category of a buyer and/or not enough of another, too much leverage held by the largest holders, and potential concerning trends with respect to institutional ownership, among others. The size of our salesforce allows us to access Tier-2 investors more effectively, which can ultimately lower the County's cost of borrowing. We distribute bonds at every point on the yield curve by covering the major institutional tax-exempt and taxable buyers on all levels as well as professional retail and separately managed accounts.

Location of the Firm's Distribution Resources



6. Retail Marketing Strategies

Describe your marketing plan to achieve the highest local and retail participation. List all retail sales offices located in Broward County.

While Loop is not a retail firm, we recognize the value of retail investors for the County and anticipate that professional retail accounts will continue to play a more significant role in the County's financings than traditional "mom and pop" accounts, consistent with the general market trend in recent years. Loop brings demonstrably effective sales coverage of the leading professional retail investors, as well as arbitrage, trading and hedge fund buyers, whose importance has increased in light of continued mutual fund outflows, but we do not cover traditional "mom and pop" retail investors. The Firm does not maintain retail sales offices in Broward County.

Loop Capital Markets has strong, long-standing relationships with professional retail stalwarts, including BlackRock, Fidelity, Lord Abbett, and Northern Trust, and the Firm has expanded coverage of these accounts consisting of investment advisors, money managers and various asset managers. We also maintain relationships with major Separately Managed Account (SMA) / Portfolio Management

Account (PMA) programs run by investment companies and dealers. Through these channels, Loop Capital Markets has been able to generate interest from high net-worth retail investors throughout the country. When the Firm served as senior manager in 2021 on a \$574.795 million deal for New York City Municipal Water Finance Authority (NYW), the market dictated that we refine our marketing strategy to focus heavily on retail investors. While \$990.4 million of total retail orders were submitted by NYW's large syndicate composed of bulge-bracket Wall Street firms,

numerous retail wire houses and local selling group members, **Loop Capital Markets generated 96% of the retail orders** (\$958.3 million) primarily from the Firm's Tier 1 and Tier 2 professional retail accounts. Most recently on August 9, 2023, while serving as bookrunning senior manager for New York City's \$1.02 billion G.O. Bonds, Fiscal 2024 Series A (New Money) and Fiscal 2012 Series G-5 (Reoffering), **Loop Capital Markets generated 87% of the retail orders** (\$683.3 million).

Top SMAs Covered by Loop	
Alliance Bernstein	GSAM (Goldman Sachs Asset Mgmt)
Allspring	Gurtin (owned by PIMCO)
American Century	JP Morgan Asset Management
Bessemer Trust	Lord Abbett
Blackrock SMA	Northern Trust
Boston Company	Nuveen
City National	Parametric (Eaton Vance)
Eagle Asset Mgmt	Schwab
Franklin Private Client	Wells Fargo Private Asset Mgmt
Gannett Welsh and Kotler	

FIRM'S PAST PERFORMANCE

7. Recent Case Studies

Provide three case studies for financings completed by your firm within the past 3 years. Describe unique challenges encountered and results and how they could apply to the County.

The following cases studies highlight the Firm's ability to successfully execute transactions of relevance to the County.

DFW Dallas-Fort Worth International Airport, Series 2023A. On July 18-19, 2023, Loop Capital Markets served as the Senior Manager for Dallas-Fort Worth International Airport's \$215.275 million Joint Revenue Refunding Bonds, Taxable Series 2023A. The bonds had ratings of A1 (stable), A+ (positive), A+ (stable), and AA (stable) by Moody's, S&P, Fitch, and Kroll, respectively. This transaction represented DFW's first taxable transaction with a non-bulge bracket investment bank serving as bookrunner.

Following the release of the preliminary official statement and electronic investor roadshow, the Firm's salesforce actively began contacting a broad range of accounts, including current holders and potential targets of comparable airport revenue bonds. Throughout the pre-marketing process, the Firm provided the Airport with investor feedback, including the investors expected to place orders and the rationale from non-participating accounts (e.g., credit, size, structure). Notably, the Firm's banking team organized a one-on-one call with an international investor that had not previously bought a U.S.-based airport credit and worked extensively to help answer their questions.

The market experienced heavy supply during the week of pricing with more than \$8.5 billion of negotiated transactions, including more than \$1.3 billion for Texas issuers. However, the dearth of YTD 2023 taxable issuance in the municipal market and lack of Texas issuance in the single-A category during the week helped support demand for the transaction. Overall, the transaction was sponsored primarily by Bond Funds and Insurance Companies with 86 accounts participating in aggregate. Given the strong result of the order period, Loop was able to tighten spreads by up to 25 bps following guidance. As a result of these adjustments, while a significant number of orders dropped, the transaction was completed at a taxable borrowing cost to DFW of 5.00%.

Relevance to the County: Demonstrates Loops ability to successfully market taxable airport bonds during time of market volatility.

NYW New York City Municipal Water Finance Authority, Fiscal 2023 AA. On November 15, 2022, Loop Capital Markets served as bookrunning lead manager on New York City Municipal Water Finance Authority's \$750 million Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2023 Series AA, Subseries AA-1, AA-2 and AA-3 transaction. Loop Capital assisted NYW in developing a comprehensive internet roadshow, primarily aimed at addressing the credit highlights and legal protections inherent in the structure, and the financial strength of NYCMWFA. The roadshow was ultimately viewed by 58 research analysts and investors. Although the transaction was priced during volatile market conditions with the Fed having increased the Fed Funds rate by 375 bps in 2022, NYCMWFA achieved superior pricing results for its Bonds. During the retail order period, investors placed \$445.605 million of orders, of which the Firm generated \$394.27 million (roughly 89%). Ultimately, orders were place by 85 unique

accounts and due to strong subscription levels, the Firm was able to lower yields by 5 to 8 bps from the retail order period and reduce yields up to an additional 10 bps depending on the maturity in the final pricing.

Relevance to the County: Demonstrates Loops ability to assist in the development of an investor roadshow and successfully generate retail orders for a Water and Sewer credit.



Hartsfield-Jackson Atlanta International Airport, Series 2022. On June 8, 2022, Loop Capital Markets served as the joint bookrunner for the City of Atlanta, Georgia's (the "City") \$382.370 million Airport General Revenue Bonds, Series 2022 ("GARB") and the City's \$164.050 million Airport Passenger Facility Charge and Subordinate Lien General Revenue Bonds, Series 2022 ("PFC"). All series were rated Aa3 (Stable) / AA- (Stable) by Moody's and Fitch. The City priced the Series 2022 Bonds in a challenging interest rate environment. Benchmark tax-exempt and taxable rates rose considerably during the days leading up to pricing in anticipation of May's CPI release on Friday, June 10. MMD rates moved higher by as much as 14 bps from the beginning of pricing week including as much as 10 bps on the day of pricing and 10-year and 30-year USTs rose 9 bps from the previous week (Wednesday to Wednesday). Additionally, Municipal fund flows turned negative again the week of pricing with \$2.1 billion in outflows.

The Firm provided both superior banking coverage in anticipation of the financing (Loop was mandated for senior positions on consecutive GARB financings) and exceptional sales efforts during pre-marketing and marketing during a volatile pricing period. In total, the issue was 2.1x oversubscribed with heavy demand flow in the front end. In the first 10 years where MMD rallied up to 5 bps, the senior managers were able to tighten spreads and reduce Non-AMT yields up to 10 bps, as many maturities were 5-11x oversubscribed. In the remaining part of the yield curve, where MMD increased by up to 10 bps, Loop and the other senior manager nevertheless were able to underwrite at or near pre-pricing levels for the AMT bonds and for some maturities of the Non-AMT bonds despite an increase of MMD by up to 10 basis points. The senior managers were able reduce both Non-AMT and AMT spreads up to 8 bps in years 2033-2052. Across all series, over \$44 million of priority orders were generated by Loop Capital Markets.

Ultimately, Loop and the syndicate committed significant amounts of capital to support the financing. At the verbal award, the senior managers agreed to underwrite the offering with approximately \$180 million in unsold balances. By the end of day of pricing, the underwriting syndicate committed capital to inventory \$39 million of bonds in certain maturities from 2028 to 2047. Loop and the underwriting syndicate continued to offer the long bonds and by 5 days, the syndicate had worked off this long position.

Relevance to the County: Demonstrates Loop's ability to successfully utilize our strong capital position to underwrite bonds in support of our clients' transactions in a challenging market.

8. References

Provide references of three local or statewide issuers for which your firm served as Senior or Co- Manager. Refer to Vendor Reference Verification Form and submit as instructed.

As instructed, the Firm's references have been submitted via the Vendor Reference Verification Form.

FIRM'S APPROACH

9. Alternative Refunding Strategies

What strategies would your firm recommend to incorporate into bond issuances in light of the repeal of the advance refunding authority. Describe the potential costs and benefits of each strategy from both the County and the investor's perspective

With the repeal of the tax-exempt refunding authority, during the 2019-2021 timeframe issuers took advantage of historically low taxable interest rates to effectuate taxable advance refundings of tax-exempt bonds, as the County did in connection with its Series 2019C Airport System Revenue Refunding Bonds. Given that taxable rates have risen sharply since 2022, the volume of taxable advance refunding issuance has fallen dramatically. Loop reviewed the County's outstanding bonds and determined that in the current market a taxable advance refunding does not produce debt service savings for the County's various debt programs. Issuers have relied on alternative structures to capture debt service savings in the current market. We highlight several approaches for the County to consider:

1) Tender/Refunding and 2) Forward Delivery Bonds.

Tender/Refunding. One approach to achieve debt service savings that has been widely utilized by many issuers is the ability to issue tax-exempt bonds that would fund the purchase the tender of certain outstanding tax-exempt and eligible taxable bonds. This approach would allow the County to achieve similar savings to a tax-exempt current refunding because a tender constitutes a tax-exempt current refunding for tax purposes with no escrow period and issuing tax-exempt rather than taxable bonds also allow the County to capitalize on the current low interest rate environment. The concept of bond tender works well in the current market environment as it provides investors with much needed liquidity where they receive cash payments to redeem their bonds. The tender idea is driven in part by one of the largest outflows from municipal bond funds in 2022 of more than \$90 billion, a 20-year record we have yet to see any positive fund flows for year-to-date 2023. The tender price that the County is willing to purchase bonds from investors is derived using Bloomberg Valuation ("BVAL"), which represents the secondary market price of the bonds based on current market conditions, plus a premium, which is the industry standard for a tender offer. Based on our experience with recent tender financings, we believe a tender premium of \$2 for the tax-exempt tender candidates is a reasonable estimate for the County's bonds. We would work with the County and its financial advisor to recommend an appropriate premium level to incentivize investors to participate as we believe there is a middle ground in which the issuer can achieve significant savings while appropriately incentivizing investors to tender their bonds.

The municipal tender offer trend took hold in 2020 and volume rose above \$4 billion in both 2021 and 2022, according to a recent Municipal Market Analytics' report. Approximately \$14.1 billion has been tendered or invited to tender so far this year, according to Bloomberg data, of which \$9.3 billion was taxable and \$4.8 billion was tax-exempt. This uptick in tender activity shows how rapidly tenders have become integrated into the municipal market. **Loop has considerable experience executing tender financings having served as Dealer Manager and Bookrunning Senior Manager or Joint Lead Manager or Co-Senior Manager on 9 tender financings over the last 20 months,** including two transactions for the Pennsylvania Turnpike Commission (March 2023 and September 2022), San Antonio CPS Energy, Dormitory Authority of the State of New York, University of Colorado, State of Wisconsin, City of Chicago, Iowa Finance Authority, and Utility Debt Securitization Authority, which is a securitization credit of the Long Island Power Authority. Loop is currently serving as co-dealer manager on a tender financing for the State of New York's \$600-900 million GO Bonds, which is expected to launch and price in September 2023.

We evaluated a potential tender opportunity for the County's Airport System Bonds, Series 2015A (AMT), which have approximately \$354 million of bonds outstanding that are callable on October 1, 2025 and the Airport System Bonds, Series 2017A (AMT), which have approximately \$241 million of bonds outstanding that are callable in October 1, 2027. Based on market conditions as of August 8, 2023 and using BVAL plus \$2 as the approximate purchase price for the tender, there are \$158.2 million in potential candidates (maturities 2030-2036) that produce at least 3% PV savings on a bond-by-bond basis with overall PV savings of nearly \$7.5 million or 4.72% of bonds refunded. This assumes that all of the bonds are tendered (which is unlikely since recent tender participation rates for tax-exempt candidates have been in a range of 30-50%). Given this range, the County can tender between \$47 million and \$79 million of bonds with PV savings ranging between \$2.2 million and \$3.7 million, respectively. The tables below summarize the potential tax-exempt tender

Broward County Airport System – Potential Target Tax-Exempt Bond Series Generating At Least 3% PV Savings on a Bond-by-Bond Basis

Series	Target Bond Par Generating 3%+ PV Savings	Existing Call Date	Maturity Range of Target Bonds	Coupon of Target Bonds	NPV Savings (\$)	NPV Saving (%)
2015A (AMT)	109,300,000	10/1/2025	2030 – 2036	5.00%	5,650,073	5.17%
2017A (AMT)	48,975,000	10/1/2027	2032 – 2036	5.00%	1,817,721	3.71%
Total	\$158,275,000				\$7,467,794	4.72%

**Potential Refunding Savings Depending on the Success Rate of the Tender
(Reflects Candidates Producing At Least 3% PV Savings on Bond-by-Bond Basis)**

Success Rate	Refunded Par	PV Savings (\$)	PV Savings (%)	Success Rate	Refunded Par	PV Savings (\$)	PV Savings (%)
50%	\$79,140,000	\$3,733,897	4.72%	35%	\$55,395,000	\$2,613,728	4.72%
45%	71,225,000	3,360,507	4.72%	30%	47,485,000	2,240,338	4.72%
40%	63,310,000	2,987,118	4.72%	25%	39,570,000	1,866,949	4.72%

refunding candidates generating at least 3% PV savings and the potential PV savings depending on the success rate of the tender (assuming pro-rata participation across the maturities).

The table below summarizes the refunding monitor on a bond-by-bond basis for the tender candidates.

Broward County's Proposed Tax-Exempt Tender Candidates for the Airport System Bonds Generating At Least 3% PV Savings											Tender Savings	
Series	Maturity	Coupon	Outstanding Par	CUSIP	Tender Price (BVAL* + \$2)	Existing Call Date	Tender Settlement	New Coupon	New Yield	New Call Provisions	PV Savings (\$)	As % of Refunded Par
2015A_AMT	10/01/30	5.000%	\$13,425,000	114894WB0	104.509%	10/01/25	11/01/23	5.00%	3.58%	-	\$474,874	3.54%
2015A_AMT	10/01/31	5.000%	14,095,000	114894WC8	104.476%	10/01/25	11/01/23	5.00%	3.59%	-	646,229	4.58%
2015A_AMT	10/01/32	5.000%	14,800,000	114894WD6	104.494%	10/01/25	11/01/23	5.00%	3.60%	-	818,104	5.53%
2015A_AMT	10/01/33	5.000%	15,540,000	114894WE4	104.347%	10/01/25	11/01/23	5.00%	3.68%	-	926,808	5.96%
2015A_AMT	10/01/34	5.000%	16,315,000	114894WF1	104.209%	10/01/25	11/01/23	5.00%	3.71%	10/01/33	959,506	5.88%
2015A_AMT	10/01/35	5.000%	17,135,000	114894WG9	103.974%	10/01/25	11/01/23	5.00%	3.78%	10/01/33	948,454	5.54%
2015A_AMT	10/01/36	5.000%	17,990,000	114894WX2	103.783%	10/01/25	11/01/23	5.00%	3.88%	10/01/33	876,099	4.87%
2017A_AMT	10/01/32	5.000%	8,865,000	114894XM5	106.410%	10/01/27	11/01/23	5.00%	3.60%	-	319,253	3.60%
2017A_AMT	10/01/33	5.000%	9,305,000	114894XN3	106.259%	10/01/27	11/01/23	5.00%	3.68%	-	376,072	4.04%
2017A_AMT	10/01/34	5.000%	9,775,000	114894XP8	106.052%	10/01/27	11/01/23	5.00%	3.71%	10/01/33	392,317	4.01%
2017A_AMT	10/01/35	5.000%	10,260,000	114894XQ6	105.717%	10/01/27	11/01/23	5.00%	3.78%	10/01/33	385,472	3.76%
2017A_AMT	10/01/36	5.000%	10,770,000	114894XR4	105.412%	10/01/27	11/01/23	5.00%	3.88%	10/01/33	344,607	3.20%
Total:			\$158,275,000								\$7,467,794	4.72%

* BVAL is adjusted to the assumed settlement date.

We have found that tenders are most successful when bondholders are concentrated and when these investors have participated in tenders for other issuers. We cross referenced the top 25 institutional holders based on Ipreo collected public information for the County's tax-exempt tender bonds in the Airport System (Series 2015A and Series 2017A) with those investors that participated in the tender financings which Loop Capital Markets served as the Senior Manager, Joint Bookrunning Senior Manager or Co-Senior Manager and Dealer Manager for the University of Colorado, CPS Energy, the State of Wisconsin, PTC, UDSA and the City of Chicago/Sales Tax Securitization Corporation. We have identified approximately \$158.275 million of par held, which represents approximately 98% of the total target bonds producing at least 3% PV savings. Of the 22 reported holders, 10 investors also participated in recent tender/exchange financings with over \$100.4 million in par held, as outlined in the table below. Based on this, we expect a high participation rate for the County's proposed tender of its Airport System Bonds.

Top Holders of the Target Tax-Exempt Bonds – Series 2015A (AMT) and Series 2017A (AMT)

Investor Name	Par Held (\$ 000s)	University of Colorado	CPS Energy	Wisconsin	PTC	UDSA/LIPA	Chicago	Primary Institution Type
Allspring Global Investments	30,035			✓		✓	✓	Investment Manager-Mutual Fund
Fidelity Management & Research Company	28,750			✓	✓			Investment Manager-Mutual Fund
Nuveen Asset Management	27,065		✓		✓	✓		Investment Manager-Mutual Fund
MGIC Investment Corporation	17,135							Insurance
Nationwide Asset Management	10,000							Investment Manager-Mutual Fund
Insight North America	5,300							Investment Manager
Chubb Asset Management	5,275							Insurance
T. Rowe Price Associates	4,610			✓	✓	✓		Investment Manager-Mutual Fund
Advent Capital Management	4,270							Investment Manager-Mutual Fund
Liberty Mutual Group Asset Management	4,000	✓	✓	✓				Insurance
Thornburg Investment Management	3,700							Investment Manager-Mutual Fund
Blue Cross & Blue Shield of North Carolina	2,545							Insurance
BlackRock Advisors	2,250		✓		✓	✓	✓	Investment Manager-Mutual Fund
Western Asset Management Company	2,000		✓			✓	✓	Investment Manager-Mutual Fund
HealthNow New York	1,750							Insurance
Amerigroup Corporation	1,250							Insurance
Janus Henderson Investors	1,000							Investment Manager-Mutual Fund
BMO Asset Management	1,000							Investment Manager-Mutual Fund
Columbia Threadneedle Investments	1,000				✓		✓	Investment Manager-Mutual Fund
Texas Medical Insurance Company	750							Insurance
Conning	500					✓		Insurance
Lord, Abbett	200						✓	Investment Manager-Mutual Fund

Note: Based on Ipreo as of August 9, 2023. Not all investors are required to report their holdings. Investors highlighted have participated in the University of Colorado tender in July 2023, San Antonio CPS Energy tender in May 2023, the State of Wisconsin tender in March 2023, the PTC tender in March 2023 and September 2022, LIPA/UDSA tender in September 2022 and Chicago/STSC tender and exchange in December 2021.

We also believe that a similar tender financing opportunity may exist for the County's Water and Sewer Bonds, Series 2015A and Series 2015B, which have \$178.05 million of outstanding bonds that are callable on October 1, 2025.

Forward Delivery Bonds. As an alternative approach to taxable advance refundings, a few issuers have also executed tax-exempt forward delivery refunding transactions to the call date or within the 90-day window of the call date. The impact on debt service savings has varied depending on the length of the forward period and the forward delivery premium associated with the transaction at the time of pricing. We analyzed the County's Airport System Bonds, Series 2015A (AMT) and Water and Sewer Bonds, Series 2015A and Series 2015B, which are callable on October 1, 2025, on a forward delivery basis to provide the best range of options for the County to balance generating maximum savings and inoculating interest rate risk. A forward refunding of the Water and Sewer Bonds, Series 2015A and Series 2015B, totaling \$137.145 million in refunding candidates that produce positive savings, generates \$2.44 million in PV savings, or 1.78% of refunded par (assuming current market conditions as of August 8, 2023, a pricing in late October 2023 and forward premium of 6 bps/month for a total of 20-month forward period extending to a delivery date of July 3, 2025, which is 90 days from the October 1, 2025 call date). Based on the same financing assumptions, a tax-exempt forward refunding of the Airport System Bonds, Series 2015A (AMT) currently produces minimal savings (less than 1% of refunded par). While we believe that a public sale of forward delivery bonds for the Water and Sewer Bonds, Series 2015A and Series 2015B is currently actionable, due to the marginal savings generated, we propose that the County not proceed with such a transaction but continue to monitor these opportunities as the call date approaches and as market conditions evolve.

10. Credit Facilities

Describe your firm's ability and willingness to provide credit facilities to the County. Provide examples of credit facilities provided to other Florida local governments.

Loop Capital does not itself provide credit facilities to its issuer clients, but we work closely with our commercial banking partners (described below) to do so. Our partners' strong capital positions and industry knowledge make them uniquely qualified and highly interested in delivering these options to our clients with our Firm's assistance.



CIBC (Canadian Imperial Bank of Commerce): Having purchased a minority stake in Loop Capital Markets in 2021, CIBC is committed to working closely with the Firm to offer a variety of financial products to our clients to broaden our banking practices. One of Canada's Big Five banks, CIBC (Aa2/A+/AA by Moody's/S&P/Fitch) has over \$690 billion in total assets and provides a broad range of personal and commercial banking, investment banking and wealth management products and services. Under the terms of the strategic relationship with CIBC, Loop Capital Markets will be able to provide a variety of financial products to our municipal issuer clients including, but not limited to, credit facilities, direct purchases and hedging instruments, such as rate locks and interest rate swaps.



BMO (Bank of Montreal): Loop also has a strategic alliance with BMO to provide financial products to our customers. While the BMO relationship is less formal our relationship with CIBC, the Firm has already delivered BMO credit to some of our municipal issuer clients, including a \$59 million SBPA for Illinois Housing and a \$272 million CP facility for the State of Oregon (ODOT credit). BMO has over \$774 billion in total assets and, as another of Canada's Big Five banks, is the 8th largest bank in North America as measured by assets with strong long-term ratings from Moody's, S&P and Fitch (of Aa2/A+/AA-).



Bank of China (BOC). The partnership between BOC and Loop Capital Markets has allowed both firms to pursue important strategic opportunities, with BOC offering direct purchase and credit enhancement products, e.g., term loans, revolving credit facilities, bilateral lines, standby LCs, while Loop gained greater access to overseas investors and business development. While highly selective, BOC has provided **liquidity to support municipal issuers' variable rate offerings**. With a strategic focus on gathering deposits, BOC offers competitive rates to corporations and also offers supply chain financing and trade services.



Mizuho Financial. Backed by the financial strength and risk-taking capacity of Mizuho Bank (\$1.9 trillion of assets; A1/A ratings, Moody's/S&P), Mizuho Financial brings its sophisticated approach to our clients. Our partnership with Mizuho enables the Firm to offer credit products, direct purchases and hedge products to our clients, as well as Mizuho's **balance sheet and capital allocation**.

Short-Term Experience. Loop Capital Markets is unique among minority-owned investment banks as the only such firm with a full-time short-term desk staffed with underwriting, sales and trading professionals with significant experience in the variable rate space and a

demonstrable track record as an underwriter, remarketing agent, and dealer for nearly all short-term and variable rate municipal products, including CP, ECP, VRDBs, FRNs, Put Bonds and Notes. The Firm does not purchase bonds directly for its own account, but our ability to market (and remarket) variable rate paper is exceptional. Loop Capital Markets ranks among the top 15 municipal CP dealers and the top 20 VRDB remarketing agents. At nearly \$1.8 billion (amount authorized to Loop) with 20 CP programs, our CP book is “big enough to matter” – to get buyers engaged, but “small enough to manage” – enabling us to give individualized attention to the CP programs we remarket, rather than setting generic clearing rates as is the case with many bulge bracket dealers. The Firm was also recently appointed as CP Dealer on an inaugural CP program for the State of Oregon (ODOT credit) and we were instrumental in bringing in our strategic banking partner – Bank of Montreal as one of the liquidity providers for the program.

11. Client Educational Efforts

Describe any client educational efforts your firm provides.

Loop provides its municipal clients with a Weekly Market and Credit Update, which compiles pertinent data, developments, and news into a concise and comprehensive format. The Weekly Market and Credit Update is a brief synopsis of the municipal and corporate markets with relevant credit updates by sector. Loop Capital Markets is happy to provide these updates to the County staff and officials should you be interested.

Additionally, senior members of Loop have leveraged their experience to assume significant leadership roles in industry-wide oversight and regulatory bodies, allowing us to provide our municipal clients with invaluable industry insight. Loop's professionals hold leadership positions throughout various industry organizations (Jim Reynolds, Chairman and CEO, serves as the Board Chair of the Securities Industry and Financial Markets Association (SIFMA), Bo Daniels, Head of Public Finance, serves as a MSRB Board Member and Rachel, Barkley, Credit Specialist, serves as the Immediate Past Chair and on the Executive Committee of the National Federation of Municipal Analysts (NFMA)). In addition to their leadership roles, Loop's professionals regularly attend and participate in industry-wide conferences. For example, earlier this year Rachel was a speaker at the SEC's Municipal Disclosure Conference concentrating on the impact of the Financial Data Transparency Act (FDTA) and voluntary disclosure practices of municipal issuers, as well as ESG practices and emerging issues in the municipal market.

12. SEC and Regulatory Investigations

Provide details on any active SEC or other regulatory investigations of your firm on a firm-wide basis. Provide the results of any past investigations or enforcement actions related to public finance or muni sales activities

In September 2022, without admitting or denying the violations, Loop Capital Markets LLC entered a settlement with the SEC regarding allegations that between 2017 and 2019, the Firm acted as a Municipal Advisor without registration in connection with the investment of municipal bond proceeds by a municipal entity. The Firm's Institutional Fixed Income sales and trading desk was the focus of the inquiry.

From time to time and as a regular course of business, Loop Capital Markets responds to requests for information and subpoenas from its designated examining authority and federal and state regulatory organizations. In connection with these inquiries, the Firm and its associated persons provide documents, information and appear for testimony. To the best of the Firm's knowledge, neither it nor any of its associated persons are the subjects or targets of the proceedings. Loop Capital Markets does not believe any of the aforementioned matters is material in nature or would otherwise affect the Firm's performance of services to Broward County.

For additional information on any older regulatory investigations, please visit: <https://brokercheck.finra.org/firm/summary/43098>

APPENDIX A

A. Loop's Transaction Lists

**Broward County Board of
County Commissioners**

GEN2126726Q1

Airport Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
07/19/23	215.28	Dallas & Fort Worth Cities-Texas	Joint Revenue Refunding Bonds	Series 2023A	LEAD	Negotiated	A1 / A+		
06/29/23	108.19	Houston City-Texas	Airport System Rev & Ref Bonds	Series 2023B	CO-MGR	Negotiated	A1 / A+		
06/29/23	647.87	Houston City-Texas	Airport System Rev & Ref Bonds	Series 2023A	CO-MGR	Negotiated	A1 / A+		
06/06/23	248.30	Port Authority of New York & New Jersey	Consolidated Bonds	238th Series	CO-MGR	Negotiated	Aa3 / AA-	3.940	
05/16/23	8.87	Salina Airport Authority	General Obligation Bonds	Series 2023-B	SOLE	Competitive	Aa3 / NR		4.291
01/27/23	4.86	St Louis City-Missouri	Airport Revenue Bonds	Series 2023B	LEAD	Negotiated	A2 / A		
01/26/23	60.08	St Louis City-Missouri	Airport Revenue Bonds	Series 2023A	LEAD	Negotiated	A2 / A		
11/16/22	94.53	Metro Nashville Airport Auth	Airport Improvement Revenue Bonds	Series 2022A	CO-MGR	Negotiated	A1 / A+		
11/16/22	501.56	Metro Nashville Airport Auth	Airport Improvement Revenue Bonds	Series 2022B	CO-MGR	Negotiated	A1 / A+		
11/03/22	349.18	Denver City and Co-Colorado	Airport System Revenue Bonds	Series 2022C	CO-MGR	Negotiated	Aa3 / AA-		
11/03/22	817.81	Denver City and Co-Colorado	Airport System Revenue Bonds	Series 2022D	CO-MGR	Negotiated	Aa3 / AA-		
09/15/22	250.00	Port Authority of New York & New Jersey	Consolidated Bonds	234 Series	CO-MGR	Negotiated	Aa3 / A+		
08/31/22	150.45	Chicago City-Illinois	General Airport Sr Lien Bonds	Series 2022B	CO-MGR	Negotiated	NR / A+		
08/31/22	343.08	Chicago City-Illinois	General Airport Sr Lien Ref Bonds	Series 2022D	CO-MGR	Negotiated	NR / A+		
08/31/22	575.91	Chicago City-Illinois	General Airport Rev & Ref Bonds	Series 2022A&C	CO-MGR	Negotiated	NR / NR		
08/31/22	698.57	Chicago City-Illinois	General Airport Sr Lien Rev Bonds	Series 2022A	CO-MGR	Negotiated	NR / A+		
07/07/22	175.57	Denver City and Co-Colorado	Airport Sys Revenue Bonds	Series 2022B	CO-MGR	Negotiated	Aa3 / AA-		
07/07/22	1,465.56	Denver City and Co-Colorado	Airport Sys Revenue Bonds	Series 2022A	CO-MGR	Negotiated	Aa3 / AA-		
06/09/22	261.33	Atlanta City-Georgia	Airport Gen Rev Bonds	Ser 2022 B&D	LEAD	Negotiated	Aa3 / AA-		
06/09/22	285.09	Atlanta City-Georgia	Airport & Sub Ln Gen Rev Bonds	Ser 2022 A&C	LEAD	Negotiated	Aa3 / AA-		
05/24/22	205.28	Metro Washington Airports Auth	Airport Sys Rev Refunding Bonds	Series 2022A	CO-MGR	Negotiated	Aa3 / AA-		
05/12/22	562.78	Port Authority of New York & New Jersey	Consolidated Bonds	Series 231st & 232nd	CO-MGR	Negotiated	Aa3 / A+		
05/12/22	14.34	St Louis City-Missouri	Airport Revenue Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	A2 / NR		
04/26/22	416.06	Austin City-Texas	Airport System Revenue Bonds	Series 2022	CO-MGR	Negotiated	A1 / NR	3.510	
04/05/22	1,323.93	New York Transportation Development Corporation	Special Fac Revenue Bonds	Series 2022	CO-MGR	Negotiated	Baa1 / BBB		
02/08/22	19.74	Greater Orlando Aviation Auth	Airport Facs Ref Rev Bonds	Series 2022 D	CO-MGR	Negotiated	Aa3 / AA-		
02/08/22	75.54	Greater Orlando Aviation Auth	Airport Revenue & Ref Bonds	Series 2022 B & E	CO-MGR	Negotiated	Aa3 / AA-		
02/08/22	191.77	Greater Orlando Aviation Auth	Airport Facs Rev & Ref Bonds	Series 2022 A & C	CO-MGR	Negotiated	Aa3 / AA-		
02/02/22	40.99	Los Angeles Dept of Airports	Sub Revenue Refunding Bonds	2022 Series F	LEAD	Negotiated	Aa3 / AA-		
02/02/22	307.07	Los Angeles Dept of Airports	Sub Revenue & Ref Rev Bonds	2022 Series C	LEAD	Negotiated	Aa3 / AA-		
02/01/22	121.77	Los Angeles Dept of Airports	Sub Revenue & Ref Rev Bonds	2022 Series D&E	LEAD	Negotiated	Aa3 / AA-		
10/28/21	299.31	Dallas & Fort Worth Cities-Texas	Joint Revenue Ref Bonds	Series 2021 B	CO-MGR	Negotiated	A1 / A+		
09/21/21	125.82	Los Angeles Dept of Airports	Sub Refunding Rev Bonds	2021 Series E	CO-MGR	Negotiated	Aa3 / AA-	2.160	
09/21/21	753.20	Los Angeles Dept of Airports	Subordinate Revenue Bonds	2021 Series D	CO-MGR	Negotiated	Aa3 / AA-	2.160	
09/15/21	161.58	Atlanta City-Georgia	Airport General Rev Ref Bonds	Series 2021 C	LEAD	Negotiated	Aa3 / AA-	3.550	
09/15/21	174.29	Atlanta City-Georgia	Airport General Rev Ref Bonds	Series 2021 A & B	LEAD	Negotiated	Aa3 / AA-	3.560	
06/17/21	150.06	New York Transportation Development Corporation	Special Facility Rev Bonds	Series 2021	CO-MGR	Negotiated	NR / NR		
06/09/21	29.52	Wayne Co Airport Auth	Airport Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	A1 / A		
06/09/21	121.26	Wayne Co Airport Auth	Airport Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	A1 / A		
04/21/21	108.42	Charlotte City-North Carolina	Airport Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Aa3 / AA-		
04/21/21	271.53	Charlotte City-North Carolina	Airport Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa3 / AA-		
03/30/21	2.31	Bangor City-Maine	General Obligation Bonds	2021 Series B	CO-MGR	Competitive	Aa2 / NR		2.419
03/10/21	56.45	Massachusetts Port Authority	Revenue Bonds	Series 2021-D	CO-MGR	Negotiated	Aa2 / AA		
03/10/21	349.08	Massachusetts Port Authority	Revenue Bonds	Series 2021-E	CO-MGR	Negotiated	Aa2 / AA		
01/21/21	205.35	Port Authority of New York & New Jersey	Consolidated Bonds	226th Series	CO-MGR	Negotiated	Aa3 / A+		
01/21/21	486.58	Port Authority of New York & New Jersey	Consolidated Bonds	223rd Series	CO-MGR	Negotiated	Aa3 / A+		
01/12/21	7.00	Outagamie Co-Wisconsin	GO Airport Bonds	Series 2021	CO-MGR	Competitive	Aaa / NR		1.295
12/03/20	113.97	Miami-Dade Co-Florida	Aviation Revenue Ref Bonds	Series 2020 B	CO-MGR	Negotiated	NR / A		
12/03/20	301.76	Miami-Dade Co-Florida	Aviation Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	NR / A		
11/19/20	54.60	Port of Oakland-California	Intermediate Ln Ref Rev Bonds	2021 Series H	CO-MGR	Negotiated	A2 / A	0.750	
11/19/20	103.13	Port of Oakland-California	Senior Lien Refunding Rev Bonds	2021 Series R	CO-MGR	Negotiated	A1 / A+	0.680	
09/24/20	465.79	Chicago City-Illinois	Gen Airport Sr Ln Rev Ref Bonds	Series 2020 D	LEAD	Negotiated	NR / A	5.640	
09/24/20	753.33	Chicago City-Illinois	Gen Airport Sr Ln Rev & Ref Bonds	Series 2020 A-C & E	LEAD	Negotiated	NR / A	6.590	
07/30/20	596.99	Dallas & Fort Worth Cities-Texas	Joint Revenue Refunding Bonds	Series 2020 C	CO-MGR	Negotiated	A1 / A+		
07/30/20	596.99	Dallas & Fort Worth Cities-Texas	Joint Revenue Refunding Bonds	Series 2020 C	CO-MGR	Negotiated	A1 / A+		
07/14/20	195.88	Dallas & Fort Worth Cities-Texas	Joint Revenue Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	A1 / A+		
07/14/20	195.88	Dallas & Fort Worth Cities-Texas	Joint Revenue Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	A1 / A+		
06/17/20	360.40	New York Transportation Development Corporation	Special Facility Revenue Bonds	Series 2020	CO-MGR	Negotiated	NR / BB-	12.100	
12/12/19	72.17	Metro Washington Airports Auth	Airport Sys Revenue Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa3 / AA-		
12/12/19	283.39	Metro Washington Airports Auth	Airport Sys Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	Aa3 / AA-		
11/19/19	700.00	Port Authority of New York & New Jersey	Consolidated Bonds	218th, 219th, 220th Ser	CO-MGR	Negotiated	Aa3 / AA-		
11/06/19	60.49	Phoenix City Civic Imp Corp	Rental Car Facility Charge Bonds	Series 2019 B	CO-MGR	Negotiated	A2 / A		
11/06/19	244.25	Phoenix City Civic Imp Corp	Rental Car Facility Charge Bonds	Series 2019 A	CO-MGR	Negotiated	A2 / NR		
09/20/19	1,135.37	Greater Orlando Aviation Auth	Airport Facilities Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA-	2.930	
09/17/19	5.41	Cleveland City-Ohio	Airport System Revenue Bonds	Series 2019 C	LEAD	Negotiated	A2 / A-		
09/17/19	34.61	Cleveland City-Ohio	Airport System Revenue Bonds	Series 2019 B	LEAD	Negotiated	A2 / A-		
09/17/19	301.67	Cleveland City-Ohio	Airport System Revenue Bonds	Series 2019 A	LEAD	Negotiated	A2 / A-		
08/23/19	27.09	Miami-Dade Co-Florida	Aviation Revenue Refunding Bonds	Series 2019 C & D	CO-MGR	Negotiated	NR / A		
08/23/19	360.50	Miami-Dade Co-Florida	Aviation Revenue Refunding Bonds	Series 2019 E	CO-MGR	Negotiated	NR / A		
07/10/19	157.68	Massachusetts Port Authority	Revenue Bonds	Series 2019-B	CO-MGR	Negotiated	Aa2 / AA	2.940	
07/10/19	297.37	Massachusetts Port Authority	Revenue Bonds	Series 2019-C	CO-MGR	Negotiated	Aa2 / AA		
06/20/19	8.44	St Louis City-Missouri	Airport Revenue Bonds	Series 2019 B	CO-MGR	Negotiated	A2 / NR		
06/20/19	88.71	St Louis City-Missouri	Airport Rev & Ref Bonds	Series 2019 A & C	CO-MGR	Negotiated	A2 / NR		
06/12/19	61.52	Kansas City Industrial Dev Au	Airport Special Obligation Bonds	Series 2019 C	CO-MGR	Negotiated	A2 / A		
06/12/19	824.77	Kansas City Industrial Dev Au	Airport Special Obligation Bonds	Series 2019 B	CO-MGR	Negotiated	A2 / A		
06/11/19	167.96	Los Angeles Dept of Airports	Subordinate Revenue Bonds	2019 Series D	CO-MGR	Negotiated	Aa3 / AA-		
06/11/19	265.19	Los Angeles Dept of Airports	Subordinate Revenue Bonds	2019 Series E	CO-MGR	Negotiated	Aa3 / AA-		
05/10/19	212.75	Miami-Dade Co-Florida	Aviation Revenue Ref Bonds	Series 2019 B	CO-MGR	Negotiated	NR / A	4.050	
05/10/19	282.18	Miami-Dade Co-Florida	Aviation Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	NR / A	4.960	
04/17/19	94.33	Columbus Regional Airport Auth	Customer Fac Charge Rev Bonds	Series 2019	CO-MGR	Negotiated	A3 / A-		
11/14/18	5.61	Warsaw Redevelopment Dt	Lease Rental Revenue Bonds	Series 2018	CO-MGR	Competitive	NR / NR		
10/31/18	159.98	Los Angeles Dept of Airports	Sub Revenue Bonds	2018 Series E	CO-MGR	Negotiated	Aa3 / AA-	0.380	
10/31/18	418.39	Los Angeles Dept of Airports	Sub Revenue Bonds	2018 Series D	CO-MGR	Negotiated	Aa3 / AA-	0.980	
10/30/18	49.03	Wayne Co Airport Auth	Airport Revenue & Refunding Bonds	Series 2018 B & D	CO-MGR	Negotiated	A2 / A	0.270	
10/30/18	182.91	Wayne Co Airport Auth	Airport Revenue & Refunding Bonds	Series 2018 A & C	CO-MGR	Negotiated	A2 / A	1.030	

Airport Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/E)	Gross Spread ^a (\$ per \$1,000 bond)	True Interest Cost ^a (%)
08/21/18	119.28	Memphis & Shelby Cos Airp Auth	Airport Revenue Bonds	Series 2018	CO-MGR	Negotiated	NR / A		
08/16/18	4.19	Miami-Dade Co-Florida	Aviation Revenue Refunding Bonds	Series 2018 B	CO-MGR	Negotiated	NR / A	2.880	
08/16/18	19.75	Miami-Dade Co-Florida	Aviation Revenue Refunding Bonds	Series 2018 A	CO-MGR	Negotiated	NR / A	3.860	
08/16/18	766.82	Miami-Dade Co-Florida	Aviation Revenue Refunding Bonds	Series 2018 C	CO-MGR	Negotiated	NR / A	4.780	
TOTAL	24,993.47								

^a Based on available information from SDC

Port Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
06/21/23	379.93	Port Authority of New York & New Jersey	Consolidated Bonds	Series 240th & 241st	LEAD	Negotiated	Aa3 / AA-		
06/06/23	463.45	Port Authority of New York & New Jersey	Consolidated Bonds	239th Series	CO-MGR	Negotiated	Aa3 / AA-	3.930	
04/26/23	201.20	Virginia Port Authority	Revenue & Refunding Bonds	Series 2023 A&B	CO-MGR	Negotiated	Aa1 / AA+		
03/28/23	39.02	San Francisco City/Co-California	General Obligation Bonds	Series 2023B	CO-MGR	Competitive	Aaa / AA+		
11/16/22	23.45	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2022B	CO-MGR	Negotiated	NR / NR		
09/15/22	50.00	Port Authority of New York & New Jersey	Consolidated Bonds	235th Series	CO-MGR	Negotiated	Aa3 / A+		
09/15/22	150.00	Port Authority of New York & New Jersey	Consolidated Bonds	233 Series	CO-MGR	Negotiated	Aa3 / A+		
05/12/22	346.42	Port Authority of New York & New Jersey	Consolidated Bonds	Series 230th	CO-MGR	Negotiated	Aa3 / A+		
03/10/22	6.02	St Paul Port Authority	General Obligation Bonds	Series 2022-2	CO-MGR	Competitive	NR / NR		2.299
12/15/21	420.00	Port Authority of New York & New Jersey	Consolidated Bonds	229 Series	CO-MGR	Negotiated	Aa3 / A+		
11/19/20	127.41	Port of Oakland-California	Intermediate Ln Ref Rev Bonds	2021 Series H	CO-MGR	Negotiated	A2 / A	1.750	
11/19/20	240.63	Port of Oakland-California	Senior Lien Refunding Rev Bonds	2021 Series R	CO-MGR	Negotiated	A1 / A+	1.580	
09/02/20	65.51	Metropolitan Pier & Expo Auth	Revenue Refunding Bonds	Series 2020 B	LEAD	Negotiated	NR / NR		
09/02/20	95.18	Metropolitan Pier & Expo Auth	Revenue & Refunding Bonds	Series 2020 C & D	LEAD	Negotiated	NR / BB+		
07/01/20	1,100.00	Port Authority of New York & New Jersey	Consolidated Notes	Series AAA	CO-MGR	Negotiated	Aa3 / AA-		
02/21/20	9.38	Illinois International Port Dt	Revenue Refunding Bonds	Series 2020	SOLE	Private	NR / NR		
11/13/19	4.95	St Paul Port Authority	GO Refunding Bonds	Series 2019-3	CO-MGR	Competitive	NR / NR		2.419
12/07/18	22.97	Delaware River Port Auth of PA NJ	Revenue Bonds	Series C of 2018	CO-MGR	Negotiated	A2 / NR	2.860	
12/07/18	677.54	Delaware River Port Auth of PA NJ	Revenue & Refunding Bonds	Series A & B of 2018	CO-MGR	Negotiated	A2 / NR	2.860	
08/16/18	300.00	Port Authority of New York & New Jersey	Consolidated Bonds	211 Series	CO-MGR	Negotiated	Aa3 / AA-		
08/16/18	400.00	Port Authority of New York & New Jersey	Consolidated Bonds	211 Series	CO-MGR	Negotiated	Aa3 / AA-		
TOTAL	5,123.03								

* Based on available information from SDC

Broward County Board of
County Commissioners

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
08/02/23	289.17	San Antonio City-Texas	Water Sys Jr Ln Rev&Ref Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / AA		
05/24/23	19.25	Hillsborough Town-California	Revenue Refunding Bonds	Series 2023	SOLE	Negotiated	NR / NR		
05/10/23	33.78	Mishawaka City-Indiana	Sewage Works Revenue Bonds	Series of 2023	SOLE	Competitive	NR / NR		
04/12/23	3.75	Northwest Harris Co MUD #23	Wtrwks & Swr Sys Comb Rev Bonds	Series 2023	CO-MGR	Competitive	A3 / NR		
03/30/23	6.61	Montgomery Co MUD #186	Contract Revenue Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/29/23	6.54	Far North Fort Worth MUD #1	Unlimited Tax Utility Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/28/23	9.33	Fort Bend Co MUD #30	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	A2 / NR		
03/28/23	11.32	West Williamson Co MUD #1	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	Baa2 / NR		
03/23/23	2.68	Ligonier City-Indiana	Sewer Works Revenue Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/21/23	9.33	Harris-Fort Bend Cos MUD #1	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/20/23	6.72	Belmont Fresh Wtr Supply Dt #1	Unlimited Tax Utility Bonds	Series 2023	CO-MGR	Competitive	A3 / NR		
03/15/23	2.23	Fort Bend Co MUD #122	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/15/23	2.57	Galveston Co MUD #44	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/09/23	1,293.00	NYC Municipal Water Fin Auth	Wtr&Swr Sys 2nd Gen Res Rev Bonds	2023 Series DD	CO-MGR	Negotiated	Aa1 / AA+	4.720	
03/08/23	17.34	Brazoria Co MUD #53	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/08/23	5.00	Harris Co MUD #422	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
03/02/23	5.50	Brazoria Co MUD #43	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	Baa3 / NR		
02/22/23	5.38	West Harris Co MUD #21	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	A2 / NR		
02/21/23	4.18	Denton Co Fresh Water Supply Dt #11-B	Unlimited Tax Utility Bonds	Series 2023	CO-MGR	Competitive	Baa1 / NR		
02/16/23	8.31	Fort Bend Co MUD #162	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	Baa2 / NR		
02/16/23	9.53	Fort Bend Co MUD #25	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	A2 / NR	22.380	
02/08/23	4.01	Brazos Co MUD #1	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
02/01/23	5.10	Williamson Co MUD #30	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
01/31/23	20.64	East Montgomery Co MUD #12	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
01/19/23	10.50	Harris-Brazoria Cos MUD #509	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	A3 / NR		
01/18/23	545.32	California Infstr & Eco Dev Bank	Clean Wtr & Drinking Wtr Bonds	Series 2023	CO-MGR	Competitive	Aaa / AAA	2.800	3.384
01/18/23	22.75	Sunfield MUD #4	Unlimited Tax Contract Rev Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
01/17/23	9.09	Harris Co MUD #465	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
01/09/23	6.84	Montgomery Co Utility Dt #3	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
01/05/23	17.62	Northern Kentucky Water Dt	Revenue Bonds	Series 2023A	CO-MGR	Competitive	Aa2 / NR	13.490	3.978
12/20/22	9.11	Merrillville Conservancy Dt	Conservancy District Bonds	Series of 2022	CO-MGR	Competitive	NR / NR		
12/15/22	3.15	Windsor Vlg-Wisconsin	Water System Revenue Bonds	Series 2022B	CO-MGR	Competitive	NR / NR		3.714
12/12/22	6.50	Cool Water MUD	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	NR / NR		
12/12/22	7.73	Williamson Co MUD #31	Unlimited Tax Bonds	Series 2023	CO-MGR	Competitive	Baa3 / NR		
12/07/22	14.44	Harris Co MUD #500	Contract Revenue Bonds	Series 2023	CO-MGR	Competitive	A3 / NR		
11/17/22	12.65	East Montgomery Co MUD #3	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
11/17/22	24.92	NYC Municipal Water Fin Auth	Water & Sewer System Bonds	Fis 2023 Sub AA-2	LEAD	Negotiated	Aa1 / AA+		
11/17/22	27.15	NYC Municipal Water Fin Auth	Water & Sewer System Bonds	Fis 2023 Sub AA-2	LEAD	Negotiated	Aa1 / AA+		
11/17/22	27.15	NYC Municipal Water Fin Auth	Water & Sewer System Bonds	Fis 2023 Sub AA-2	LEAD	Negotiated	Aa1 / AA+		
11/17/22	670.79	NYC Municipal Water Fin Auth	Water & Sewer System Bonds	Fis 2023 Sub AA-1&3	LEAD	Negotiated	Aa1 / AA+		
11/16/22	150.00	Ohio Water Development Authority	Drinking Water Assistance Fund	Series 2022A	LEAD	Negotiated	Aaa / NR		
11/16/22	4.13	Palmer Plantation MUD #1	Waterworks and Sewer Sys Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		
11/16/22	4.17	Trail of the Lakes MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
11/15/22	5.28	Fort Bend Co MUD #215	Unlimited Tax Bonds	Series 2022B	CO-MGR	Competitive	Baa1 / NR		
11/15/22	5.60	Harris Co Utility Dt #6	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
11/14/22	4.34	Brooklyn Center City-Minnesota	GO Imp & Utility Rev Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		3.382
11/14/22	6.25	Lakeside Wtr Ctrl & Imp Dt #2A	Unlimited Tax Bonds	Series 2022A	CO-MGR	Competitive	Baa3 / NR		
11/14/22	5.28	Williamson Co MUD #31	Unlimited Tax Bonds	Series 2022A	CO-MGR	Competitive	Baa3 / NR		
11/09/22	5.66	Harris Co MUD #248	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
11/07/22	12.06	Montgomery Co MUD #128A	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
10/31/22	9.36	Montgomery Co MUD #111	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
10/27/22	22.10	Harris-Montgomery Cos MUD #386	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Aa3 / NR		
10/26/22	2.06	Paseo Del Este MUD #1	Unlimited Tax Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		
10/25/22	7.21	Montgomery Co MUD #99	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
10/20/22	17.70	Temple City-Texas	Utility System Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		4.229
10/18/22	1.19	Greene Co-Ohio	Sewer System Ltd Tax GO Bonds	Series 2022	CO-MGR	Competitive	Aa1 / NR		4.177
10/18/22	79.90	Indiana Finance Authority	State Revolv Fund Program Bonds	Series 2022D	CO-MGR	Negotiated	Aaa / AAA		
10/17/22	7.70	Cinco Southwest MUD #1	Contract Revenue Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		
10/17/22	2.80	Stevens Point City-Wisconsin	Sewerage System Rev Bonds	Series 2022	CO-MGR	Competitive	Aa3 / NR		4.026
10/17/22	3.43	Stevens Point City-Wisconsin	Storm Water System Rev Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		4.122
10/17/22	4.27	Stevens Point City-Wisconsin	Water System Revenue Bonds	Series 2022	CO-MGR	Competitive	Aa3 / NR		4.012
10/13/22	2.72	Bauer Landing Wtr Ctrl & Imp Dt	Unlimited Tax Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		
10/13/22	6.65	Harris Co Water Ctrl Imp Dt #109	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		
10/13/22	2.75	Paseo Del Este MUD #2	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
10/11/22	7.06	Collin Co MUD #2	Unlimited Tax Utility Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
10/05/22	5.33	Harris Co MUD #457	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
10/05/22	13.65	Kaufman Co Fresh Wtr Supp Dt #4A	Unlimited Tax Utility Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
10/05/22	2.90	Watch Hill MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
09/28/22	9.65	Dowdell Public Utility Dt	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		4.912
09/27/22	4.85	River Falls City-Wisconsin	Water System Revenue Bonds	Series 2022D	CO-MGR	Competitive	Aa3 / NR		4.154
09/26/22	9.62	Montgomery Co MUD #137	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
09/22/22	13.84	Harris Co MUD #490	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
09/12/22	6.36	Harris Co MUD #189	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
08/31/22	12.50	Fort Bend Co MUD #220	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
08/30/22	12.49	Great Lakes Water Auth (GLWA)	Swg Disposal Sys Rev Ref Bonds	Series 2022C	CO-MGR	Negotiated	A1 / A+		
08/30/22	197.97	Great Lakes Water Auth (GLWA)	Swg Disposal Sys Rev Bonds	Series 2022A&B	CO-MGR	Negotiated	A1 / A+		
08/30/22	207.22	Great Lakes Water Auth (GLWA)	Revenue Sr Lien Bonds	Series 2022A&B	CO-MGR	Negotiated	A1 / A+		
08/30/22	20.11	Harris Co MUD #495	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
08/25/22	5.75	Brazoria Co MUD #32	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
08/25/22	13.41	Charlotte City-North Carolina	Water & Swr Sys Rev Bonds	Series 2022B	CO-MGR	Negotiated	Aaa / AAA		
08/25/22	464.68	Charlotte City-North Carolina	Water & Swr Sys Rev Bonds	Series 2022A	CO-MGR	Negotiated	Aaa / AAA		
08/24/22	85.41	Baltimore City-Maryland	Project Revenue Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / NR		
08/24/22	10.50	Fort Bend Co MUD #218	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
08/24/22	14.17	Fort Bend-Waller Cos MUD #3	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
08/24/22	8.19	West Deptford Twp-New Jersey	General Obligation Bonds	Series 2022	CO-MGR	Competitive	NR / NR		3.462

**Broward County Board of
County Commissioners**

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
08/18/22	1.34	Knowlton Twp-New Jersey	Sewer Utility Bonds	Series 2022	CO-MGR	Competitive	Aa3 / NR		3.921
08/16/22	7.26	Porter MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
08/02/22	1.03	Chippewa Falls City-Wisconsin	Water System Rev Bonds	Series 2022D	CO-MGR	Competitive	Aa3 / NR		3.533
08/02/22	1.44	Chippewa Falls City-Wisconsin	Sewer System Rev Bonds	Series 2022E	CO-MGR	Competitive	Aa3 / NR		3.009
08/01/22	5.50	Williamson-Liberty Hill MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
07/28/22	8.16	Northlake Muni Management Dt #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
07/14/22	8.80	Montgomery Co MUD #139	Unlimited Tax Utility Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
07/12/22	6.50	Fort Bend Co MUD #169	Contract Revenue Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
07/12/22	130.81	Trinity River Authority	Reg Wastewater Sys Rev Bonds	Series 2022	CO-MGR	Negotiated	NR / AAA		
07/07/22	24.44	Alvin City-Texas	Water & Swr Sys Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		3.633
07/07/22	13.00	Harris Co MUD #504	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
06/30/22	92.47	Corpus Christi City-Texas	Utility Sys Jr Lien Rev Imp Bonds	New Series 2022B	CO-MGR	Negotiated	Aa3 / AA-		
06/29/22	5.16	Brazoria Co MUD #39	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
06/28/22	1.93	Sabin City-Minnesota	GO Water Revenue Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		4.114
06/22/22	8.00	Harris Co MUD #434	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
06/22/22	10.61	Magnolia Pointe MUD #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
06/22/22	2.72	Pipestone City-Minnesota	General Obligation Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		3.510
06/21/22	1.86	Bemidji City-Minnesota	GO Water Revenue Bonds	Series 2022	CO-MGR	Competitive	NR / NR		3.716
06/21/22	3.95	Brazil City-Indiana	Swg Works & Rev & Ref Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
06/21/22	7.12	Brazoria Co MUD #22	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
06/16/22	13.42	Brazoria Co MUD #56	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
06/16/22	3.03	Olathe City-Kansas	Stormwater Syste Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		4.083
06/16/22	11.74	Olathe City-Kansas	Water & Sewer Sys Imp Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		3.919
06/16/22	3.21	West Harris Co MUD #10	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
06/14/22	8.41	Oshkosh City-Wisconsin	Storm Water Utility Rev Bonds	Series 2022C	CO-MGR	Competitive	A1 / NR		4.081
06/14/22	7.60	Rowlett City-Texas	Waterworks & Sewer Sys Bonds	Series 2022	CO-MGR	Competitive	Aa3 / NR		4.086
06/09/22	87.94	Greensboro City-North Carolina	Combined Enterprise Sys Rev Bonds	Series 2022	CO-MGR	Negotiated	Aa1 / AAA		
06/08/22	3.11	Butler City-Indiana	Sewage Works Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
06/06/22	6.00	Anoka City-Minnesota	GO Water Revenue Bonds	Sries 2022B	CO-MGR	Competitive	NR / NR		3.294
06/06/22	5.54	Northeast Harris Co MUD #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
06/02/22	68.01	Greater Texoma Utility Authority	Contract Revenue Bonds	Series 2022	CO-MGR	Competitive	NR / NR	11.160	4.034
05/24/22	145.74	Fort Worth City-Texas	Water & Sewer Sys Rev Bonds	Series 2022	CO-MGR	Competitive	Aa1 / AA		3.875
05/24/22	109.07	Metropolitan St Louis Sewer Dt	Wastewater Sys Imp & Ref Bonds	Series 2022B	CO-MGR	Negotiated	Aa1 / NR		
05/19/22	8.19	Whitewater City-Wisconsin	Waterworks & Sewer Sys Bonds	Series 2022B	CO-MGR	Competitive	NR / NR		4.184
05/16/22	8.16	Montgomery Co MUD #121	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
05/11/22	5.22	Oakland Co-Michigan	Water Supply Sys Imp Bonds	Series 2022	CO-MGR	Competitive	Aaa / NR		4.163
05/10/22	8.86	Brazoria-Fort Bend Co MUD #3	Unlimited Tax Utility Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
05/10/22	4.61	Cedar Rapids City-Iowa	Sewer Revenue Bonds	Series 2022 C	CO-MGR	Competitive	Aa2 / NR	2.260	3.967
05/10/22	7.86	Cedar Rapids City-Iowa	Water Revenue Bonds	Series 2022 D	CO-MGR	Competitive	Aa2 / NR	6.360	3.962
05/03/22	4.50	Fenton City-Michigan	Capital Improvement Bonds	2022 Series	CO-MGR	Competitive	NR / NR		3.963
05/03/22	8.00	Redwood Falls City-Minnesota	GO Utility Revenue Bonds	Series 2022B	CO-MGR	Competitive	NR / NR		
05/02/22	5.82	Hastings City-Minnesota	General Obligation Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		2.861
04/28/22	4.14	Germanatown Village-Wisconsin	Water System Revenue Bonds	Series 2022 C	CO-MGR	Competitive	Aa2 / NR		3.258
04/28/22	12.27	Sterling Heights City-Michigan	Ltd Tax GO Capital Imp Bonds	2022 Series	CO-MGR	Competitive	NR / NR		3.762
04/26/22	168.25	San Diego Public Facs Fin Auth	Sub Sewer Revenue Bonds	Series 2022A	CO-MGR	Negotiated	NR / AA	1.420	
04/21/22	4.07	Fort Bend Co MUD #25	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
04/21/22	39.75	West Travis Co Pub Util Agency	Revenue Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		3.989
04/20/22	14.92	Knoxville City-Tennessee	Wastewater Sys Rev Ref Bonds	Series MM-2022	CO-MGR	Competitive	Aa1 / NR		3.513
04/12/22	11.70	Harris Co MUD #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
03/24/22	11.50	Far North Fort Worth MUD #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
03/21/22	7.26	Montgomery Co MUD #113	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
03/17/22	1.66	Skyline City-Minnesota	GO Water Revenue Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		
03/15/22	8.00	Hays Co MUD #4	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa3 / NR		
03/09/22	17.20	Sunfield MUD #4	Unltd tax Contract Rev Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
03/03/22	4.54	Montgomery Co MUD #105	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa2 / NR		
03/03/22	25.44	West Knox Utility Dt	Wtr & Swr Rev Ref Bonds	Series 2022	CO-MGR	Competitive	NR / NR		2.662
03/02/22	778.97	NYC Municipal Water Fin Auth	Wtr&Swr Sys 2nd Gen Res Rev Bonds	Series EE	CO-MGR	Negotiated	Aa1 / AA+		
02/24/22	79.59	District of Columbia Wtr & Swr Au	Public Utility Sub Lien Rev Bonds	Series 2022B	CO-MGR	Negotiated	Aa2 / AA		
02/24/22	148.93	District of Columbia Wtr & Swr Au	Pub Utility Sub Lien & Ref Bonds	Series 2022D	CO-MGR	Negotiated	Aa2 / AA		
02/24/22	206.73	District of Columbia Wtr & Swr Au	Pub Utility Sub Lien & Ref Bonds	Series 2022C	CO-MGR	Negotiated	Aa2 / AA		
02/17/22	10.45	Fort Bend Co Fresh Wtr Sup Dt #1	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	Baa1 / NR		
02/10/22	1.78	Carson City-Nevada	GO Ltd Tax Sewer Ref Bonds	Series 2022B	CO-MGR	Competitive	Aa3 / NR		2.029
02/08/22	170.00	San Diego Co Water Auth	Water Revenue Bonds	Series 2022A	LEAD	Negotiated	Aa2 / AA+		
02/04/22	500.00	NYC Municipal Water Fin Auth	Water & Sewer Revenue Bonds	Fiscal 2022 SerCC1&2	CO-MGR	Negotiated	Aa1 / AA+		
01/19/22	4.79	Harris Co MUD #390	Unlimited Tax Bonds	Series 2022B	CO-MGR	Competitive	NR / NR		
01/18/22	17.69	Harris Co MUD #55	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
01/18/22	14.82	Kentucky Rural Water Fin Corp	Public Project Ref Rev Bonds	Series 2022A	CO-MGR	Competitive	NR / NR		2.428
01/13/22	3.82	Morehead-Kentucky	Utility Sys Rev Refunding Bonds	2022 Series A	CO-MGR	Competitive	A1 / NR		1.964
01/12/22	3.62	Harris Co MUD #500	Contract Revenue Bonds	Series 2022	CO-MGR	Competitive	A3 / NR		
01/05/22	77.79	San Antonio Water System	Water Sys Jr Lien Rev Ref Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / AA		
12/20/21	26.05	Bridgestone MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	NR / NR		
12/15/21	6.49	Greenwood Utility Dt	Waterworks & Swr Sys Comb Bonds	Series 2022	CO-MGR	Competitive	NR / NR		2.647
12/15/21	41.46	Gresham City-Oregon	Water Revenue Bonds	Series 2021	CO-MGR	Competitive	NR / NR		2.118
12/15/21	13.80	Harris Co MUD #153	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A1 / NR		2.328
12/15/21	6.47	Pilot Knob MUD #3	Unlimited Tax Bonds	Series 2021A	CO-MGR	Competitive	Baa2 / NR		
12/14/21	24.91	Monterey Regional Waste Mgmt Au	Integrated Waste Mgt Sys Bonds	Series 2021	SOLE	Negotiated	NR / NR		
12/06/21	7.00	Blue Ridge West MUD	Unlimited Tax Bonds	Series 2022	CO-MGR	Competitive	A2 / NR		
12/02/21	13.89	Owensboro Reg Water Resource Agy	Wastewater Revenue Bonds	2021 Series A	CO-MGR	Competitive	NR / NR		1.997
11/30/21	10.00	Minnetonka City-Minnesota	GO Utility Revenue Bonds	Series 2021A	CO-MGR	Competitive	Aaa / NR		1.365
11/22/21	1.12	Grand Rapids City-Minnesota	GO Utility Revenue Ref Bonds	Series 2021D	CO-MGR	Competitive	NR / NR		1.296
11/18/21	12.27	Denton Co Fresh Wtr Sup #10	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		
11/18/21	5.65	Harris Co MUD #368	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		
11/18/21	2.54	Ligonier City-Indiana	Waterworks Revenue Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		
11/17/21	4.63	Belmont Fresh Wtr Supply Dt #1	Unlimited Tax Utility Bonds	Series 2021	CO-MGR	Competitive	A3 / NR		
11/17/21	9.66	Fort Bend Co MUD #190	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
11/17/21	13.09	Wabash-Indiana	Sewage Works Revenue Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		2.145
11/16/21	143.94	Greater Chicago Metro Wtr Rec Dt	GO Ltd Tx & Capital Imp Bonds	2021 Series A & B	CO-MGR	Negotiated	NR / AAA		

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ² (\$ per \$1,000 bond)	True Interest Cost ³ (%)
11/16/21	158.33	Greater Chicago Metro Wtr Rec Dt	GO & Alt Rev Source Ref Bonds	2021 Series E & F	CO-MGR	Negotiated	NR / AAA		
11/16/21	197.74	Greater Chicago Metro Wtr Rec Dt	GO Ltd Tx & Capital Imp Bonds	2021 Series C & D	CO-MGR	Negotiated	NR / AAA		
11/16/21	3.15	Stevens Point City-Wisconsin	Storm Water System Rev Bonds	Series 2021	CO-MGR	Competitive	A1 / NR		1.946
11/10/21	23.30	Fort Bend Co MUD #182	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A3 / NR		
11/04/21	3.31	Willow Point MUD	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
11/01/21	5.00	Fort Bend Co MUD #170	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
11/01/21	5.37	Nobles Co-Minnesota	GO Water Rev Ref Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		1.825
10/28/21	261.33	Indiana Finance Authority	State Revolving Fund Prog Bonds	Series 2021 B	CO-MGR	Negotiated	Aaa / AAA		
10/27/21	4.20	Harris Co MUD #480	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		
10/21/21	4.63	Alvin City-Texas	Water & Sewer Sys Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.928
10/19/21	6.07	Brigantine City-New Jersey	Water/Sewer Utility Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.473
10/18/21	2.10	Grand Forks City-North Dakota	Sewer Reserve Rev Ref Bonds	Series 2021 C	CO-MGR	Competitive	Aa2 / NR		1.118
10/18/21	7.37	Jackson Co-Minnesota	GO Drainage Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		
10/14/21	5.61	Harris Co MUD #278	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		
10/12/21	7.72	Hurley City-Wisconsin	Water & Sewer System Rev Ref Bond	Series 2021	CO-MGR	Competitive	NR / NR		2.429
10/06/21	1.88	Capitol Region Watershed Dt	GO Refunding Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		0.925
10/05/21	3.53	Cottonwood Creek MUD #1	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa2 / NR		
09/29/21	5.80	Fort Bend Co MUD #194	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
09/28/21	10.02	Kentucky Rural Water Fin Corp	Public Project Ref Rev Bonds	Series 2021 D	CO-MGR	Competitive	NR / NR		2.105
09/22/21	6.00	Fulshear MUD #1	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa2 / NR		
09/20/21	4.11	Heatherloch MUD	Wtrwrk&Swr Sys Comb Unltd Tx Bond	Series 2021	CO-MGR	Competitive	A2 / NR		
09/16/21	19.09	New Caney MUD	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A3 / NR		
09/16/21	2.52	Travis Co Water Ctl & Imp Dt #17	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	Baa3 / NR		
09/15/21	88.10	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Series BB-2	CO-MGR	Negotiated	Aa1 / AA+		
09/15/21	542.24	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Series BB-1	CO-MGR	Negotiated	Aa1 / AA+		
09/15/21	1.68	Port Washington City-Wisconsin	Sewer System Revenue Bonds	Series 2021	CO-MGR	Competitive	A1 / NR		1.826
09/13/21	6.77	Harris Co MUD #531	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
09/13/21	5.50	Lakeside Wtr Ctl & Imp Dt #2A	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
09/09/21	2.81	Crosswinds MUD	Unlimited Tax Utility Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
09/09/21	6.95	Paseo Del Este MUD #6	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
09/08/21	3.52	Belchertown Water Dt	GO Water Bonds		CO-MGR	Competitive	NR / NR		2.096
09/08/21	18.00	Fort Bend Co Wtr Ctl & Imp Dt #2	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Aa2 / NR		
09/01/21	4.21	McKinney MUD #2	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
08/31/21	14.00	Fort Bend Co MUD #134B	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A3 / NR		
08/31/21	12.69	Harris Co MUD #287	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	A3 / NR		
08/23/21	4.35	Osage City-Minnesota	GO Water Revenue Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		1.303
08/18/21	14.67	St Paul City-Minnesota	Sewer Revenue & Refunding Bonds	Series 2021 F	CO-MGR	Competitive	NR / NR		1.347
08/16/21	3.87	Northwest Harris Co MUD #12	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		
08/03/21	16.60	Clinton Co Building Corporation	Loc Income Tx Lease Rent Bonds	Series 2021	CO-MGR	Competitive	NR / NR		2.411
08/02/21	2.59	Shorewood Village-Wisconsin	GO Water Project Bonds	Series 2021 A	CO-MGR	Competitive	Aa2 / NR		1.565
07/30/21	241.80	Durham City-North Carolina	Utility System Revenue Ref Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / AA+	3.160	
07/28/21	13.50	Muskegon Co-Michigan	Ltd Tx GO Wtr Supp Sys Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		2.175
07/27/21	94.51	King Co-Washington	Limited Tax GO Refunding Bonds	2021 Series B	CO-MGR	Negotiated	Aaa / NR	2.190	
07/27/21	231.20	King Co-Washington	Sewer Revenue Refunding Bonds	2021 Series A	CO-MGR	Negotiated	Aa1 / NR	2.190	
07/27/21	239.59	King Co-Washington	Limited Tax GO & Refunding Bonds	2021 Series A	CO-MGR	Negotiated	Aaa / NR	2.190	
07/27/21	6.92	Suffolk Co-New York	Sewer District Serial Bonds	2021 Series B	CO-MGR	Competitive	NR / NR		2.263
07/26/21	5.56	Fort Bend Co MUD #151	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	A1 / NR		
07/21/21	16.51	Fort Bend Co MUD #134E	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
07/19/21	2.80	Burkburnett City-Texas	Wtrwrks&Swr Sys Rev Ref&Imp Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.693
07/19/21	3.51	Dubuque City-Iowa	Water Revenue Refunding Bonds	Series 2021 C	CO-MGR	Competitive	A1 / NR		1.038
07/15/21	6.76	Kentucky Rural Water Fin Corp	Refunding & Imp Revenue Bonds	Series 2021 C	CO-MGR	Competitive	NR / NR		2.140
07/15/21	1.67	Travis Co Water Ctl & Imp Dt #17	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
07/15/21	13.43	Travis Co Water Ctl & Imp Dt #17	Water & Sewer Sys Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
07/14/21	52.19	Evansville City-Indiana	Sewage Works Ref Rev Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		
07/13/21	30.61	Celina City-Texas	Tx & Wtrwrks & Swr Sys Oblg	Series 2021 A	CO-MGR	Competitive	Aa3 / NR		1.868
07/13/21	6.38	Portland Water Dt	Water System Revenue Bonds	2021 Series	CO-MGR	Competitive	Aa3 / NR		1.459
07/07/21	6.54	Williamson Co MUD #19-A	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
07/01/21	50.00	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Subseries AA-2	CO-MGR	Negotiated	Aa1 / AA+		
07/01/21	400.00	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Subseries AA-1	CO-MGR	Negotiated	Aa1 / AA+		
06/30/21	3.22	Lynnfield Center Water Dt	GO Municipal Purpose Loan Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		1.759
06/29/21	3.00	Harris Co MUD #537	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		
06/29/21	5.83	Kentucky Rural Water Fin Corp	Refunding Revenue Bonds	Series 2021 B	CO-MGR	Competitive	NR / NR		2.634
06/23/21	368.72	Philadelphia City-Pennsylvania	Water & Wastewater Rev Ref Bonds	Series 2021 B	CO-MGR	Negotiated	A1 / A+		
06/23/21	3.75	Travis Co MUD #14	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
06/21/21	4.38	Fort Bend Co MUD #144	Unlimited Tax Bonds	Series 2021 A	CO-MGR	Competitive	Baa1 / NR		
06/15/21	6.01	Fort Bend Co MUD #215	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
06/15/21	4.00	Harris Co MUD #406	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa2 / NR		
06/10/21	3.05	Galveston Co MUD #32	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	Baa3 / NR		
06/10/21	3.07	Walworth Co Metro Sewerage Dt	GO Sewerage Bonds	Series 2021 B	CO-MGR	Competitive	NR / NR		1.674
06/03/21	10.95	Lafayette City-Indiana	Sewage Works Revenue Bonds	Series 2021 C	CO-MGR	Competitive	NR / NR		
06/02/21	8.72	Plattsburg-Missouri	Comb Wtrwrks & Swrg Sys & Imp Bond	Series 2021	CO-MGR	Competitive	NR / NR		1.972
05/26/21	8.59	Kentucky Rural Water Fin Corp	Refunding Revenue Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		1.937
05/25/21	8.41	St John Town-Indiana	Waterworks Revenue Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
05/20/21	6.04	Fort Bend Co MUD #25	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		
05/13/21	36.72	Wichita City-Kansas	Water & Sewer Util Rev Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		1.788
05/11/21	10.28	Cedar Rapids City-Iowa	Water Revenue Bonds	Series 2021 D	CO-MGR	Competitive	Aa2 / NR		1.633
05/11/21	1.62	Elk River City-Minnesota	GO Water Utility Rev Bonds	Series 2021 C	CO-MGR	Competitive	NR / NR		1.799
05/05/21	51.60	Mishawaka City-Indiana	Waterworks Revenue Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		1.874
05/04/21	35.27	Olathe City-Kansas	Wtr & Swr Sys Imp & Ref Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.541
04/27/21	26.88	Tyler City-Texas	Water and Sewer Revenue Bonds	Series 2021	CO-MGR	Competitive	NR / NR		2.034
04/21/21	101.27	Metropolitan Council	GO Wastewater Rev Ref Bonds	Series 2021 F	CO-MGR	Competitive	Aaa / NR		1.397
04/19/21	16.00	Harris Co MUD #423	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
04/14/21	7.25	Howard Co Reg Wtr Comm	Water Refunding Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		2.206
04/13/21	271.46	San Diego Co Water Auth	Water Revenue Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / AA+		
04/09/21	605.60	Miami-Dade Co-Florida	Water & Sewer Sys Revenue Bonds		CO-MGR	Negotiated	Aa3 / A+		
04/07/21	10.50	Bauer Drain Drainage Dt	GO Limited Tax Drain Bonds	2021 Series	CO-MGR	Competitive	NR / NR		2.740
03/22/21	2.97	Warsaw City-Indiana	Sewage Works Refunding Rev Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		

**Broward County Board of
County Commissioners**

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Rate	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
03/17/21	5.58	Indian Hill Village-Ohio	Waterworks Sys Imp Ltd GO Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.557
03/11/21	\$74.80	NYC Municipal Water Fin Auth	Municipal Wtr Finance Auth	Fiscal 2021 Ser DD	LEAD	Negotiated	Aa1 / AA+		
03/10/21	125.00	Ohio Water Development Authority	Drinking Wtr Assist Fund Rev Bond	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
03/09/21	1.50	Brightwaters-New York	Public Improvement Serial Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
02/24/21	75.00	NYC Municipal Water Fin Auth	Wtr & Swr 2nd Gen Reso Rev Bonds	SeriesC Subser CC-2	CO-MGR	Negotiated	Aa1 / AA+		
02/24/21	75.00	NYC Municipal Water Fin Auth	Wtr & Swr 2nd Gen Reso Rev Bonds	SeriesC Subser CC-2	CO-MGR	Negotiated	Aa1 / AA+		
02/24/21	403.26	NYC Municipal Water Fin Auth	Wtr & Swr 2nd Gen Reso Rev Bonds	SeriesC Subser CC-1&3	CO-MGR	Negotiated	Aa1 / AA+		
02/23/21	1.31	North Liberty-Indiana	Waterworks Util Rev & Ref Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		
02/04/21	178.20	New Orleans City-Louisiana	Sewerage Svc Rev Ref Bonds	Series 2021	CO-MGR	Negotiated	NR / BBB+		
02/04/21	194.30	New Orleans City-Louisiana	Water Revenue Refunding Bonds	Series 2021	CO-MGR	Negotiated	NR / BBB+		
01/26/21	8.18	Fort Bend Co MUD #30	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		
01/25/21	9.60	Spring Creek Utility Dt	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A2 / NR		99.227
01/21/21	188.89	So California Metro Water Dt	Water Revenue Bonds	2021 Series A	CO-MGR	Negotiated	Aa1 / NR		
01/20/21	4.14	Alexandria City-Indiana	Sewage Works Ref Revenue Bonds	Series 2021 B	CO-MGR	Competitive	NR / NR		
01/19/21	5.92	Montgomery Co MUD #121	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
01/14/21	12.26	Auburn-Indiana	Sewage Works Ref & Imp Bonds	Series of 2021	CO-MGR	Competitive	NR / NR		1.146
12/17/20	4.07	Napoleon City-Ohio	Sewer System Ref Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.523
12/17/20	8.85	Northwest Harris Co MUD #5	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A1 / NR		
12/15/20	500.00	Illinois Finance Authority	Clean Wtr Initiative Revolv Bonds	Series 2020	CO-MGR	Negotiated	NR / AAA	3.980	
12/15/20	11.06	Kentucky Rural Water Fin Corp	Refunding & Improvement Rev Bonds	Series 2021	CO-MGR	Competitive	NR / NR		1.969
12/14/20	5.83	Mounds View-Minnesota	GO Water Revenue Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		0.919
12/10/20	5.83	Fort Bend Co MUD #48	Unlimited Tax Bonds	Series 2021	CO-MGR	Competitive	A3 / NR		
12/09/20	30.01	Cascade Water Alliance	Water System Ref Ref Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.503
12/08/20	3.03	Caney Creek MUD	Unlimited Tax Refunding Bonds	Series 2021	CO-MGR	Competitive	NR / NR		
12/07/20	2.08	Shorewood Village-Wisconsin	Sewerage System Revenue Bonds	Series 2020 D	CO-MGR	Competitive	A1 / NR		1.420
12/03/20	6.54	Kentucky Rural Water Fin Corp	Refunding Revenue Bonds	Series 2020 H	CO-MGR	Competitive	NR / NR		2.690
12/03/20	534.43	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Reso Bonds	Series BB-1 & 2	CO-MGR	Negotiated	Aa1 / AA+		
12/01/20	17.44	Madison City-Wisconsin	Sewer System Rev & Ref Bonds	Series 2020-D	CO-MGR	Competitive	Aa2 / NR		1.118
11/24/20	8.14	Greenwood Utility Dt	Wtrwks & Swr Sys Comb Unltd Bonds	Series 2020-A	CO-MGR	Competitive	Baa2 / NR		
11/23/20	4.54	Genoa Charter Twp-Michigan	Ltd Tx GO Capital Imp Ref Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.602
11/19/20	5.00	Harris Co MUD #410	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
11/18/20	107.38	Baltimore Mayor & City Council-Maryland	Project Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR		
11/18/20	556.41	Baltimore Mayor & City Council-Maryland	Refunding Revenue Bonds	Series 2020 A & B	CO-MGR	Negotiated	Aa2 / NR		
11/17/20	64.75	New Orleans City-Louisiana	Sewage Service Revenue Bonds	Series 2020 B	CO-MGR	Negotiated	NR / BBB+		
11/16/20	4.59	Cottonwood Water Co-Minnesota	GO Water Revenue Ref Bonds	Series 2020 A	CO-MGR	Competitive	NR / AA-		1.889
11/16/20	2.20	Harris Co MUD #381	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
11/16/20	9.34	Nobles Co-Minnesota	GO Water Revenue Ref Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR		1.966
11/16/20	4.52	Waconia City-Minnesota	GO Wtr & Sewer Rev Ref Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR		0.506
11/12/20	1.10	Paseo Del Este MUD #5	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
11/10/20	239.59	Portland City-Oregon	2nd Ln Swr Sys Rev Bonds	2020 Series A	CO-MGR	Competitive	Aa2 / NR		2.091
11/02/20	13.50	Fort Bend Co MUD #169	Contract Revenue Bonds	Series 2020 C	CO-MGR	Competitive	NR / NR		2.647
10/29/20	11.00	Williamson Co MUD #12	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
10/28/20	5.60	Cottonwood Creek MUD #1	Unlimited Tax Bonds	Series 2020 A	CO-MGR	Competitive	Baa3 / NR		
10/28/20	2.60	Harvey City-North Dakota	Water Revenue Refunding Bonds	Series 2020	CO-MGR	Competitive	NR / NR		2.382
10/27/20	23.14	Alderwood Water & Wastewater Dt	Water & Sewer Rev Ref Bonds	Series 2020 B	CO-MGR	Competitive	Aa2 / NR		2.470
10/26/20	2.40	Kohler-Wisconsin	GO Sewer System Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		1.798
10/22/20	10.69	Spanish Fork City-Utah	Water Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.615
10/22/20	386.68	Tarrant Regional Water Dt	Water System Revenue Ref Bonds	Series 2020 B	CO-MGR	Competitive	NR / AA+		2.575
10/21/20	15.00	Harris Co Fresh Wtr Sup Dt #61	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A1 / NR		
10/20/20	203.51	Austin City-Texas	Wtr & Wstwr Sys Rev Ref Bonds	Series 2020 C	CO-MGR	Negotiated	Aa2 / AA-		
10/20/20	86.58	Tigard City-Oregon	Water System Rev Ref Bonds	Series 2020	CO-MGR	Competitive	Aa3 / NR		2.510
10/15/20	16.43	Alvin City-Texas	Water and Sewer System Rev Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.918
10/15/20	74.53	Hamilton Co-Ohio	Sewer System Ref Rev Bonds	2020 Series A	CO-MGR	Negotiated	Aa2 / NR		
10/15/20	1.57	Onset Fire Dt	GO Water Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.502
10/13/20	6.73	Harris Co MUD #419	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A2 / NR		
10/08/20	6.66	Plainfield Town-Indiana	Sewage Works Ref Rev Bonds	Series B of 2020	CO-MGR	Competitive	NR / NR		1.557
10/01/20	44.40	Harris Co MUD #165	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A2 / NR		
09/30/20	8.09	Kentucky Rural Water Fin Corp	Refunding & Improvement Rev Bonds	Series 2020 G	CO-MGR	Competitive	NR / NR		2.232
09/29/20	84.56	Douglasville Water & Sewer Auth	Water & Sewerage Revenue Bonds	Series 2020 A	CO-MGR	Competitive	Aa2 / NR		2.035
09/29/20	104.65	Trinity River Authority	Regional Wstwr Sys Rev Ref Bonds	Series 2020	CO-MGR	Negotiated	NR / AA+		
09/28/20	13.15	Montgomery Co MUD #105	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
09/24/20	8.51	Butler Area Sewer Authority	Sewer Revenue Bonds	Series A of 2020	CO-MGR	Competitive	NR / NR		1.382
09/24/20	650.00	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Subseries 2020AA-1&2	CO-MGR	Negotiated	Aa1 / AA+		
09/21/20	14.57	Sienna Plantation MUD #4	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		2.329
09/21/20	6.00	Sienna Plantation MUD #5	Contract Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
09/11/20	333.45	Charlotte City-North Carolina	Water & Sewer Sys Ref Ref Bonds	Series 2020	CO-MGR	Negotiated	Aaa / AAA		
09/09/20	4.60	Paseo Del Este MUD #9	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
09/09/20	61.33	San Francisco City/Co Public Util Comm	Water Revenue Bonds	Sub-Series B	CO-MGR	Negotiated	Aa2 / NR		
09/09/20	134.54	San Francisco City/Co Public Util Comm	Water Revenue Bonds	Sub-Series C & D	CO-MGR	Negotiated	Aa2 / NR		
09/09/20	150.90	San Francisco City/Co Public Util Comm	Water Revenue Bonds	Sub-Series A	CO-MGR	Negotiated	Aa2 / NR		
09/08/20	6.13	Columbia City-Missouri	Sewerage Sys Ref Rev Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.444
09/02/20	6.55	Harris Co MUD #500	Contract Revenue Bonds	Series 2020	CO-MGR	Competitive	A3 / NR		
08/25/20	2.30	Brownsville Energy Auth	Water & Sewer Sys Rev Bonds	Series 2020	CO-MGR	Competitive	A2 / NR		1.431
08/25/20	29.40	Montgomery Drainage Dt	GO Limited Tax Drain Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		2.176
08/24/20	4.95	Harris Co MUD #400	Unlimited Tax Bonds	Series 2020 A	CO-MGR	Competitive	A3 / NR		
08/20/20	11.50	Fort Bend Co MUD #134B	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A3 / NR	9.250	
08/19/20	21.46	Miami-Dade Co-Florida	Stormwater Utility Rev Ref Bonds	Series 2020	CO-MGR	Negotiated	Aa3 / NR		
08/19/20	21.46	Miami-Dade Co-Florida	Stormwater Utility Rev Ref Bonds	Series 2020	CO-MGR	Negotiated	Aa3 / NR		
08/19/20	3.92	Upper Trinity Regional Water Dt	Reg Wstwr Treatment Sys Ref Bond	Series 2020	CO-MGR	Competitive	NR / NR		0.909
08/17/20	1.34	Minot City-North Dakota	Refunding Improvement Bonds	Series 2020 A	CO-MGR	Competitive	Aa2 / NR		0.761
08/12/20	6.20	Fort Bend Co MUD #133	Unlimited Tax Bonds	Series 2020 B	CO-MGR	Competitive	A3 / NR	25.780	
08/10/20	2.56	Harris Co MUD #531	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR	17.440	
08/05/20	5.00	Travis Co MUD #2	Unlimited Tax Bonds	Series 2020 A	CO-MGR	Competitive	Baa1 / NR		
08/03/20	31.11	St Joseph City-Missouri	Special Oblig Ref & Imp Bonds	Series 2020	CO-MGR	Competitive	NR / NR	10.740	1.707
07/23/20	7.20	Brazoria Co MUD #32	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
07/23/20	1.96	Grand Lakes Wtr Ctl and Imp Dt	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR	23.510	
07/23/20	73.35	Spanish Fork City-Utah	Sewer Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR	3.650	1.635

Broward County Board of
County Commissioners

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
07/22/20	95.03	Philadelphia City-Pennsylvania	Water & Wastewater Rev Ref Bonds	Series 2020 B	CO-MGR	Negotiated	A1 / A+		
07/22/20	201.53	Philadelphia City-Pennsylvania	Water & Wastewater Rev & Ref Bond	Series 2020 A	CO-MGR	Negotiated	A1 / A+		
07/21/20	76.70	San Antonio City-Texas	Water System Jr Lien Rev Bonds	Series 2020 C	CO-MGR	Negotiated	Aa2 / AA		
07/21/20	76.70	San Antonio City-Texas	Water System Jr Lien Rev Bonds	Series 2020 C	CO-MGR	Negotiated	Aa2 / AA		
07/14/20	4.50	Hays County Development Dt #1	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
07/14/20	1.35	Portland Water Dt	Wastewater & Sewer Sys Rev Bonds	2020 Series	CO-MGR	Competitive	Aa1 / NR		1.540
07/13/20	2.57	Park River City-North Dakota	Water Revenue Ref & Imp Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.967
07/08/20	117.69	San Diego Co Water Auth	Water Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / AA+		
07/08/20	283.47	San Diego Co Water Auth	Water Revenue Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / AA+		
06/24/20	6.90	Fort Bend-Waller Cos MUD #3	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
06/24/20	4.60	Harris Co MUD #434	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
06/23/20	11.77	Fort Bend Co MUD # 131	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
06/17/20	50.83	Cincinnati City-Ohio	Water System Ref Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aaa / NR	4.690	
06/17/20	0.87	Missoula City-Montana	Sewer Revenue Refunding Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR	8.780	1.219
06/10/20	140.91	Dallas City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	Series 2020 C	CO-MGR	Negotiated	NR / AA+		
06/10/20	140.91	Dallas City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	Series 2020 C	CO-MGR	Negotiated	NR / AA+		
06/10/20	181.83	Dallas City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	Series 2020 D	CO-MGR	Negotiated	NR / AA+		
06/10/20	181.83	Dallas City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	Series 2020 D	CO-MGR	Negotiated	NR / AA+		
06/09/20	2.65	Addicks Utility Dt	Wtrwrks & Swr Sys Comb & Rev Bond	Series 2020	CO-MGR	Competitive	A2 / NR		1.984
06/09/20	4.39	Harris Co MUD #26	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A2 / NR	0.940	
06/09/20	268.00	So California Metro Water Dt	Water Revenue Refunding Bonds	2020 Series C	CO-MGR	Negotiated	Aa1 / NR		
06/09/20	1.01	Sussex Village-Wisconsin	Sewerage System Rev Bonds	Series 2020 B	CO-MGR	Competitive	Aa3 / NR		1.513
06/09/20	3.50	Travis Co MUD #17	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
06/08/20	1.36	Minnetonka Beach-Minnesota	GO Water Utility Revenue Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		1.723
06/04/20	204.26	Los Angeles Dept Wtr & Pwr (LADWP)	Water System Revenue Bonds	2020 Series A	CO-MGR	Negotiated	Aa2 / AA		
06/03/20	35.00	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Fiscal 2020 Sub GG-2	CO-MGR	Negotiated	Aa1 / AA+		
06/03/20	65.00	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Fiscal 2020 Sub GG-2	CO-MGR	Negotiated	Aa1 / AA+		
06/03/20	608.01	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Res Bonds	Series FF & Sub GG-1	CO-MGR	Negotiated	Aa1 / AA+		
06/02/20	3.58	Harris-Waller Cos MUD #2	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
06/02/20	3.71	Lumberton MUD	Utility System Revenue Ref Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.622
06/02/20	6.88	Northwest Harris MUD #30	Unlimited Tax Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		
05/26/20	4.20	Montgomery Co MUD #99	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		
05/18/20	352.59	Texas Water Development Board	State Revolving Fund Rev Bonds	New Series 2020	CO-MGR	Negotiated	NR / AAA		
05/13/20	5.00	Harris Co MUD #51	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
05/11/20	9.78	Amarillo City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.537
05/11/20	3.11	Harris Co MUD #109	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A1 / NR	10.410	
05/07/20	3.00	Northwest Harris Co MUD #10	Unlimited Tax Bonds	Series 2020A	CO-MGR	Competitive	NR / NR		
05/03/20	21.79	Mallory Valley Utility Dt	Waterworks System Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR	8.480	2.482
05/04/20	3.38	Ankeny City-Iowa	Water Revenue Bonds	Series 2020 B	CO-MGR	Competitive	Aa2 / NR	15.470	2.284
04/29/20	2.97	Bryan City-Texas	Waterworks & Swr Sys Rev Ref Bond	New Series 2020	CO-MGR	Competitive	NR / NR		1.969
04/27/20	13.99	Moorhead City-Minnesota	GO Water Revenue Bonds	Series 2020 A	CO-MGR	Competitive	Aa3 / NR	11.220	2.417
04/23/20	9.88	North Central Reg Water Dt	Water Revenue Refunding Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		2.818
04/23/20	4.22	North Texas Municipal Water Dt	Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR		2.918
04/23/20	5.20	North Texas Municipal Water Dt	Revenue Bonds	Series 2020	CO-MGR	Competitive	NR / NR		2.604
04/16/20	2.17	Beloit City-Wisconsin	Water System Rev Ref Bonds	Series 2020 C	CO-MGR	Competitive	NR / NR		1.932
04/02/20	215.11	Nashville-Davidson Co Metro Govt	Water & Sewer Revenue Bonds	Series 2020 A & B	CO-MGR	Negotiated	Aa2 / NR	3.370	
04/01/20	7.42	McKinney MUD #1	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR		3.625
03/30/20	171.39	NYS Environmental Facs Corp	St Clean Wtr & Drinking Wtr Bonds	Series 2020 A	CO-MGR	Negotiated	Aaa / AAA	4.030	
03/11/20	98.08	Las Vegas Valley Water Dt	GO Ltd Tx Water Refunding Bonds	Series 2020 D	CO-MGR	Competitive	Aa1 / NR	19.890	2.014
03/11/20	399.32	NYC Municipal Water Fin Auth	Wtr&Swr Sys 2nd Gen Res Rev Bond	Series EE	CO-MGR	Negotiated	Aa1 / AA+	5.060	
03/03/20	12.16	Kentucky Rural Water Fin Corp	Pub Proj Ref & Imp Rev Bonds	Series 2020 C	CO-MGR	Competitive	NR / NR		2.336
03/02/20	1.11	Mahnomen Co-Minnesota	GO Sewer & Water Rev Ref Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		1.379
02/27/20	7.10	Brazoria Co MUD #31	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
02/27/20	2.20	Harris Co MUD #50	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
02/20/20	1.53	Norwalk City-Iowa	Water Revenue Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR		1.774
02/20/20	1.12	Ypsilanti Comm Utilities Auth	Limited Tax GO Refunding Bonds	2020 Series	CO-MGR	Competitive	NR / NR		1.276
02/18/20	1.70	Polk Co-Minnesota	GO Watershed Dt Ref Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR		1.600
02/18/20	5.98	Woodridge MUD	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	Baa3 / NR	19.670	
02/06/20	47.04	NYC Municipal Water Fin Auth	Water & Sewer System Rev Bonds	20 Ser DD Subser DD2	CO-MGR	Negotiated	Aa1 / AA+	4.210	
02/06/20	481.25	NYC Municipal Water Fin Auth	Water & Sewer System Rev Bonds	20SerDD Sub DD1 & DD2	CO-MGR	Negotiated	Aa1 / AA+	4.940	
01/29/20	4.30	Bell Co MUD #1	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
01/28/20	1.05	Pembina Co Water Resource Dt	Refunding Improvement Bonds	Series 2020 A	CO-MGR	Competitive	NR / NR		2.258
01/22/20	244.90	Northeast Ohio Regional Sewer Dt	Wastewater Imp Ref Rev Bonds	Series 2020	CO-MGR	Negotiated	Aa1 / NR	4.220	
01/15/20	2.10	Fort Bend Co MUD #46	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
01/14/20	4.45	West Harris Co MUD #15	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	A2 / NR	0.110	
01/09/20	225.38	PA Commonwealth Financing Auth	Revenue Refunding Bonds	Series B&C of 2020	CO-MGR	Negotiated	A1 / A+		
01/09/20	2.25	Wilbarger Creek MUD #1	Unlimited Tax Bonds	Series 2020	CO-MGR	Competitive	NR / NR		
01/08/20	9.91	Butler Area Sewer Authority	Sewer Revenue Bonds	Series of 2020	CO-MGR	Competitive	NR / NR		2.261
12/11/19	19.09	Perth Amboy City-New Jersey	GO Gen Imp & Wtr Wstwr Bonds	Series 2020	CO-MGR	Competitive	NR / NR		1.974
12/05/19	637.67	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Reso Bonds	Series CC-1 & 2	CO-MGR	Negotiated	Aa1 / AA+		
11/25/19	4.09	Corydon-Indiana	Waterworks Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
11/25/19	2.85	Knox City-Indiana	Sewage Works Ref & Rev Bonds	Series of 2019	CO-MGR	Competitive	NR / NR		
11/21/19	5.62	Valparaiso City-Indiana	Sewage Works Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		2.431
11/19/19	17.70	Crest Hill City-Illinois	GO Wtr & Swrg Sys Alt Ref Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		2.620
11/19/19	3.25	Crosby MUD	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
11/19/19	52.13	Metropolitan St Louis Sewer Dt	Wastewater System Revenue Bonds	Series 2019 B	CO-MGR	Negotiated	NR / AA+		
11/19/19	276.26	Metropolitan St Louis Sewer Dt	Wastewater System Ref Rev Bonds	Series 2019 C	CO-MGR	Negotiated	NR / AA+		
11/19/19	5.00	Reunion Ranch Wtr Ctrl & Imp Dt	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR	22.270	
11/18/19	13.63	Harris Co Water Ctrl & Imp Dt #159	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
11/18/19	8.92	Montgomery Co MUD #113	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	A3 / NR		
11/18/19	4.40	Northwest Harris Co MUD #12	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		
11/13/19	6.46	Cincinnati City-Ohio	Water System Revenue Bonds	Series 2019 B	CO-MGR	Negotiated	Aaa / NR		
11/13/19	50.00	Cincinnati City-Ohio	Water System Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aaa / NR		
11/13/19	5.50	Comal Co Water & Improvement Dt #6	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
11/13/19	4.14	Fort Bend Co MUD #155	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa1 / NR		
11/12/19	4.45	Fort Bend Co MUD #172	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa1 / NR		
11/05/19	150.00	Ohio Water Development Authority	Water Development Revenue Bonds	Series 2019	LEAD	Negotiated	Aaa / NR		

**Broward County Board of
County Commissioners**

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
11/04/19	13.60	Montgomery Co MUD #119	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A3 / NR		
10/24/19	548.09	Miami-Dade Co-Florida	Water & Sewer Sys Rev Ref Bonds	Series 2019 C	CO-MGR	Negotiated	Aa3 / A+	3.520	
10/24/19	663.86	Miami-Dade Co-Florida	Water & Sewer System Rev Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / A+	3.690	
10/23/19	7.09	Bay Colony West MUD	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa1 / NR		
10/23/19	6.34	Harris Co MUD #480	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
10/21/19	2.36	Galveston Co MUD #14	Comb Unltd Tx & Revenue Bonds	Series 2019	CO-MGR	Competitive	A2 / NR		
10/21/19	2.90	Harris Co MUD #285	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A2 / NR		
10/21/19	6.61	Harris Co MUD #390	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		
10/21/19	4.15	Harris Co Wtr Ctl & Imp Dt #161	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	Baa3 / NR	30.000	
10/17/19	7.05	Harris Co MUD #368	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A3 / NR		
10/17/19	155.54	Louisville-Jefferson Wtr Wrks Bd	Water System Rev & Ref Bonds	Series 2019	CO-MGR	Competitive	Aaa / NR		2.232
10/16/19	5.50	Harris Co Water Ctl Imp Dt #133	Wtrwrks & Swr Sys Comb Rev Bonds	Series 2019	CO-MGR	Competitive	Baa1 / NR		
10/16/19	101.04	King Co-Washington	Limited Tax GO Bonds	Series 2019	CO-MGR	Competitive	Aaa / NR		2.541
10/15/19	19.71	Upper Trinity Regional Water Dt	Reg Treated Wtr Supp Sys Ref Bond	Series 2019 A	CO-MGR	Competitive	A2 / NR		2.889
10/10/19	4.50	Farmingdale Village-New York	Water System Imp Serial Bonds	2019 Series B	CO-MGR	Competitive	NR / NR		
10/10/19	8.43	Harris Co MUD #180	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
10/10/19	1.52	Harris Co MUD #261	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa2 / NR		
10/08/19	14.10	Brazos River Authority	Contract Revenue Refunding Bonds	Series 2019	CO-MGR	Competitive	NR / NR		1.853
10/08/19	7.00	Fort Bend Co MUD #194	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	Baa3 / NR		
10/07/19	4.50	Blue Ridge West MUD	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A2 / NR		98.330
10/01/19	2.19	Marble Falls City-Texas	Comb Tax & Ltd Pledge Rev Certs	Series 2019	CO-MGR	Competitive	NR / NR		2.176
09/26/19	4.17	Harris Co MUD #154	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A2 / NR		
09/24/19	3.82	Valparaiso City-Indiana	Storm Wtr Mgt Dt Rev Ref Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
09/23/19	3.40	Montgomery Co MUD #105	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
09/11/19	7.00	Travis Co MUD #21	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
09/10/19	2.70	Wausau City-Wisconsin	Water System Revenue Bonds	Series 2019 D	CO-MGR	Competitive	Aa3 / NR		2.497
09/10/19	6.53	Wausau City-Wisconsin	Sewer System Revenue Bonds	Series 2019 C	CO-MGR	Competitive	Aa3 / NR		2.486
09/09/19	7.05	Sienna Plantation MUD #5	Contract Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
09/09/19	8.42	Sienna Plantation MUD #5	Contract Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
09/05/19	6.15	Denton Co MUD #6	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
09/05/19	4.79	Rock River Water Reclamation Dt	GO Swr Sys Alt Rev Source Bonds	Series 2019	CO-MGR	Competitive	Aa2 / NR		1.592
08/29/19	11.80	Fort Bend Co MUD #134E	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/29/19	4.18	Montgomery Co MUD #126	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/28/19	3.00	Harris Co MUD #434	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
08/27/19	7.59	Luverne City-Minnesota	GO Sewer Revenue Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR		2.360
08/26/19	13.28	Porter Special Utility Dt	Waterworks System Revenue Bonds	Series 2019	CO-MGR	Competitive	A3 / NR		
08/20/19	80.12	Houston City-Texas	Comb Util Sys 1st Ln Rev Ref Bond	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR	4.310	
08/20/19	151.71	Houston City-Texas	Comb Util Sys 1st Ln Rev Ref Bond	Series 2019 B	CO-MGR	Negotiated	Aa2 / NR	3.350	
08/20/19	539.14	Houston City-Texas	Comb Util Sys 1st Ln Rev Ref Bond	Series 2019 C	CO-MGR	Negotiated	Aa2 / NR	3.290	
08/19/19	11.20	Harris Co MUD #489	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/19/19	9.69	Kandiyo City-Minnesota	GO Water & Sewer Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		2.096
08/19/19	9.40	Morningstar Ranch MUD#1	Unlimited Tax Utility Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/15/19	2.58	Cy-Champ Public Utility Dt	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/15/19	4.16	Harris Co MUD #536	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/15/19	20.71	Temple City-Texas	Utility System Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		2.123
08/14/19	103.14	Atlanta City-Georgia	Water & Wastewater Rev Ref Bonds	Series 2019	LEAD	Negotiated	Aa2 / NR	4.170	
08/13/19	34.67	Celina City-Texas	Tax & Wtrwrks Swr Sys Certs of Ob	Series 2019	CO-MGR	Competitive	Aa3 / NR	15.740	2.315
08/13/19	4.46	Fort Bend Co MUD #190	Unlimited Tax Road Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/13/19	6.97	Fort Bend Co MUD #190	Unlimited Tax Utility Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/13/19	8.00	Wood Trace MUD #1	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR	29.220	
08/12/19	8.13	Harris Co MUD #457	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
08/06/19	11.80	Camarillo Public Fin Auth	Water Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR	9.050	2.311
08/01/19	3.15	Bryan City-Texas	Wtrwrks & Swr Sys Rev Ref Bonds	New Series 2019	CO-MGR	Competitive	NR / NR		1.614
07/30/19	4.86	Kentucky Rural Water Fin Corp	Refunding & Improvement Rev Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR		2.777
07/30/19	3.15	Northeast Harris Co MUD #1	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
07/30/19	5.93	Southeast Williamson Co MUD #1	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
07/25/19	10.52	Mt Houston Road MUD	Wtrwrks & Swr Comb Unltd & Rev	Series 2019	CO-MGR	Competitive	Baa3 / NR		
07/17/19	10.00	Galveston Co MUD #56	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
07/17/19	6.23	Woodbury Hts Boro-New Jersey	Gen Imp and Water & Sewer Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
07/16/19	5.67	Bridgestone MUD	Wtrwrks & Swr Comb Tx & Rev Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
07/16/19	4.24	Fort Bend Co MUD #215	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
07/16/19	4.81	Rowlett City-Texas	Waterworks & Sewer Rev Bonds	Series 2019	CO-MGR	Competitive	Aa3 / NR	15.190	2.687
07/15/19	3.27	Hastings City-Minnesota	General Obligation Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		1.819
07/15/19	2.04	Waukegan City-Iowa	Water Revenue Bonds	Series 2019 B	CO-MGR	Competitive	Aa2 / NR		2.304
07/11/19	75.00	NYC Municipal Water Fin Auth	Water & Sewer System Rev Bonds	Ser BB Subser BB-2	CO-MGR	Negotiated	Aa1 / AA+	1.990	
07/11/19	75.00	NYC Municipal Water Fin Auth	Water & Sewer System Rev Bonds	Ser BB Subser BB-2	CO-MGR	Negotiated	Aa1 / AA+	1.990	
07/11/19	300.00	NYC Municipal Water Fin Auth	Water & Sewer System Rev Bonds	Ser BB Subser BB-1	CO-MGR	Negotiated	Aa1 / AA+	4.720	
07/09/19	3.00	Cottonwood Creek MUD #1	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
07/09/19	3.48	Tripp Co Water User Dt	Water System Revenue Ref Bonds	Series 2019	CO-MGR	Competitive	NR / NR		2.898
06/27/19	55.43	North Las Vegas City-Nevada	Wstwr Reclamation Sys Ref Bonds	Series 2019	CO-MGR	Competitive	A2 / NR	8.870	2.772
06/26/19	459.60	NYC Municipal Water Fin Auth	Wtr & Swr Sys 2nd Gen Resol Bonds	Series AA	CO-MGR	Negotiated	Aa1 / AA+		
06/25/19	5.67	Fulshear MUD #3A	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
06/25/19	12.62	Harris Co MUD #500	Contract Revenue Bonds	Series 2019	CO-MGR	Competitive	Baa1 / NR		
06/25/19	250.00	Ohio Water Development Authority	Drinking Wtr Assist Fund Rev Bond	Series 2019	CO-MGR	Negotiated	Aaa / NR		
06/19/19	2.62	Waverly City-Minnesota	GO Water Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		2.650
06/18/19	59.74	Kansas City-Missouri	Sanitary Sewer Sys Imp Rev Bonds	Series 2019 A	CO-MGR	Competitive	Aa2 / NR	7.500	2.891
06/17/19	2.41	Cambridge City-Minnesota	GO Water Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		2.552
06/17/19	3.44	Erwin Utilities Authorities	Water and Sewer Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		2.942
06/13/19	1.69	Walworth Co Metro Sewerage Dt	Taxable GO Sewerage Bonds	Series 2019A	CO-MGR	Competitive	NR / NR		3.266
06/11/19	8.06	Oshkosh City-Wisconsin	Storm Water Utility Rev Bonds	Series 2019 C	CO-MGR	Competitive	A1 / NR		2.854
06/11/19	3.50	Stonewall Ranch MUD	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
06/11/19	20.00	West Knox Utility Dt	Water & Sewer Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR	10.600	2.950
06/06/19	7.10	Westmont Village-Illinois	GO Wtrwrks Alt Rev Source Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR		2.832
06/05/19	16.00	Harris Co MUD #495	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
06/04/19	6.45	Galveston Co MUD #45	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa2 / NR		
06/03/19	1.20	Mille Laes Co-Minnesota	GO Drainage Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR		2.779
05/22/19	120.70	NYS Environmental Facs Corp	State Revolving Fund Rev Bonds	Series 2019 A	CO-MGR	Negotiated	Aaa / AAA	4.670	

**Broward County Board of
County Commissioners**

GEN2126726Q1

Water and Sewer Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ² (\$ per \$1,000 bond)	True Interest Cost ¹ (%)
05/21/19	3.41	Buena Vista-Bethel Spec Util Dt	Water System Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
05/21/19	3.99	Montgomery Co MUD #107	Unlimited Tax Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		
05/16/19	15.25	Alvin City-Texas	Water & Sewer System Rev Bonds	Series 2019	CO-MGR	Competitive	NR / NR	12.180	2.719
05/15/19	316.68	Baltimore Mayor & City Council-Maryland	Project & Sub & Ref Rev Bonds	Series 2019 A-C	CO-MGR	Negotiated	Aa3 / NR	1.310	
05/09/19	24.50	Clear Lake Water Authority	Wtrwrks & Swr Sys Comb Rev Bonds	Series 2019	CO-MGR	Competitive	Aa3 / NR		
05/07/19	3.11	Hamilton Twp-New Jersey	Sewer Utility GO Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
05/07/19	3.83	Polk Co-Minnesota	GO Watershed Bonds	Series 2019 A	CO-MGR	Competitive	Aa2 / NR		2.710
05/07/19	100.00	Shreveport City-Louisiana	Water & Sewer Revenue Bonds	Jr Lien Ser 2019 B	CO-MGR	Negotiated	Baa1 / NR	6.040	
05/06/19	1.32	Rollingstone City-Minnesota	GO Water Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		
05/02/19	1.48	Gouverneur Vilg-New York	Water System Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
04/25/19	41.45	North Texas Municipal Water Dt	Regional Wastewater Sys Rev Bonds	Series 2019	CO-MGR	Competitive	Aa2 / NR		3.220
04/23/19	6.76	Bradford City Water Authority	Water Revenue Bonds	Series of 2019	CO-MGR	Competitive	NR / NR		2.430
04/16/19	39.77	Evansville City-Indiana	Waterworks District Revenue Bonds	Series 2019	CO-MGR	Competitive	NR / NR		
04/16/19	2.40	Paynesville City-Minnesota	GO Sewer Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		3.103
04/10/19	500.00	NYC Municipal Water Fin Auth	Water & Sewer Revenue Bonds	19 Ser FF Sub 1 & 2	CO-MGR	Negotiated	Aa1 / AA+	4.960	
04/03/19	450.00	Illinois Finance Authority	Revolving Fund Revenue Bonds	Series 2019	CO-MGR	Negotiated	NR / AAA	3.900	
04/02/19	16.36	Olathe City-Kansas	Wtr & Swr Sys Imp & Ref Rev Bonds	Series 2019	CO-MGR	Competitive	NR / NR	8.480	2.747
03/28/19	16.10	Fort Mill Town-South Carolina	Wtrwrks & Swr Sys Imp Rev Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR	8.500	2.720
03/26/19	30.00	Evansville City-Indiana	Sewage Works Revenue Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		
02/28/19	18.44	Baytown City-Texas	Comb Tax Rev Certs of Obligation	Series 2019	CO-MGR	Competitive	Aa2 / NR		3.038
02/20/19	2.41	Fort Bend Co MUD #123	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A3 / NR		
02/20/19	10.48	Montgomery Co MUD #113	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	A3 / NR		
02/13/19	68.34	Philadelphia City-Pennsylvania	Water & Wastewater Rev Ref Bonds	Series 2019 A	LEAD	Negotiated	A1 / A+	4.710	
02/04/19	8.30	Buffalo City-Minnesota	GO Water & Sewer Rev Ref Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR		1.949
01/29/19	183.16	California Poll Control Fin Auth	Water Furnishing Rev Ref Bonds	Series 2019	CO-MGR	Negotiated	Baa3 / BBB-		
01/17/19	60.00	NYC Municipal Water Fin Auth	Water & Sewer Sys Rev Bonds	Subseries DD-2	CO-MGR	Negotiated	Aa1 / AA+	1.920	
01/17/19	70.00	NYC Municipal Water Fin Auth	Water & Sewer Sys Rev Bonds	Subseries DD-2	CO-MGR	Negotiated	Aa1 / AA+	2.240	
01/17/19	345.00	NYC Municipal Water Fin Auth	Water & Sewer Sys Rev Bonds	Subseries DD-1	CO-MGR	Negotiated	Aa1 / AA+	4.910	
01/15/19	30.00	Grand Strand Wtr & Swr Auth	Wtrwrks & Swr Sys Imp Rev Bonds	Series 2019 A	CO-MGR	Competitive	NR / NR	12.060	3.452
01/08/19	1.52	Harris Co Water Ctl Imp Dt #113	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	Baa3 / NR		
12/13/18	4.75	West Travis Co MUD #6	Unlimited Tax Bonds	Series 2019	CO-MGR	Competitive	NR / NR	1.460	
12/11/18	2.20	Fort Bend Co MUD #58	Unlimited Tax Bonds	Series 2018 A	CO-MGR	Competitive	NR / NR		
12/04/18	9.39	Madison City-Wisconsin	Water Utility Revenue Notes	Series 2018 B	CO-MGR	Competitive	Aa2 / NR		3.417
12/04/18	13.66	Sugar Land City-Texas	Waterworks & Sewer Sys Rev Bonds	Series 2019	CO-MGR	Competitive	NR / AA+	11.640	3.424
11/28/18	4.14	Harris Co MUD #196	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	A2 / NR		
11/28/18	137.49	So California Metro Water Dt	Water Revenue Refunding Bonds	2018 Series B	CO-MGR	Negotiated	NR / AA+		
11/27/18	2.01	Jarrell City-Texas	Comb Tax & Revenue Certs of Oblig	Series 2018	CO-MGR	Competitive	NR / NR		3.781
11/19/18	4.46	Harris Co MUD #285	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	A2 / NR		
11/15/18	20.00	Central Arkansas Water	Capital Improvement Wtr Rev Bonds	Series 2018 B	CO-MGR	Competitive	Aa2 / NR	13.040	3.534
11/15/18	5.10	Dowdell Public Utility Dt	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	A3 / NR		
11/14/18	3.37	Montgomery Co MUD #15	Unlimited Tax Bonds	Series 2018 A	CO-MGR	Competitive	NR / NR		
11/13/18	5.45	Fort Bend Co MUD #194	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
11/08/18	23.00	Fort Bend Co MUD #169	Contract Revenue Bonds	Series 2018 A	CO-MGR	Competitive	NR / NR	30.000	
11/07/18	4.10	Oak Point Water Control Imp Dt #1	Unlimited Tax Utility Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
10/31/18	3.33	Auburn-Indiana	Waterworks Revenue Bonds	Series of 2018	CO-MGR	Competitive	NR / NR		
10/24/18	288.90	Atlanta City-Georgia	Water & Wastewater Rev Ref Bonds	Series 2018 C	LEAD	Negotiated	Aa2 / NR	3.850	
10/18/18	5.20	Kaufman Co MUD #6	Unlimited Tax Utility Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
10/18/18	2.40	Kaufman Co MUD #7	Unlimited Tax Utility Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
10/16/18	7.40	Brazoria Co MUD #22	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
10/15/18	1.43	Pewaukee Village-Wisconsin	GO Water System Bonds	Series 2018 A	CO-MGR	Competitive	Aa1 / NR		3.550
10/10/18	7.99	Galveston Co MUD #56	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
10/10/18	8.54	West Knox Utility Dt	Water & Sewer Revenue Bonds	Series 2018	CO-MGR	Competitive	NR / NR		3.803
10/09/18	2.70	Addicks Utility Dt	Wtrwrks & Swr Comb Tx & Rev Bond	Series 2018	CO-MGR	Competitive	NR / NR		
10/04/18	11.51	Long Prairie City-Minnesota	GO Sewer Revenue Bonds	Series 2018 A	CO-MGR	Negotiated	A3 / NR	14.250	
09/27/18	4.05	Duluth City-Minnesota	GO Water Utility Revenue Bonds	Series 2018 D	CO-MGR	Competitive	Aa2 / NR		3.134
09/26/18	5.97	El Dorado Utility Dt	Wtrwrks & Swr Comb & Rev Bonds	Series 2018	CO-MGR	Competitive	NR / NR		
09/25/18	6.25	Travis Co MUD #12	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR	23.890	
09/18/18	5.67	Fort Bend Co MUD #140	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	NR / NR		
09/18/18	35.59	Texas Water Development Board	St Wtr Implementation Fund Bonds	Series 2018 C	CO-MGR	Negotiated	NR / AAA		
09/18/18	1,672.21	Texas Water Development Board	St Wtr Implementation Fund Bonds	Series 2018 B	CO-MGR	Negotiated	NR / AAA		
09/17/18	4.00	Heatherloch MUD	Wtrwrks & Swr Sys Comb & Rev Bond	Series 2018	CO-MGR	Competitive	A2 / NR		
09/17/18	5.28	Kingsport City-Tennessee	GO Improvement Bonds	Series 2018 B	CO-MGR	Competitive	Aa2 / NR	14.160	3.390
09/11/18	3.00	Cottonwood Creek MUD #1	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
09/11/18	3.58	Wood Trace MUD Dt #1	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
09/05/18	10.50	Harris Co MUD #500	Contract Revenue Bonds	Series 2018	CO-MGR	Competitive	Baa1 / NR		
09/05/18	2.60	Stonewall Ranch MUD	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Baa3 / NR		
08/27/18	163.46	Massachusetts Clean Water Trust	State Revolving Fund Bonds	Series 21	CO-MGR	Negotiated	Aaa / AAA		
08/23/18	10.80	Harris-Montgomery Cos MUD #386	Unlimited Tax Bonds	Series 2018	CO-MGR	Competitive	Aa3 / NR		
08/16/18	75.00	Connecticut	General Obligation Bonds	2018 Series E-2	CO-MGR	Negotiated	A1 / A+	0.720	
08/16/18	264.04	NYC Municipal Water Fin Auth	Wtr & Swr 2nd Gen Resol Bonds	Series AA	CO-MGR	Negotiated	Aa1 / AA+	4.180	
08/15/18	92.08	Wisconsin	Environmental Imp Fund Rev Bonds	2018 Series A	CO-MGR	Negotiated	NR / AAA	4.140	
TOTAL		35,535.47							

* Based on available information from SDC

Convention Center/Convention Center Hotel Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
10/05/21	22.71	Greensboro City-North Carolina	Limited Obligation Ref Bonds	Series 2021	CO-MGR	Negotiated	Aa2 / AA+		
10/05/21	25.14	Greensboro City-North Carolina	Limited Obligation Ref Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / AA+		
07/15/21	20.83	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	NR / BB+		
07/15/21	23.95	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	NR / BB+		
07/15/21	117.87	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	NR / BB+		
07/15/21	648.60	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	NR / BB+		
10/30/20	444.42	Wisconsin Center Dt	Sr & Jr Dedicated Tax Rev Bonds	Series 2020 C & D	CO-MGR	Negotiated	A3 / NR	5.530	
10/14/20	99.79	St Louis Municipal Finance Corp	Leasahold Revenue Bonds	Series 2020	CO-MGR	Negotiated	NR / NR		
09/01/20	6.70	Franklin Co Convention Fac Auth	Tax & Lease Rev Antic Ref Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / NR		
09/01/20	196.01	Franklin Co Convention Fac Auth	Tax & Lease Rev Antic Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / NR		
06/23/20	70.75	San Diego Convention Ctr Expansion Fin	Lease Revenue Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	NR / AA-		
12/03/19	881.91	Metropolitan Pier & Expo Auth	Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	NR / BBB-	5.770	
11/12/19	25.18	Palm Beach Co-Florida	Public Improvement Rev Ref Bonds	Series 2019 B	CO-MGR	Competitive	Aa1 / AA+		3.190
03/21/19	13.75	Indianapolis Loc Pub Imp Bond Bank	Community Justice Campus Bonds	Series 2019 B	CO-MGR	Negotiated	Aa1 / AAA		
TOTAL	2,597.58								

* Based on available information from SDC

GO Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
08/02/23	174.09	Austin Community College Dt	Limited Tax Bonds	Series 2023	CO-MGR	Negotiated	Aa1 / NR		
07/06/23	75.00	Los Angeles Community College District	General Obligation Bonds	Series A-2	CO-MGR	Negotiated	Aaa / NR		
07/06/23	225.00	Los Angeles Community College District	General Obligation Bonds	Series A-1	CO-MGR	Negotiated	Aaa / NR		
06/29/23	18.87	San Diego Co (Chula Vista) ESD	General Obligation Bonds	Series A	LEAD	Negotiated	NR / NR		
06/29/23	162.50	San Diego Co (Chula Vista) ESD	General Obligation Bonds	Series A & B	LEAD	Negotiated	NR / NR		
06/22/23	51.88	San Bernardino Co (Rialto) USD	General Obligation Bonds	Series 2023	CO-MGR	Negotiated	Aa3 / NR		
06/06/23	20.26	St Louis City-Missouri	General Obligation Bonds	Series 2023A	CO-MGR	Negotiated	NR / NR		
06/01/23	1.00	Connecticut	General Obligation Bonds	2023 Series A-1	CO-MGR	Negotiated	Aa3 / AA-	0.040	
06/01/23	2.35	Connecticut	General Obligation Ref Bonds	2023 Series B-4	CO-MGR	Negotiated	Aa3 / AA-	0.030	
06/01/23	11.20	Connecticut	General Obligation Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa3 / AA-	0.450	
06/01/23	13.08	Connecticut	General Obligation Bonds	2023 Series A-4	CO-MGR	Negotiated	Aa3 / AA-	0.530	
06/01/23	53.21	Connecticut	General Obligation Ref Bonds	2023 Series B-1	CO-MGR	Negotiated	Aa3 / AA-	0.590	
06/01/23	74.73	Connecticut	General Obligation Bonds	2023 Series A-2	CO-MGR	Negotiated	Aa3 / AA-	3.030	
06/01/23	90.91	Connecticut	General Obligation Ref Bonds	2023 Series B-3	CO-MGR	Negotiated	Aa3 / AA-	1.000	
06/01/23	105.85	Connecticut	General Obligation Bonds	2023 Series A-1	CO-MGR	Negotiated	Aa3 / AA-	0.960	
06/01/23	112.13	Connecticut	General Obligation Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa3 / AA-	1.010	
06/01/23	119.39	Connecticut	General Obligation Ref Bonds	2023 Series B-2	CO-MGR	Negotiated	Aa3 / AA-	1.320	
06/01/23	132.02	Connecticut	General Obligation Bonds	2023 Series A-2	CO-MGR	Negotiated	Aa3 / AA-	1.200	
06/01/23	150.70	New York City-New York	General Obligation Bonds	2023 Series F	CO-MGR	Negotiated	Aa2 / AA	4.210	
06/01/23	1,409.18	New York City-New York	General Obligation Bonds	2023 Series F&G&I	CO-MGR	Negotiated	Aa2 / AA		
05/25/23	215.09	Oregon Dept of Transportation	Highway User Tax Rev Sub Ln Bonds	Series 2023 A	CO-MGR	Negotiated	Aa2 / AA+	3.930	
05/17/23	64.95	San Mateo Co (Jefferson) UHSD	GO & Ref Bonds	Series A 2023	SOLE	Negotiated	NR / NR		
05/10/23	48.28	Santa Clara Co (Alum Rock) UESD	General Obligation & Ref Bonds	2023 Series & A	SOLE	Negotiated	A1 / NR		
05/09/23	436.32	Dallas City-Texas	GO Refunding & Imp Bonds	Series 2023 & A	CO-MGR	Negotiated	NR / AA	1.930	
05/02/23	75.71	Columbus City-Ohio	GO Various Purpose Bonds	Series 2023C&D	CO-MGR	Negotiated	Aaa / AAA	3.640	
05/02/23	366.95	Columbus City-Ohio	GO Var Purp Ltd Tax & Ref Bonds	Series 2023A&B&I&J	CO-MGR	Negotiated	Aaa / AAA		
04/27/23	495.43	Wisconsin	GO Refunding Bonds	Issue of 2023 Ser 2	CO-MGR	Negotiated	Aa1 / NR	4.410	
04/20/23	281.67	New Jersey Econ Dev Auth	School Construction Ref Bonds	2024 Series SSS	CO-MGR	Negotiated	A2 / A	3.160	
04/20/23	797.67	New Jersey Econ Dev Auth	School Facs Cons Ref Bonds	Series 2023 RRR	CO-MGR	Negotiated	A2 / A	3.290	
04/19/23	200.00	Illinois	General Obligation Bonds	Series of May 2023A	LEAD	Negotiated	A3 / BBB+	3.170	
04/19/23	2,311.21	Illinois	General Obligation & Ref Bonds	Ser of May 2023B,C,D	LEAD	Negotiated	A3 / BBB+		
04/13/23	4.70	Raleigh City-North Carolina	GO Housing Bonds	Series 2023B	CO-MGR	Negotiated	Aaa / AAA		
04/13/23	137.79	Raleigh City-North Carolina	GO Public Improvement Bonds	Series 2023A	CO-MGR	Negotiated	Aaa / AAA		
04/12/23	7.00	Monterey Co (Soledad) USD	General Obligation Bonds	2023 Series B	SOLE	Negotiated	NR / NR		
04/05/23	2,552.72	California	Various Purpose GO & Ref Bonds	Series 2023	CO-MGR	Negotiated	Aa2 / AA	2.310	
03/30/23	950.00	New York City-New York	General Obligation Bonds	Fis 2023 Series E	CO-MGR	Negotiated	Aa2 / AA		
03/30/23	15.00	San Diego Co (Lemon Grove) SD	General Obligation Bonds	2023 Series A	SOLE	Negotiated	NR / NR		
03/29/23	80.41	Kansas City-Missouri	General Obligation Bonds	Series 2023A	CO-MGR	Negotiated	Aa3 / NR		
03/21/23	1,491.49	Louisiana Gov Env Fac & CDA (LCDA)	System Restoration Bonds	Series 2023 A-1,2&3	CO-MGR	Negotiated	Aaa / NR	2.890	
03/15/23	8.54	Oregon	General Obligation Bonds	2023 Series C	CO-MGR	Negotiated	Aa1 / AA+	2.774	
03/15/23	152.88	Oregon	General Obligation Bonds	2023 Series D	CO-MGR	Negotiated	Aa1 / AA+	3.358	
03/15/23	175.61	Oregon	General Obligation Bonds	2023 Series B	CO-MGR	Negotiated	Aa1 / AA+	2.774	
03/15/23	652.03	Oregon	General Obligation Bonds	2023 Series A	CO-MGR	Negotiated	Aa1 / AA+	3.329	
03/09/23	239.06	District of Columbia	GO Refunding Bonds	Series 2023B	LEAD	Negotiated	Aaa / AA+	11.000	
03/09/23	581.14	District of Columbia	General Obligation Bonds	Series 2023A	LEAD	Negotiated	Aaa / AA+	4.540	
02/28/23	520.84	Chicago City BOE	Dedicated Capital Imp Tax Bonds	Series 2023	CO-MGR	Negotiated	NR / A	5.300	
02/23/23	688.32	New York City-New York	General Obligation Bonds	Fis 2023 Series C&D	CO-MGR	Negotiated	Aa2 / AA	2.330	
01/18/23	551.46	Dallas ISD	School Bldg & Refunding Bonds	Series 2023	CO-MGR	Negotiated	NR / NR	4.250	
12/08/22	70.27	Dallas Co Comm College Dt	General Obligation Bonds	Series 2023	CO-MGR	Negotiated	NR / AAA		
12/08/22	255.58	Dallas Co Comm College Dt	General Obligation Bonds	Series 2023	CO-MGR	Negotiated	NR / AAA		
12/07/22	21.06	Massachusetts Housing Fin Agcy	Housing Bonds	2022 Series D-1	CO-MGR	Negotiated	Aa2 / NR		
12/07/22	51.07	Massachusetts Housing Fin Agcy	Housing Bonds	2022 Series D-3	CO-MGR	Negotiated	Aa2 / NR		
12/06/22	377.13	Ohio	Infra Imp & Conserv & Sch Ref Bonds	Series 2022A-C	LEAD	Negotiated	Aa1 / AAA		
11/29/22	16.87	Indianapolis Pub Schools	General Obligation Bonds	Series of 2022 B	CO-MGR	Negotiated	NR / NR		
11/08/22	25.00	IPS Multi-School Bldg Corp	Ad Val Property Tx 1st Mtg Bonds	Series 2022	CO-MGR	Negotiated	NR / NR		
10/25/22	106.67	New Orleans City-Louisiana	GO Refunding Bonds	Series 2022	CO-MGR	Negotiated	A2 / A		
10/21/22	15.00	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 78-T	CO-MGR	Negotiated	Aa1 / NR		
10/21/22	113.41	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 78-A	CO-MGR	Negotiated	Aa1 / NR		
10/05/22	400.00	New York City-New York	General Obligation Bonds	Fis2023 SerB Sub B-2	CO-MGR	Negotiated	Aa2 / AA-		
10/05/22	950.00	New York City-New York	General Obligation Bonds	Fis2023 SerB Sub B-1	CO-MGR	Negotiated	Aa2 / AA-		
09/16/22	94.78	NYS Utility Debt Securitization Auth	Restructuring Bonds	Series 2022TE-2	LEAD	Negotiated	Aaa / NR		
09/16/22	787.29	NYS Utility Debt Securitization Auth	Restructuring Bonds	Series 2022TE-1	LEAD	Negotiated	Aaa / NR		
09/15/22	200.00	Los Angeles Community College District	General Obligation Bonds	Series L	CO-MGR	Negotiated	Aaa / NR		
09/08/22	25.00	California	Various Purpose GO Ref Bonds	Series 2022	CO-MGR	Negotiated	Aa2 / AA		
09/08/22	2,291.69	California	Various Purpose GO & Ref Bonds	Series 2022	CO-MGR	Negotiated	Aa2 / AA		
09/07/22	126.26	Adams-Arapahoe SD #28J	GO Refunding Bonds	Series 2022	CO-MGR	Negotiated	NR / NR		
08/18/22	950.00	New York City-New York	General Obligation Bonds	Fiscal 2023 Sub A-1	CO-MGR	Negotiated	Aa2 / AA-		
08/17/22	76.14	Forest Preserve Dt	GO Ltd Tax Ref Bonds	Series 2022A&B	CO-MGR	Negotiated	NR / NR		
08/11/22	9.18	Cook Co-Illinois	GO Refunding Bonds	Series 2022B	LEAD	Negotiated	A2 / AA-		
08/11/22	268.53	Cook Co-Illinois	GO Refunding Bonds	Series 2022A	LEAD	Negotiated	A2 / AA-		
08/09/22	100.52	San Antonio City-Texas	General Improvement Bonds	Series 2022	CO-MGR	Negotiated	Aaa / AA+		
08/09/22	185.42	San Antonio City-Texas	Gen Imp&Rev Certs of Oblig Bonds	Series 2022	CO-MGR	Negotiated	Aaa / AA+		
07/27/22	45.91	Cleveland City-Ohio	Various Purpose GO Bonds	Series 2022A	CO-MGR	Negotiated	Aa3 / NR		
07/20/22	13.19	District of Columbia Hsg Fin Agcy	Multi-Family Dev Prog Bonds	Series 2022 B-1	CO-MGR	Negotiated	Aa2 / NR		
06/29/22	74.88	Long Beach City-New York	General Obligation Bonds	2022 Series B	CO-MGR	Negotiated	Baa2 / NR		
06/29/22	363.15	Tarrant Co College Dt	GO Limited Tax Bonds	Series 2022	CO-MGR	Negotiated	NR / NR		
06/28/22	280.85	Sacramento City USD	GO & Refunding Bonds	Series 2022 & A	LEAD	Negotiated	A3 / NR		
06/22/22	44.57	Kent State University	General Receipts Bonds	Series 2022	CO-MGR	Negotiated	Aa3 / NR		
05/19/22	130.00	New York City-New York	General Obligation Bonds	Fiscal 2022 Sub D-2	CO-MGR	Negotiated	Aa2 / AA-		
05/19/22	950.00	New York City-New York	General Obligation Bonds	Fiscal 2022 Sub D-1	CO-MGR	Negotiated	Aa2 / AA-		
05/05/22	300.00	North Carolina	Limited Obligation Bonds	Series 2022A	CO-MGR	Negotiated	Aa1 / AA+		
04/26/22	98.06	Columbus City-Ohio	Various Purp & Limited Tax Bonds	Series 2022C&D	CO-MGR	Negotiated	Aaa / AAA		
04/26/22	326.13	Columbus City-Ohio	Various Purp & Ref Bonds	Series 2022A,B,I	CO-MGR	Negotiated	Aaa / AAA		
03/31/22	42.83	Indianapolis Pub Schools	General Obligation Bonds	Series of 2022	CO-MGR	Negotiated	NR / NR		
03/31/22	227.19	University of Connecticut	General Obligation Bonds	2022 Series A	CO-MGR	Negotiated	Aa3 / A+		

**Broward County Board of
County Commissioners**

GEN2126726Q1

GO Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ² (\$ per \$1,000 bond)	True Interest Cost* (%)
03/24/22	900.91	New York City-New York	General Obligation Bonds	Fiscal 2022 Ser B&C	CO-MGR	Negotiated	Aa2 / AA-	3.290	
03/15/22	667.74	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2022B	LEAD	Negotiated	NR / AA+		
03/10/22	345.00	Denver City and Co SD #1	General Obligation Bonds	Series 2022A	CO-MGR	Negotiated	Aa1 / AA+		
03/10/22	51.12	Pittsburgh City-Pennsylvania	General Obligation Bonds	Series of 2022	LEAD	Negotiated	NR / AA-		
03/09/22	150.00	California	Various Purpose GO Ref Bonds		CO-MGR	Negotiated	Aa2 / AA-		
03/09/22	200.00	California	Various Purpose GO Ref Bonds		CO-MGR	Negotiated	Aa2 / AA-		
03/09/22	1,878.89	California	Various Purpose GO & Ref Bonds		CO-MGR	Negotiated	Aa2 / AA-		
03/09/22	7.08	Yonkers City-New York	General Obligation Serial Bonds	Series 2022E	CO-MGR	Negotiated	A3 / NR		
03/09/22	77.67	Yonkers City-New York	GO & School Serial Bonds	Series 2022C&D	CO-MGR	Negotiated	A3 / NR		
03/02/22	180.03	Wisconsin	GO Refunding Bonds	Series 2 of 2022	CO-MGR	Negotiated	Aa1 / NR		
02/28/22	125.78	Wisconsin	GO Refunding Bonds	Series 1 of 2023	CO-MGR	Negotiated	Aa1 / NR		
01/13/22	872.17	Chicago City BOE	Unlimited Tax GO & Ref Bonds	Series 2022A&B	CO-MGR	Negotiated	NR / BB+		
12/08/21	219.15	Chicago City-Illinois	General Obligation Bonds	Series 2021 B	LEAD	Negotiated	NR / NR		
12/08/21	447.26	Chicago City-Illinois	General Obligation Bonds	Series 2021A	LEAD	Negotiated	NR / BBB-		
12/08/21	2,799.63	Golden State Tobacco Sec Corp	Tobacco Settle Asset-Backed Bonds	Series 2021 A-I&B-I	CO-MGR	Negotiated	NR / NR		
11/17/21	57.53	Cook Co-Illinois	GO Refunding Bonds	Series 2021C	LEAD	Negotiated	A2 / AA-		
11/17/21	190.58	Cook Co-Illinois	GO Refunding Bonds	Series 2021 B	LEAD	Negotiated	A2 / AA-		
11/09/21	653.15	District of Columbia	GO & Refunding Bonds	Series 2021 D & E	CO-MGR	Negotiated	Aaa / AA+		
10/27/21	100.13	Ohio	Common Schools GO Ref Bonds	Series 2021 C	CO-MGR	Negotiated	Aa1 / AA+		
10/27/21	229.07	Ohio	Infras Imp&Ref&Cons Proj GO Bond	Series 2021 A&B	CO-MGR	Negotiated	Aa1 / AA+		
10/19/21	63.93	Oregon	General Obligation Bonds	2021 Series K	CO-MGR	Negotiated	NR / NR		
10/19/21	65.37	Oregon	General Obligation Bonds	2021 Series L & M	CO-MGR	Negotiated	NR / NR		
10/14/21	52.89	Denver City and Co SD #1	GO Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / NR		
10/08/21	120.74	New Orleans City-Louisiana	Limited Tax Refunding Bonds	Series 2021	LEAD	Negotiated	NR / NR		
09/29/21	15.58	Indianapolis Pub Schools	General Obligation Bonds	Series of 2021	CO-MGR	Negotiated	NR / NR		
09/21/21	5.50	Monterey Co (Soledad) USD	General Obligation Bonds	Series B	SOLE	Negotiated	NR / NR		
09/14/21	2,095.07	California	Various Purp GO & Refunding Bonds		CO-MGR	Negotiated	Aa2 / AA		
09/10/21	86.91	San Francisco City/Co-California	GO Refunding Bonds	Series 2021-R2	CO-MGR	Negotiated	NR / NR		
09/02/21	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fiscal 2022 Series B	CO-MGR	Negotiated	Aa1 / AAA	4.480	
09/01/21	326.37	Wisconsin	GO Refunding Bonds	Issue of 2021 Ser 4	CO-MGR	Negotiated	Aa1 / NR	4.360	
08/19/21	950.00	New York City-New York	General Obligation Bonds	Series A-1	CO-MGR	Negotiated	Aa2 / AA-	4.640	
08/17/21	2.60	Houston City-Texas	Certificates of Obligation	Series 2021 C	CO-MGR	Negotiated	Aa3 / AA	3.000	
08/17/21	117.71	Houston City-Texas	Public Improvement Ref Bonds	Series 2021 B	CO-MGR	Negotiated	Aa3 / AA	3.300	
08/17/21	188.36	Houston City-Texas	Public Improvement Ref Bonds	Series 2021 A	CO-MGR	Negotiated	Aa3 / AA	3.290	
07/21/21	256.46	Harris Co Flood Control Dt	Improvement Refunding Bonds	Series 2021 A	LEAD	Negotiated	Aaa / AAA		
06/23/21	167.76	Tennessee	General Obligation Bonds	2021 Series A	CO-MGR	Negotiated	Aaa / AAA		
06/22/21	1,854.09	Los Angeles City-California	TRANS	2021 Series	CO-MGR	Negotiated	NR / NR	0.290	
06/22/21	11.20	Sacramento City USD	General Obligation Bonds	2021 Series G	CO-MGR	Negotiated	A3 / NR		
06/22/21	99.26	Sacramento City USD	GO & Refunding Bonds	2021 Series G & 2021	CO-MGR	Negotiated	A3 / NR		
06/03/21	18.21	Monterey Co (Soledad) USD	General Obligation Bonds	Series A	SOLE	Negotiated	NR / NR		
05/25/21	1.53	Port Arthur City-Texas	Comb Tax & Cents of Oblig Bonds	Series 2021	SOLE	Negotiated	NR / NR		
05/20/21	2.10	Connecticut	GO Refunding Bonds	2021 Series C-3	CO-MGR	Negotiated	Aa3 / AA-	0.020	
05/20/21	5.60	Connecticut	GO Refunding Bonds	2021 Series C-1	CO-MGR	Negotiated	Aa3 / AA-	0.040	
05/20/21	15.00	Connecticut	General Obligation Bonds	2021 Series B-1	CO-MGR	Negotiated	Aa3 / AA-	0.200	
05/20/21	38.05	Connecticut	GO Refunding Bonds	2021 Series C-5	CO-MGR	Negotiated	Aa3 / AA-	0.310	
05/20/21	51.22	Connecticut	GO Refunding Bonds	2021 Series C-4	CO-MGR	Negotiated	Aa3 / AA-	0.410	
05/20/21	72.30	Connecticut	GO Refunding Bonds	2021 Series C-2	CO-MGR	Negotiated	Aa3 / AA-	0.580	
05/20/21	221.26	Connecticut	GO Refunding Bonds	2021 Series D	CO-MGR	Negotiated	Aa3 / AA-	2.830	
05/20/21	285.00	Connecticut	General Obligation Bonds	2021 Series B-2	CO-MGR	Negotiated	Aa3 / AA-	3.710	
04/27/21	86.91	San Francisco City/Co-California	GO Refunding Bonds	Series 2021-R2	CO-MGR	Negotiated	Aaa / AA+		
04/27/21	91.23	San Francisco City/Co-California	GO Refunding Bonds	Series 2021-R1	CO-MGR	Negotiated	Aaa / AA+		
04/20/21	74.54	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Lien Bonds	Subseries 2021 A-3	CO-MGR	Negotiated	NR / AA+	0.260	
04/20/21	173.92	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Lien Bonds	Subseries 2021 A-3	CO-MGR	Negotiated	NR / AA+	0.600	
04/08/21	409.36	Dallas ISD	Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	Aaa / AAA		
03/25/21	120.00	Triborough Bridge & Tunnel Auth	General Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa3 / AA-	1.420	
03/25/21	280.00	Triborough Bridge & Tunnel Auth	General Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa3 / AA-	3.300	
03/23/21	244.19	Ctl Texas Reg Mobility Au (CTRMA)	Sub Lien Revenue BANs	Series 2021 C	CO-MGR	Negotiated	Baa2 / NR		
03/23/21	3.58	Montgomery City-Alabama	GO Refunding Bonds	Series 2021-C	CO-MGR	Negotiated	NR / NR		
03/23/21	125.07	Montgomery City-Alabama	GO & Refunding Warrants	Series 2021-A & B	CO-MGR	Negotiated	NR / NR		
03/11/21	125.00	California	GO Various Purpose Bonds		CO-MGR	Negotiated	Aa2 / AA		
03/11/21	1,717.06	California	GO Various Purpose & Ref Bonds		CO-MGR	Negotiated	Aa2 / AA		
03/11/21	5.94	Kane Co (Aurora East) SD #131	GO School Refunding Bonds	Series 2021	SOLE	Negotiated	A1 / NR		
03/04/21	167.82	Mississippi	General Obligation Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / AA		
03/04/21	361.39	New York City-New York	General Obligation Bonds	2021 Series I	CO-MGR	Negotiated	Aa2 / AA-	4.510	
03/04/21	900.00	New York City-New York	General Obligation Bonds	Series F Subser F-1	CO-MGR	Negotiated	Aa2 / AA-		
03/03/21	25.00	Ohio	Higher Education GO Bonds	Series 2021 B	CO-MGR	Negotiated	Aa1 / AA+		
03/03/21	219.45	Ohio	Higher Education GO Bonds	Series 2021 A	CO-MGR	Negotiated	Aa1 / AA+		
03/03/21	352.59	Ohio	Common Schools GO & Ref Bonds	Series 2021 A & B	CO-MGR	Negotiated	Aa1 / AA+		
03/02/21	46.01	Pittsburgh City-Pennsylvania	General Obligation Bonds	Series of 2021	CO-MGR	Negotiated	NR / AA-		
02/10/21	118.75	Wisconsin	Gen Fund Annual Appro Ref Bonds	Series A of 2021	CO-MGR	Negotiated	Aa2 / AA		
01/28/21	557.51	Chicago City BOE	GO & Ref Dedicated Rev Bonds	Series 2021 A & B	CO-MGR	Negotiated	NR / BB		
01/26/21	19.80	Missouri City-Texas	GO & Ref & Comb Tx & Rev COBs	Series 2021	CO-MGR	Negotiated	Aa2 / NR		
01/26/21	131.30	Nashville-Davidson Co Metro Govt	GO Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR		
01/26/21	497.03	Nashville-Davidson Co Metro Govt	GO Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / NR		
01/21/21	80.80	Houston Community College (HCC)	Maintenance & Ldt Tax Ref Bonds	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
01/14/21	85.26	Columbus City-Ohio	GO Var Purp & Ldt Tx Ref Bonds	Series 2021-I&2 & C&D	CO-MGR	Negotiated	Aaa / AAA		
01/14/21	317.97	Columbus City-Ohio	GO Various Purpose & Ldt Tx Bonds	Series 2021 A & B	CO-MGR	Negotiated	Aaa / AAA		
01/14/21	330.50	Cook Co-Illinois	GO Refunding Bonds	Series 2021 A	LEAD	Negotiated	A2 / A+		
01/07/21	450.00	Denver City and Co SD #1	General Obligation Bonds	Series 2021	CO-MGR	Negotiated	Aa2 / AA+		
12/17/20	1,500.00	New York City-New York	General Obligation Bonds	Series D & E	CO-MGR	Negotiated	Aa2 / AA-		
12/09/20	500.00	Massachusetts	General Obligation RANs	2020 Series A	CO-MGR	Negotiated	NR / NR		
12/09/20	1,000.00	Massachusetts	General Obligation RANs	2020 Series B & C	CO-MGR	Negotiated	NR / NR		
12/09/20	279.32	University of Connecticut	GO & Refunding Bonds	2020 Series A	LEAD	Negotiated	A1 / A		
11/18/20	444.12	Massachusetts	GO Refunding Bonds	2020 Series E	CO-MGR	Negotiated	Aa1 / AA+		
11/18/20	1,005.20	Massachusetts	GO Ref & Consolidated Loan Bonds	Series of 2020 E & D	CO-MGR	Negotiated	Aa1 / AA+		
11/18/20	3,672.36	New Jersey	GO Emergency Bonds	2020 Series A	CO-MGR	Negotiated	A3 / A-		
10/29/20	1,793.81	Los Angeles Community College District	GO Refunding Bonds	2020 Series	CO-MGR	Negotiated	Aaa / NR		

GO Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ² (\$ per \$1,000 bond)	True Interest Cost ³ (%)
10/27/20	149.87	Los Angeles USD	General Obligation Bonds	Series C 2020	CO-MGR	Negotiated	Aa3 / AA+		
10/27/20	907.19	Los Angeles USD	General Obligation Bonds	Series C 2020	CO-MGR	Negotiated	Aa3 / AA+		
10/22/20	60.20	Suffolk Co-New York	Refunding Serial Bonds	2020 Series B	CO-MGR	Negotiated	Baa1 / BBB+		
10/22/20	74.20	Suffolk Co-New York	Refunding Serial Bonds	2020 Series C	CO-MGR	Negotiated	NR / BBB+		
10/14/20	49.84	Austin Community College Dt	Limited Tax Refunding Bonds	Series 2020	CO-MGR	Negotiated	Aa1 / NR		
10/14/20	10.43	Harrison Village-New York	Public Imp Ref Serial Bonds	2020 Series C	CO-MGR	Negotiated	Aaa / NR		1.669
10/08/20	900.00	New York City-New York	General Obligation Bonds	2021 Series C	CO-MGR	Negotiated	Aa2 / AA		
10/01/20	519.61	Louisiana	GO Refunding Bonds	2020 Series C-1 & 2	CO-MGR	Negotiated	Aa3 / NR		
09/24/20	22.80	Mobile Co-Alabama	GO Refunding Warrants	Series 2020 C	CO-MGR	Negotiated	Aa1 / NR		
09/24/20	43.37	Mobile Co-Alabama	GO Refunding Bonds & Warrants	Series 2020 A & B	CO-MGR	Negotiated	Aa1 / NR		
09/17/20	251.20	Harris Co Flood Control Dt	Improvement Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	Aaa / AAA		
09/10/20	30.00	Columbus State Community College	GO Facilities Cons & Imp Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / NR		
09/10/20	120.00	Columbus State Community College	GO Facilities Cons & Imp Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / NR		
09/02/20	212.50	California	Various Purpose GO Bonds		CO-MGR	Negotiated	Aa2 / AA	0.190	
09/02/20	2,418.45	California	Various Purpose GO & Ref Bonds		CO-MGR	Negotiated	Aa2 / AA	2.160	
09/02/20	36.65	Franklin Co (Columbus City) SD	GO Various Purpose Ref Bonds	Series 2020	SOLE	Negotiated	Aa2 / NR		
08/27/20	174.67	Arlington City-Texas	GO Pension Bonds	Series 2020	CO-MGR	Negotiated	Aa1 / AAA		
08/27/20	440.19	New York City-New York	General Obligation Bonds	Ser A&BSubser A1&B1	CO-MGR	Negotiated	Aa1 / AA		
08/27/20	660.29	New York City-New York	General Obligation Bonds	Ser A&BSubser A1&B1	CO-MGR	Negotiated	Aa1 / AA		
08/25/20	7.72	San Antonio City-Texas	Comb Tax & Rev Cert of Obligation	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
08/25/20	7.72	San Antonio City-Texas	Comb Tax & Rev Cert of Obligation	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
08/25/20	114.93	San Antonio City-Texas	Gen Imp & Comb Tax Rev Cert of Ob	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
08/25/20	114.93	San Antonio City-Texas	Gen Imp & Comb Tax Rev Cert of Ob	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
08/04/20	50.41	Miami Gardens City-Florida	GO Refunding Bonds	Series 2020	SOLE	Negotiated	A1 / NR		
07/16/20	29.28	Newark City-New Jersey	School Promissory Notes	Series 2020	SOLE	Negotiated	NR / NR		
07/15/20	1,270.69	Texas Transportation Commission	GO Mobility Fund Ref Bonds	Series 2020	CO-MGR	Negotiated	Aaa / AAA		
06/17/20	97.82	Ohio Public Fac Commission	Higher Education GO Ref Bonds	Series 2020 B	LEAD	Negotiated	Aa1 / AA+		
06/17/20	190.00	Ohio Public Fac Commission	Comm Sch & Infra Imp GO Ref Bonds	Series 2020 B	LEAD	Negotiated	Aa1 / AA+		
06/17/20	194.68	Ohio Public Fac Commission	Higher Education GO Ref Bonds	Series 2020 A	LEAD	Negotiated	Aa1 / AA+		
06/17/20	297.52	Ohio Public Fac Commission	Comm Sch & Infra Imp GO Ref Bonds	Series 2020 A	LEAD	Negotiated	Aa1 / AA+		
06/11/20	11.69	Kane Co (Aurora East) SD #131	GO Lease Obligation Bonds	Series 2020 C	SOLE	Negotiated	A1 / NR		
06/11/20	3,382.20	NYS Dorm Authority	State Personal Inc Tax RANs	Series 2020 B	CO-MGR	Negotiated	NR / NR		
05/28/20	49.47	Connecticut	General Obligation Bonds	2020 Series A-3	CO-MGR	Negotiated	A1 / A+	0.320	
05/28/20	198.04	Connecticut	General Obligation Bonds	2020 Series A-1	CO-MGR	Negotiated	A1 / A+	1.300	
05/28/20	252.50	Connecticut	General Obligation Bonds	2020 Series A-2	CO-MGR	Negotiated	A1 / A+	1.660	
05/20/20	3.95	Chicago Park District	Limited Tax Refunding Bonds	Series 2020 B	LEAD	Negotiated	NR / AA-	2.870	
05/20/20	9.59	Chicago Park District	Unlimited Tax Park Bonds	Series 2020 E	LEAD	Negotiated	NR / AA-	4.420	
05/20/20	30.23	Chicago Park District	Unlimited Tax Park Bonds	Series 2020 D	LEAD	Negotiated	NR / AA-	4.620	
05/20/20	38.62	Chicago Park District	Limited Tax Park Bonds	Series 2020 C	LEAD	Negotiated	NR / AA-	5.040	
05/20/20	40.16	Chicago Park District	Limited Tax Refunding Bonds	Series 2020 A	LEAD	Negotiated	NR / AA-	4.500	
05/13/20	800.00	Illinois	General Obligation Bonds	Series of May 2020	CO-MGR	Negotiated	Baa3 / BBB-		
04/30/20	195.25	San Francisco City/Co-California	GO Refunding Bonds	Series 2020-R1	CO-MGR	Negotiated	Aaa / AA+		
04/16/20	1,439.12	California	Various Purpose GO & Ref Bonds		CO-MGR	Negotiated	Aa2 / AA+		
04/13/20	43.56	Pittsburgh City-Pennsylvania	General Obligation Bonds	Series of 2020	CO-MGR	Negotiated	NR / AA-		
03/10/20	2,095.65	California	Various Purp GO & Ref Bonds	Series 1 & 2	CO-MGR	Negotiated	Aa2 / AA	2.520	
03/05/20	800.00	New York City-New York	General Obligation Bonds	20 Ser D Subser D-1	CO-MGR	Negotiated	Aa1 / AA	4.760	
02/28/20	16.76	Greensboro City-North Carolina	GO Refunding Bonds	Series 2020 D	CO-MGR	Negotiated	Aaa / AAA		
02/28/20	27.04	Greensboro City-North Carolina	GO Refunding Bonds	Series 2020 C	CO-MGR	Negotiated	Aaa / AAA		
02/13/20	1,081.39	New York City-New York	General Obligation Bonds	Subser C-1	CO-MGR	Negotiated	Aa1 / AA	3.770	
02/12/20	51.80	Kane Co (Aurora East) SD #131	GO Alt Rev Source Sch & Ref Bonds	Series 2020 A & B	SOLE	Negotiated	A1 / NR		
02/06/20	12.76	Greensboro City-North Carolina	Limited Obligations Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / AA+		
02/03/20	2.71	La Porte City-Texas	GO Refunding Bonds	Series 2020	SOLE	Negotiated	NR / NR		
01/27/20	8.90	Port Arthur City-Texas	Comb Tax & Rev Certs of Oblig	Series 2020 A	LEAD	Negotiated	NR / NR	6.630	
01/16/20	466.50	Chicago City-Illinois	GO Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	NR / BBB+		
12/13/19	18.90	Connecticut	General Obligation Bonds	2020 Series A	CO-MGR	Negotiated	A1 / A+	0.110	
12/13/19	27.90	Connecticut	General Obligation Bonds	2020 Series A-6	CO-MGR	Negotiated	A1 / A+	0.160	
12/13/19	73.11	Connecticut	General Obligation Bonds	2020 Series A-3	CO-MGR	Negotiated	A1 / A+	0.410	
12/13/19	104.97	Connecticut	General Obligation Bonds	2020 Series A-5	CO-MGR	Negotiated	A1 / A+	0.600	
12/13/19	154.99	Connecticut	General Obligation Bonds	2020 Series A-4	CO-MGR	Negotiated	A1 / A+	0.880	
12/13/19	194.64	Connecticut	GO Refunding Bonds	2020 Series B	CO-MGR	Negotiated	A1 / A+	1.950	
12/13/19	320.14	Connecticut	General Obligation Bonds	2020 Series A-2	CO-MGR	Negotiated	A1 / A+	1.820	
11/19/19	400.00	Port Authority of New York & New Jersey	Consolidated Bonds	217th Series	CO-MGR	Negotiated	Aa3 / AA-		
11/13/19	705.55	Texas Transportation Commission	St of Texas Hwy Imp GO Ref Bonds	Series 2019	CO-MGR	Negotiated	Aaa / AAA	3.970	
11/13/19	396.32	Washington	Motor Vehicle Fuel Tx GO Ref Bond	Series R-2021 A	CO-MGR	Negotiated	Aaa / AA+		
11/07/19	22.33	Yonkers City-New York	General Obligation Bonds	Series 2019 C	CO-MGR	Negotiated	A2 / NR		
11/07/19	126.28	Yonkers City-New York	GO & School Bonds	Series 2019 A & B	CO-MGR	Negotiated	A2 / NR		
10/29/19	11.07	Missouri City-Texas	GO & Refunding Bonds		CO-MGR	Negotiated	Aa2 / NR		
10/17/19	24.84	Philadelphia SD	General Obligation Bonds	Series B of 2019	CO-MGR	Negotiated	Baa3 / BB+	3.750	
10/17/19	123.81	Philadelphia SD	GO Refunding Bonds	Series of 2020	CO-MGR	Negotiated	Baa3 / BB+	1.900	
10/17/19	347.08	Philadelphia SD	TRANS	Series C of 2019-2020	CO-MGR	Negotiated	NR / NR	0.950	
10/17/19	456.24	Philadelphia SD	GO & Refunding Bonds	Ser A C & D of 2019	CO-MGR	Negotiated	Baa3 / BB+	3.920	
10/11/19	29.69	Greensboro City-North Carolina	Limited Obligation Bonds	Series 2019	CO-MGR	Negotiated	Aa2 / AA+		
10/09/19	92.76	Harris Co (Galena Park) ISD	School Building Bonds	Series 2019	CO-MGR	Negotiated	Aa1 / AA+	6.140	
10/04/19	340.00	New York City-New York	General Obligation Bonds	Series B Sub B-1	CO-MGR	Negotiated	Aa1 / AA	1.850	
10/04/19	510.00	New York City-New York	General Obligation Bonds	Series B Sub B-1	CO-MGR	Negotiated	Aa1 / AA	2.780	
10/01/19	329.67	Wisconsin	GO Refunding Bonds	Series 1 of 2019	CO-MGR	Negotiated	Aa1 / NR		
09/19/19	30.74	Triborough Bridge & Tunnel Auth	General Revenue Ref Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / AA-	1.520	
09/19/19	71.73	Triborough Bridge & Tunnel Auth	General Revenue Ref Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / AA-	3.560	
09/10/19	55.47	Austin City-Texas	Pub Imp Bonds & Certs of Oblig	Series 2019	CO-MGR	Negotiated	Aaa / AAA		
09/10/19	176.93	Austin City-Texas	Pub Imp & Ref & Certs of Oblig	Series 2019	CO-MGR	Negotiated	Aaa / AAA		
09/05/19	287.58	Chicago City BOE	Unltd Tax GO Refunding Bonds	Series 2019 A & B	CO-MGR	Negotiated	NR / BB	7.350	
08/27/19	37.05	Cuyahoga Co-Ohio	GO Ltd Tax Capital Imp Ref Bonds	Series 2019 B	CO-MGR	Negotiated	Aa2 / NR		
08/27/19	39.50	Cuyahoga Co-Ohio	GO Ltd Tax Capital Imp Bonds	Series 2019 A	CO-MGR	Negotiated	Aa2 / NR		
08/13/19	34.54	San Antonio City-Texas	Tax Notes	Series 2019	CO-MGR	Negotiated	Aaa / AA+	1.790	
08/13/19	36.43	San Antonio City-Texas	Comb Tax & Rev Certs of Ob Bonds	Series 2019	CO-MGR	Negotiated	Aaa / AA+	3.570	
08/13/19	383.94	San Antonio City-Texas	General Imp & Ref Bonds	Series 2019	CO-MGR	Negotiated	Aaa / AA+	3.820	
07/24/19	800.00	New York City-New York	General Obligation Bonds	Series A Subser A-1	CO-MGR	Negotiated	Aa1 / AA	4.680	

GO Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
07/23/19	125.33	Fort Bend ISD	Unltd Tx Sch Building & Ref Bonds	Series 2019 C	LEAD	Negotiated	NR / AA+	4.500	
06/28/19	34.66	Fort Bend Co-Texas	Limited Tax Facility Bonds	Series 2019	LEAD	Negotiated	Aa1 / AA+		
06/18/19	9.12	Port Arthur City-Texas	GO Refunding Bonds	Series 2019	CO-MGR	Negotiated	NR / NR	6.280	
05/15/19	45.00	Triborough Bridge & Tunnel Auth	General Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA-	1.490	
05/15/19	105.00	Triborough Bridge & Tunnel Auth	General Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA-	3.470	
05/15/19	14.45	Westchester Co-New York	GO Refunding Bonds	Series 2019 B	CO-MGR	Negotiated	Aa1 / AA+		
05/15/19	32.33	Westchester Co-New York	GO Refunding Bonds	2019 Series A	CO-MGR	Negotiated	Aa1 / AA+		
04/24/19	239.47	University of Connecticut	General Obligation Bonds	2019 & Ref Series A	CO-MGR	Negotiated	A1 / A		
04/11/19	2,023.98	California	Various Purpose GO & Ref Bonds		CO-MGR	Negotiated	Aa3 / AA-		
04/03/19	38.96	Rockland Co (Haverstraw-Stony Point) CSD	School District Refunding Bonds	Series 2019	LEAD	Negotiated	Aa3 / NR		
03/29/19	1.50	Connecticut	General Obligation Bonds	2019 Series A-4	CO-MGR	Negotiated	A1 / A+	0.020	
03/29/19	6.91	Connecticut	General Obligation Bonds	2019 Series A-2	CO-MGR	Negotiated	A1 / A+	0.090	
03/29/19	8.20	Connecticut	General Obligation Bonds	2019 Series A-6	CO-MGR	Negotiated	A1 / A+	0.050	
03/29/19	14.50	Connecticut	General Obligation Bonds	2019 Series A-5	CO-MGR	Negotiated	A1 / A+	0.200	
03/29/19	32.58	Connecticut	General Obligation Bonds	2019 Series A-4	CO-MGR	Negotiated	A1 / A+	0.180	
03/29/19	48.51	Connecticut	General Obligation Bonds	2019 Series A-1	CO-MGR	Negotiated	A1 / A+	0.270	
03/29/19	67.64	Connecticut	General Obligation Bonds	2019 Series A-3	CO-MGR	Negotiated	A1 / A+	0.930	
03/29/19	95.00	Connecticut	General Obligation Bonds	2019 Series A-2	CO-MGR	Negotiated	A1 / A+	0.530	
03/29/19	96.47	Connecticut	General Obligation Bonds	2019 Series A-7	CO-MGR	Negotiated	A1 / A+	0.530	
03/29/19	152.62	Connecticut	General Obligation Bonds	2019 Series A-5	CO-MGR	Negotiated	A1 / A+	8.440	
03/29/19	159.46	Connecticut	General Obligation Bonds	2019 Series A-1	CO-MGR	Negotiated	A1 / A+	2.190	
03/29/19	316.63	Connecticut	General Obligation Bonds	2019 Series A-3	CO-MGR	Negotiated	A1 / A+	1.750	
03/07/19	915.23	New York City-New York	General Obligation Bonds	Series E & F-1	CO-MGR	Negotiated	Aa1 / AA		
03/06/19	500.04	California	Various Purpose GO Ref Bonds		CO-MGR	Negotiated	Aa3 / AA-	0.570	
03/06/19	1,791.81	California	GO Var Purpose & Ref Bonds		CO-MGR	Negotiated	Aa3 / AA-	2.040	
02/14/19	72.42	San Francisco City/Co-California	General Obligation Bonds	Series 2019 A	CO-MGR	Negotiated	Aaa / AA+	2.840	
02/13/19	937.78	District of Columbia	General Obligation Bonds	Series 2019 A	CO-MGR	Negotiated	Aaa / AA+	4.390	
01/24/19	77.95	Massachusetts	GO Refunding Bonds	2019 Series B	CO-MGR	Negotiated	Aa1 / AA+	2.420	
01/08/19	50.00	Massachusetts	GO Consolidated Loan Bonds	2019 Series B	CO-MGR	Negotiated	Aa1 / AA+	0.150	
01/08/19	868.32	Massachusetts	GO Consolidated Loan & Ref Bonds	2019 Series A & A	CO-MGR	Negotiated	Aa1 / AA+	2.610	
01/08/19	24.57	San Antonio City-Texas	General Improvement Ref Bonds	Series 2019	LEAD	Negotiated	Aaa / AA+		
11/30/18	125.00	Chicago City BOE	General Obligation Bonds	Series 2018 D	CO-MGR	Negotiated	NR / BB-		
11/30/18	638.40	Chicago City BOE	GO & Refunding Bonds	Series 2018 C & D	CO-MGR	Negotiated	NR / BB-		
11/30/18	154.53	New York City-New York	General Obligation Bonds	Ser J Sub J-3 & J-11	CO-MGR	Negotiated	NR / NR	3.520	
11/30/18	700.00	New York City-New York	General Obligation Bonds	19 Ser D Subser D-1	CO-MGR	Negotiated	Aa2 / AA	4.730	
11/29/18	187.13	Ohio	GO Highway Cap Improvement Bonds	Series 2018	CO-MGR	Negotiated	Aa1 / AA+		
11/27/18	19.58	Missouri City-Texas	Combined Tax Rev Certs of Oblig	Series 2018 A & B	CO-MGR	Negotiated	Aa2 / NR		
10/31/18	46.41	St Louis City-Missouri	General Obligation Bonds	Series 2018	CO-MGR	Negotiated	NR / NR	6.650	
10/16/18	11.99	Missouri City-Texas	General Obligation Bonds	Series 2018	CO-MGR	Negotiated	Aa2 / NR		
10/03/18	15.06	Columbus City-Ohio	GO Var Purpose Limited Tax Bonds	Series 2018 B	CO-MGR	Negotiated	Aaa / AAA	3.460	
10/03/18	20.55	Columbus City-Ohio	GO Var Purpose Limited Tax Bonds	Series 2018 D	CO-MGR	Negotiated	Aaa / AAA	3.480	
10/03/18	25.04	Columbus City-Ohio	GO Var Purpose Unltd Tax Bonds	Series 2018 C	CO-MGR	Negotiated	Aaa / AAA	3.740	
10/03/18	339.16	Columbus City-Ohio	GO Var Purpose Unltd Tax Bonds	Series 2018 A	CO-MGR	Negotiated	Aaa / AAA	3.780	
08/28/18	298.18	Texas Public Finance Auth (TPFA)	GO & Refunding Bonds	Series 2018	CO-MGR	Negotiated	Aaa / NR	3.760	
08/22/18	965.77	Illinois	GO Refunding Bonds	Ser of Sept 2018 A&B	CO-MGR	Negotiated	Baa3 / BBB	3.570	
08/16/18	22.57	Alvin Community College Dt	Maintenance Tax Notes	Series 2018	CO-MGR	Negotiated	Aa3 / AA		
08/16/18	77.30	Birmingham City-Alabama	GO & Refunding Bonds	Series 2018-A & B	LEAD	Negotiated	Aa2 / AA-		
08/16/18	25.74	Connecticut	General Obligation Bonds	2018 Series E-3	CO-MGR	Negotiated	A1 / A+	0.250	
08/16/18	45.00	Connecticut	General Obligation Bonds	2018 Series A-2	CO-MGR	Negotiated	A1 / A+	0.590	
08/16/18	45.39	Connecticut	General Obligation Bonds	2018 Series E-1	CO-MGR	Negotiated	A1 / A+	0.430	
08/16/18	205.00	Connecticut	General Obligation Bonds	2018 Series A-1	CO-MGR	Negotiated	A1 / A+	2.670	
08/16/18	239.20	Connecticut	GO Refunding Bonds	2018 Series F	CO-MGR	Negotiated	A1 / A+	3.130	
08/16/18	253.87	Connecticut	General Obligation Bonds	2018 Series E-4	CO-MGR	Negotiated	A1 / A+	2.440	
TOTAL	104,770.95								

* Based on available information from SDC

COP Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
03/09/23	2.16	Staples-Motley ISD #2170	Certificates of Participation	Series 2023A	CO-MGR	Competitive	A2 / NR		3.994
01/19/23	55.00	Pueblo Co-Colorado	Certificates of Participation	Series 2023A	CO-MGR	Competitive	NR / NR		3.975
11/16/22	561.46	Duval Co School Board	Certificates of Participation	Series 2022A	CO-MGR	Negotiated	NR / A+		
10/12/22	14.20	Hennepin Co (Edina) ISD #273	Certificates of Participation	Series 2022A	CO-MGR	Competitive	Aa1 / NR		3.838
09/15/22	20.86	Mendocino Co-California	Certificates of Participation	Series 2022	SOLE	Negotiated	NR / NR		
07/14/22	4.86	Lawrence Co Emergency Svcs Bd	Certificates of Participation	Series 2022	CO-MGR	Competitive	NR / NR		4.031
04/28/22	38.59	San Diego Co (Vista) USD	Certificates of Participation	2022 Series	CO-MGR	Competitive	NR / NR		3.495
04/19/22	8.04	Mount Vernon City-Missouri	Certificates of Participation	Series 2022	CO-MGR	Competitive	NR / NR		3.567
03/22/22	21.22	Ramsey Co (St Paul) ISD #625	Certificates of Participation	Series 2022D	CO-MGR	Competitive	Aa2 / NR		3.078
03/10/22	11.63	Kentucky Interlocal Sch Trans Assoc	Equipment Lease COP Bonds	Series of 2022	CO-MGR	Competitive	NR / NR		
02/14/22	1.79	Becker (Frazee-Vergas) ISD #23	Certificates of Participation	Series 2022A	CO-MGR	Competitive	NR / NR		2.635
01/12/22	19.47	St Louis Co (Lindbergh) SD	Certificates of Participation	Series 2022	CO-MGR	Competitive	NR / NR		2.253
11/29/21	5.72	Rolla City-Missouri	Certificates of Participation	Series 2021	CO-MGR	Competitive	NR / NR		1.364
10/20/21	21.39	Ohio	Certificates of Participation	Series 2021	SOLE	Negotiated	Aa2 / NR		
06/23/21	21.22	Lincoln City-Nebraska	Certificates of Participation	Series 2021	CO-MGR	Competitive	NR / NR		1.369
06/10/21	14.84	Gladstone City-Missouri	Certificates of Participation	Series 2021 A	CO-MGR	Competitive	NR / NR		1.860
05/20/21	6.82	Washington Co (Forest Lake) ISD #831	Certificates of Participation	Series 2021 A	CO-MGR	Competitive	A3 / NR		1.716
05/19/21	500.00	Colorado	Certificates of Participation	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR		
05/18/21	8.43	Ramsey Co (St Paul) ISD #625	Certificates of Participation	Series 2021 D	CO-MGR	Competitive	Aa2 / NR		2.475
05/13/21	6.67	Washington (Stillwater) ISD #834	Certificates of Participation	Series 2021 A	CO-MGR	Competitive	Aa3 / NR		1.611
02/17/21	64.25	Colorado	Higher Ed Lease Pur Fin Prog COPs	Series 2021	CO-MGR	Negotiated	Aa2 / NR		
02/09/21	31.38	Wisconsin	Lease Certs of Participation	Series A of 2021	CO-MGR	Negotiated	Aa2 / AA		
01/26/21	8.72	Hennepin Co (Osseo) ISD #279	Certificates of Participation	Series 2021 A	CO-MGR	Competitive	Aa2 / NR		1.226
01/11/21	0.97	St Charles ISD #858	Certificates of Participation	Series 2021 B	CO-MGR	Competitive	A3 / NR		2.290
12/03/20	4.47	South San Luis Obispo Co Sanit Dt	Wstwr Rev Certs of Participation	2020 Series B	CO-MGR	Competitive	NR / NR		
12/03/20	23.05	South San Luis Obispo Co Sanit Dt	Wstwr Rev Certs of Participation	2020 Series A	CO-MGR	Competitive	NR / NR		
11/23/20	3.82	Rice Co (Faribault) ISD #656	Certificates of Participation	Series 2020 A	CO-MGR	Competitive	NR / NR		2.042
11/18/20	18.98	Sikeston City-Missouri	Certificates of Participation	Series 2020	CO-MGR	Competitive	NR / NR		2.389
10/20/20	1.18	Princeton ISD #477	Ref Certificates of Participation	Series 2020 A	CO-MGR	Competitive	A1 / NR		1.178
10/01/20	2.98	Montgomery Co-Maryland	Certificates of Participation	Series 2020 C	CO-MGR	Competitive	Aa1 / NR		1.161
09/15/20	19.20	Brighton City-Colorado	Certificates of Participation	Series 2020	CO-MGR	Competitive	NR / NR	7.710	1.747
07/28/20	9.50	St Louis Co (Lindbergh) SD	Certificates of Participation	Series 2020	CO-MGR	Competitive	Aa2 / NR	8.550	1.370
03/10/20	5.54	Dakota Co (Lakeville) ISD #194	Certificates of Participation	Series 2020 B	CO-MGR	Competitive	Aa3 / NR	19.610	2.086
02/19/20	16.65	Kentucky Interlocal Sch Trans Assoc	Equip Lease Cert of Participation	Series of 2020	CO-MGR	Competitive	A1 / NR		
01/15/20	10.19	San Benito Co-California	Certificates of Participation	2020 Series	CO-MGR	Competitive	NR / NR	11.530	2.500
01/09/20	8.12	Kirkville City-Missouri	Certificates of Participation	Series 2020	CO-MGR	Competitive	NR / NR		1.907
12/13/19	5.27	Dakota Co (South St Paul) SSD #6	Certificates of Participation	Series 2019 A	CO-MGR	Competitive	NR / NR		2.205
12/10/19	6.72	Hennepin Co (Minneapolis) SSD #1	Full Term Certs of Participation	Series 2019 C	CO-MGR	Competitive	A2 / NR		2.112
12/10/19	38.53	Northglenn City-Colorado	Certificates of Participation	Series 2019	CO-MGR	Competitive	NR / NR	12.150	2.329
12/04/19	5.05	Maryville City-Missouri	Ref & Imp Certs of Participation	Series 2019	CO-MGR	Competitive	NR / NR		2.294
10/10/19	17.00	Hennepin Co (Wayzata) ISD #284	Certificates of Participation	Series 2019 B	CO-MGR	Competitive	Aa1 / NR		2.473
07/16/19	3.44	Lincoln City-Nebraska	Certificates of Participation	Series 2019	CO-MGR	Competitive	Aaa / NR		1.772
05/30/19	14.06	Archuleta Co-Colorado	Certificates of Participation	Series of 2019	CO-MGR	Competitive	A1 / NR		3.079
05/13/19	5.78	Austin ISD #492	Certificates of Participation	Series 2019 A	CO-MGR	Competitive	A2 / NR		2.697
03/12/19	5.09	Dakota Co (Lakeville) ISD #194	Certificates of Participation	Series 2019 A	CO-MGR	Competitive	A1 / NR		2.839
03/05/19	23.87	Fort Collins City-Colorado	Certificates of Participation	Series 2019	CO-MGR	Competitive	Aa1 / NR	9.200	2.932
02/13/19	16.65	Kentucky Interlocal Sch Trans Assoc	Equipment Lease COPs	Series of 2019	CO-MGR	Competitive	A1 / NR		
01/24/19	4.96	Missouri School Boards Assoc	Ref Lease Participation Certs	Series 2019	CO-MGR	Competitive	NR / NR		2.747
TOTAL		1,719.68							

* Based on available information from SDC

Special Obligation Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
10/27/22	52.52	University of Connecticut	Special Oblig Student Fee Bonds	2022 Series A	CO-MGR	Negotiated	Aa3 / NR		
10/19/22	1,143.49	Connecticut	Special Tax Oblig & Ref Bonds	2022 Ser A & B	CO-MGR	Negotiated	Aa3 / AA-		
08/16/22	2,680.98	Massachusetts	Special Obligation Rev Bonds	2022 Series A&B	CO-MGR	Negotiated	Aa1 / AAA		
07/06/22	18.72	St Louis Co-Missouri	Special Obligation Bonds	Series 2022B	CO-MGR	Competitive	NR / NR		3.553
06/22/22	115.67	Northern Virginia Trans Dt Comm	Transpo Dt Special Oblig Bonds	Series 2022	CO-MGR	Negotiated	Aa1 / NR		
04/13/22	2.92	Kansas City-Missouri	Special Obligation Bonds	Series 2022A	CO-MGR	Negotiated	A2 / NR		
04/13/22	34.36	Kansas City-Missouri	Special Obligation Bonds	Series 2022B	CO-MGR	Negotiated	A2 / NR		
04/13/22	167.46	Kansas City-Missouri	Special Oblig Ref & Imp Bonds	Series 2022C	CO-MGR	Negotiated	A2 / NR		
02/22/22	6.46	St Joseph City-Missouri	Special Obligation Imp Bonds	Series 2022	CO-MGR	Competitive	NR / NR		2.092
11/10/21	500.00	Connecticut	Special Tax Obligations Bonds	2021 Series D	CO-MGR	Negotiated	Aa3 / AA-	4.340	
10/06/21	34.56	St Louis Co-Missouri	Special Obligation Ref Bonds	Series 2021 F	CO-MGR	Competitive	NR / NR		1.713
09/14/21	6.09	St Louis Co-Missouri	Special Obligation Refunding Bond	Series 2021 D	CO-MGR	Competitive	NR / NR		0.588
04/23/21	144.19	Connecticut	Special Tax Oblig Ref Bonds	2021 Series C	CO-MGR	Negotiated	Aa3 / A+	4.370	
04/23/21	886.70	Connecticut	Special Tax Oblig & Ref Bonds	2021 Series A & B	CO-MGR	Negotiated	Aa3 / A+	4.170	
02/10/21	8.45	St Louis Co-Missouri	Special Obligation Bonds	Series 2021 A	CO-MGR	Competitive	NR / NR		0.510
10/28/20	11.93	O Fallon City-Missouri	Special Obligation Ref Bonds	Series 2020	CO-MGR	Competitive	Aa2 / NR		1.640
09/28/20	22.81	St Charles Co-Missouri	Special Obligation Ref Bonds	Series 2020	CO-MGR	Competitive	NR / NR		0.637
09/21/20	5.12	Columbia City-Missouri	Special Obligation Ref Bonds	Series 2020 C	CO-MGR	Competitive	NR / NR		1.121
07/09/20	13.70	St Louis Co-Missouri	Special Obligation Bonds	Series 2020 B	CO-MGR	Competitive	NR / NR		2.380
05/20/20	850.00	Connecticut	Special Tax Obligation Bonds	2020 Series A	CO-MGR	Negotiated	NR / A+	4.740	
05/19/20	18.39	Richland Co SD #2	Special Obligation Bonds	Series 2020	CO-MGR	Competitive	Aa3 / NR		1.762
11/21/19	3.39	Liberty City-Missouri	Special Obligation Bonds	Series 2019 B	CO-MGR	Competitive	NR / NR		2.256
10/28/19	5.87	Raymore City-Missouri	Special Obligation Ref Bonds	Series 2019	CO-MGR	Competitive	Aa3 / NR		2.295
10/16/19	33.34	Columbus Metropolitan Library	Spec Oblig Library Facs Bonds	Series 2019	CO-MGR	Negotiated	Aa2 / NR	4.160	
09/12/19	21.06	Alabama Incentives Fin Auth	Special Obligation Ref Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / NR	3.330	
09/12/19	131.47	Alabama Incentives Fin Auth	Special Obligation Ref Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / NR	3.330	
06/11/19	28.81	Massachusetts Dev Finance Agcy	Special Obligation Bonds	Series 2019 A	CO-MGR	Competitive	Aa1 / AA+	14.470	2.976
03/18/19	10.40	Columbia City-Missouri	Special Obligation Ref Bonds	Series 2019	CO-MGR	Competitive	NR / NR	7.390	2.567
11/13/18	15.99	Liberty City-Missouri	Special Obligation Bonds	Series 2018	CO-MGR	Competitive	NR / NR	10.820	3.459
09/17/18	9.06	Richmond Heights City-Missouri	Special Oblic Ref & Imp Bonds	Series 2018	CO-MGR	Competitive	NR / NR		3.241
TOTAL	6,983.86								

* Based on available information from SDC

Sports Facilities Transactions August 15, 2018 - August 15, 2023									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
02/10/21	50.00	NYC Industrial Dev Agency	Pilot Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	Baa2 / BBB		
02/10/21	501.54	NYC Industrial Dev Agency	Pilot Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	Baa2 / BBB		
09/24/20	116.02	NYC Industrial Dev Agency	Pilot Revenue Refunding Bonds	Series 2020 B	CO-MGR	Negotiated	Baa1 / NR		
09/24/20	811.26	NYC Industrial Dev Agency	Pilot Revenue Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	Baa1 / BBB+		
10/18/18	11.45	Greensboro City-North Carolina	Limited Obligation Bonds	Series 2018 B	CO-MGR	Negotiated	Aa2 / AA+	4.990	
10/18/18	20.65	Greensboro City-North Carolina	Limited Obligation Bonds	Series 2018 A	CO-MGR	Negotiated	Aa2 / AA+	4.990	
TOTAL	1,510.91								

* Based on available information from SDC

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread* (\$ per \$1,000 bond)	True Interest Cost* (%)
08/03/23	61.29	NYS Dorm Authority	State Sales Tax Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Aa1 / NR		
08/03/23	379.76	NYS Dorm Authority	State Sales Tax Revenue Bonds	Series 2023A-1&2	CO-MGR	Negotiated	Aa1 / NR		
08/03/23	1,303.43	NYS Dorm Authority	State Sales Tax Revenue Bonds	Series 2023A-1&2	CO-MGR	Negotiated	Aa1 / NR		
08/02/23	179.31	Long Island Power Authority	Electric System Gen Rev Bonds	Series 2023F	CO-MGR	Negotiated	A2 / A		
08/02/23	400.00	Long Island Power Authority	Electric System Gen Rev Bonds	Series 2023E	CO-MGR	Negotiated	A2 / A		
08/01/23	10.97	Florida Capital Projects Fin Auth	Student Housing Revenue Bonds	Series 2023A-2	CO-MGR	Negotiated	Baa3 / NR		
08/01/23	61.00	Florida Capital Projects Fin Auth	Student Housing Revenue Bonds	Series 2023A-1	CO-MGR	Negotiated	Baa3 / NR		
07/20/23	115.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2023 Series C	CO-MGR	Negotiated	Aa1 / AA+		
07/20/23	185.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2023 Series D	CO-MGR	Negotiated	Aa1 / AA+		
07/20/23	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	2024 Series A-1	CO-MGR	Negotiated	Aa1 / AAA		
07/20/23	75.00	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 80-A	CO-MGR	Negotiated	Aa1 / NR		
07/20/23	85.29	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opp Bonds	Series 80-T-1	CO-MGR	Negotiated	Aa1 / NR		
07/19/23	337.16	California State Univ Trustees	Systemwide Revenue Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / NR		
07/19/23	462.20	California State Univ Trustees	Systemwide Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Aa2 / NR		
07/18/23	117.43	Univ of Colorado Bd of Regents	Univ Enterprise Ref Rev Bonds	Series 2023A	LEAD	Negotiated	Aa1 / AA+		
07/12/23	160.00	Illinois Housing Dev Authority	Revenue Bonds	2023 Series H	CO-MGR	Negotiated	Aaa / NR		
07/11/23	76.67	Illinois Housing Dev Authority	Revenue Bonds	2023 Series I	LEAD	Negotiated	Aaa / NR		
07/11/23	25.88	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2023C	CO-MGR	Negotiated	Aa1 / AA+		
07/11/23	80.68	Texas Public Finance Auth (TPFA)	University Rev Fin Sys Bonds	Series 2023	LEAD	Negotiated	NR / BBB+		
06/29/23	2.78	Battery Park City Authority	Senior Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Aaa / AAA		
06/29/23	9.21	Battery Park City Authority	Senior Revenue Bonds	Series 2023c	CO-MGR	Negotiated	Aaa / AAA		
06/29/23	339.82	Battery Park City Authority	Senior Revenue Bonds	Series 2023A	CO-MGR	Negotiated	Aaa / AAA		
06/29/23	380.72	Battery Park City Authority	Senior Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Aaa / AAA		
06/28/23	175.02	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Ln Bonds	Series 2023B	CO-MGR	Negotiated	NR / AA+		
06/28/23	212.49	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Ln Bonds	Series 2023B	CO-MGR	Negotiated	NR / AA+		
06/28/23	212.50	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Ln Bonds	Series 2023B	CO-MGR	Negotiated	NR / AA+		
06/22/23	29.58	NYC Housing Dev Corp	Housing Impact Bonds	2023 Series A	CO-MGR	Negotiated	Aa2 / NR	0.660	
06/22/23	290.73	NYC Housing Dev Corp	Housing Impact Bonds	2023 Series A	CO-MGR	Negotiated	Aa2 / NR		
06/22/23	84.04	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2023 Series C-1	CO-MGR	Negotiated	Aa2 / NR		
06/09/23	172.86	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2023 Series A-1	CO-MGR	Negotiated	Aa2 / NR	1.600	
06/08/23	119.50	Harris Co-Texas	Toll Road 1st Lien Rev Ref Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / AA		
06/07/23	100.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Rev Bonds	2023 Series B	CO-MGR	Negotiated	Aa2 / AA-		
06/06/23	2.60	Philadelphia Redevel Authority	Revenue Bonds	Series 2023A	SOLE	Negotiated	NR / NR		
06/06/23	337.92	Univ of Texas Sys Bd of Regents	Revenue Fin System Bonds	Series 2023A	CO-MGR	Negotiated	Aaa / AAA	2.767	
06/01/23	29.85	New Jersey Hsg & Mtg Fin Agency	Multi-Family Housing Rev Bonds	2023 Series D	CO-MGR	Negotiated	NR / NR		
06/01/23	45.86	New Jersey Hsg & Mtg Fin Agency	Multi-Family Housing Rev Bonds	2023 Series A&B	CO-MGR	Negotiated	NR / NR		
06/01/23	58.24	New Jersey Hsg & Mtg Fin Agency	Multi-Family Housing Rev Bonds	2023 Series C	CO-MGR	Negotiated	NR / NR		
05/24/23	5.07	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2023-14B	CO-MGR	Negotiated	Aa1 / NR		
05/24/23	388.91	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2023-142A	CO-MGR	Negotiated	Aa1 / NR	6.290	
05/24/23	636.58	San Antonio City-Texas	Elec & Gas Sys Rev Ref Bonds	Series 2023 A&B	LEAD	Negotiated	Aa2 / AA-		
05/17/23	19.99	Philadelphia Redevel Authority	City Svc Agreement Rev Bonds	Series B of 2023	LEAD	Negotiated	A1 / A		
05/17/23	24.63	Philadelphia Redevel Authority	City Svc Agreement Rev Bonds	Series C of 2023	LEAD	Negotiated	A1 / A		
05/17/23	79.47	Philadelphia Redevel Authority	City Svc Agreement Rev Bonds	Series A of 2023	LEAD	Negotiated	A1 / A		
05/05/23	135.47	New York Transportation Development Corporation	Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Baa3 / NR		
05/02/23	112.39	Connecticut Hlth & Ed Facs Auth (CHEFA)	Revenue Bonds	Series E	CO-MGR	Negotiated	A3 / A+		
04/26/23	0.80	Illinois Finance Authority	Lease Revenue Bonds	Series 2023C	CO-MGR	Negotiated	Aa2 / NR	0.050	
04/26/23	9.57	Illinois Finance Authority	Parking Facility Lease Rev Bonds	Series 2023B	CO-MGR	Negotiated	Aa2 / NR	0.550	
04/26/23	76.85	Illinois Finance Authority	Learning Facility Lease Rev Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / NR	4.400	
04/26/23	60.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2023 Series A	CO-MGR	Negotiated	Aa1 / AA+		
04/26/23	90.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2023 Series B	CO-MGR	Negotiated	Aa1 / AA+		
04/26/23	150.96	NYS Environmental Facs Corp	Revenue Bonds	Series 2023A	LEAD	Negotiated	Aaa / AAA		
04/25/23	70.65	Oregon Dept of Admin Services	State Lottery Rev Bonds	Series 2023 B	LEAD	Negotiated	Aa2 / NR	1.180	
04/25/23	151.60	Oregon Dept of Admin Services	State Lottery Rev Bonds	Series 2023 A	LEAD	Negotiated	Aa2 / NR	2.520	
04/19/23	417.62	Austin City-Texas	Elec Util Sys Rev Ref & Imp Bonds	Series 2023	CO-MGR	Negotiated	Aa3 / AA-	3.530	
04/12/23	25.58	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2023B	CO-MGR	Negotiated	Aa2 / AA+		
03/15/23	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2023 Series F&F1	CO-MGR	Negotiated	Aa1 / AAA	5.000	
03/15/23	34.15	NYS Housing Fin-Mortgage Agcy	Homeowner Mtg Rev Bonds	Series 251	CO-MGR	Negotiated	Aa1 / NR		
03/15/23	115.86	NYS Housing Fin-Mortgage Agcy	Homeowner Mtg Rev Bonds	Series 250	CO-MGR	Negotiated	Aa1 / NR		
03/10/23	1,253.75	Triborough Bridge & Tunnel Auth	Sales Tax Revenue Bonds	Series 2023 A	CO-MGR	Negotiated	NR / AAA	4.620	
03/09/23	65.03	Metro Atlanta Rapid Transit Au (MARTA)	Sales Tax Revenue Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / NR		
03/09/23	3,521.75	Texas Natural Gas Sec Fin Corp	Customer Rate Relief Bonds	Series 2023	CO-MGR	Negotiated	Aaa / AAA	3.840	
03/07/23	343.80	Pennsylvania Turnpike Commission	Sub Revenue Refunding Bonds	First Series of 2023	LEAD	Negotiated	A3 / A		
03/01/23	181.16	Illinois Finance Authority	Revenue Bonds	Series 2023A	CO-MGR	Negotiated	Aa2 / AA+	2.420	
02/23/23	61.36	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 228	LEAD	Negotiated	Aa1 / NR	2.740	
02/23/23	95.00	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 227	LEAD	Negotiated	Aa1 / NR	4.250	
02/15/23	52.35	Regents of the University of California	General Revenue Bonds	2023 Series BO	CO-MGR	Negotiated	Aa2 / AA	2.380	
02/15/23	1,771.69	Regents of the University of California	General Revenue Bonds	2023 Series BN	CO-MGR	Negotiated	Aa2 / AA	2.340	
02/09/23	1,077.60	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2023 SerE SubE-1	CO-MGR	Negotiated	Aa1 / AAA		
02/08/23	3.50	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa2 / NR		
02/08/23	7.82	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa2 / NR		
02/08/23	11.44	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa2 / NR		
02/08/23	22.94	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series B	CO-MGR	Negotiated	Aa2 / NR		
02/08/23	46.87	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series A-1	CO-MGR	Negotiated	Aa2 / NR		
02/08/23	63.34	Massachusetts Housing Fin Agcy	Housing Bonds	2023 Series A-3	CO-MGR	Negotiated	Aa2 / NR		

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (MT)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
02/01/23	16.00	Wisconsin Public Finance Auth	Subordinate Revenue Bonds	Series 2023B	SOLE	Negotiated	NR / NR		
02/01/23	56.03	Wisconsin Public Finance Auth	Senior Revenue Bonds	Series 2023A	SOLE	Negotiated	NR / NR		
01/26/23	4.07	Illinois Housing Dev Authority	Multi-Family Revenue Bonds	2023 Series B	CO-MGR	Negotiated	Aaa / NR		
01/26/23	13.00	Illinois Housing Dev Authority	Multi-Family Revenue Bonds	2023 Series B	CO-MGR	Negotiated	Aaa / NR		
01/26/23	90.70	Wisconsin Public Finance Auth	Health Care System Rev Ref Bonds	Series 2023A	CO-MGR	Negotiated	NR / AA		
01/19/23	160.00	New Jersey Econ Dev Auth	State Lease Revenue Bonds	2023 Series A	LEAD	Negotiated	Baa1 / NR	3.410	
01/18/23	352.53	JobsOhio Beverage System	Liquor Profits Revenue Bonds	Series 2023	CO-MGR	Negotiated	Aa3 / NR	4.970	
01/06/23	764.95	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Ref Bonds	Series 2023A	CO-MGR	Negotiated	NR / AA+	3.200	
12/14/22	250.00	District of Columbia	Revenue Bonds	Series 2022A&B-1	SOLE	Negotiated	NR / NR		
12/08/22	31.16	Massachusetts Housing Fin Agcy	Single Family Hsg Notes	Series 2022	CO-MGR	Negotiated	Aa1 / NR		
12/07/22	141.10	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2022 Series F-1	CO-MGR	Negotiated	Aa2 / NR		
12/07/22	214.04	Oregon Dept of Transportation	Highway User Tx Rev Sr Lien Bonds	Series 2022A	CO-MGR	Negotiated	Aa1 / AA+		
12/06/22	58.56	Illinois Finance Authority	Revenue Bonds	Series 2022	CO-MGR	Negotiated	NR / NR	4.870	
12/06/22	207.60	Illinois Finance Authority	Revenue Bonds	Series 2022A	CO-MGR	Negotiated	NR / AA-	4.380	
12/06/22	86.53	New Jersey Infrastructure Bank (I-Bank)	Env Infrastructure Bonds	Series 2022A-2	CO-MGR	Negotiated	Aaa / AAA		
12/05/22	103.79	California Infrstr & Eco Dev Bank	Infrastructure St Revolv Fund	Series 2022A	CO-MGR	Negotiated	NR / AAA		
11/21/22	200.00	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 226	CO-MGR	Negotiated	Aa1 / NR		
11/18/22	46.24	Yonkers Industrial Dev Agency	School Facility Revenue Bonds	Series 2022	CO-MGR	Negotiated	Aa2 / NR		
11/15/22	238.06	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2022 Series E	CO-MGR	Negotiated	Aa2 / AA-		
11/15/22	100.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2022 Series D	CO-MGR	Negotiated	Aa1 / AA+		
11/07/22	11.56	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2022 C	CO-MGR	Negotiated	Aa2 / AA+		
11/02/22	326.78	NYS Environmental Facs Corp	Revolving Funds Revenue Bonds	Series 2022 B	CO-MGR	Negotiated	Aaa / AAA		
10/27/22	28.46	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2022 Series D	CO-MGR	Negotiated	Aa2 / AA-		
10/27/22	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2023 Sub D-1	CO-MGR	Negotiated	Aa1 / AAA		
10/27/22	300.32	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax & Ref Bonds	Series 2022E-1.2B	CO-MGR	Negotiated	NR / AA+		
10/27/22	300.32	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax & Ref Bonds	Series 2022E-2B	CO-MGR	Negotiated	NR / AA+		
10/25/22	78.86	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 225	CO-MGR	Negotiated	Aa1 / NR		
10/25/22	138.58	Missouri Development Fin Board	Revenue Bonds	Series 2022	CO-MGR	Negotiated	A1 / NR		
10/25/22	3.54	San Luis Obispo Co Fin Auth	Lease Revenue Bonds	Series 2022B	SOLE	Negotiated	NR / NR		
10/25/22	68.08	San Luis Obispo Co Fin Auth	Lease Revenue Bonds	Series 2022A	SOLE	Negotiated	NR / NR		
10/19/22	496.50	Colorado Health Facilities Auth	Revenue Bonds		CO-MGR	Negotiated	Baa1 / A-		
10/19/22	65.47	Massachusetts Housing Fin Agcy	Housing Bonds	2022 Series C-1	CO-MGR	Negotiated	Aa2 / NR		
10/19/22	73.61	Massachusetts Housing Fin Agcy	Housing Bonds	2022 Series C-3	CO-MGR	Negotiated	Aa2 / NR		
10/18/22	510.66	Southeast Pennsylvania Trans Auth	Revenue Bonds	Series of 2022	CO-MGR	Negotiated	Aa3 / AA		
10/12/22	700.00	New Jersey Turnpike Authority	Turnpike Revenue Bonds	Series 2022 B	CO-MGR	Negotiated	A1 / A+		
09/29/22	6.47	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2022B	CO-MGR	Negotiated	Aa2 / AA+		
09/16/22	53.59	NYS Utility Debt Securitization Auth	Restructuring Bonds	Series 2022T	LEAD	Negotiated	Aaa / NR		
09/14/22	689.17	North Texas Tollway Auth (NTTA)	System Revenue Ref Bonds	Series 2022A&B	CO-MGR	Negotiated	A1 / NR		
09/13/22	254.73	Pennsylvania Turnpike Commission	Turnpike Rev Ref Bonds	Series A of 2022	LEAD	Negotiated	A1 / AA-		
09/12/22	372.92	Univ of Texas Sys Bd of Regents	Permanent Univ Fund Bonds	Series 2022A	CO-MGR	Negotiated	Aaa / AAA		
08/25/22	98.72	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2022 Series C	CO-MGR	Negotiated	Aa1 / AA+		
08/25/22	867.47	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2023 Sub B-1&C-1	CO-MGR	Negotiated	Aa1 / AAA		
08/25/22	23.27	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2022-140B	CO-MGR	Negotiated	Aa1 / NR		
08/25/22	129.69	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2022-140A	CO-MGR	Negotiated	Aa1 / NR		
08/25/22	154.14	Richmond City-California	Pension Refunding Bonds	Series 2022	LEAD	Negotiated	NR / NR		
08/23/22	160.00	Loudoun Co Economic Dev Auth	Revenue Bonds	Series 2022A	CO-MGR	Negotiated	Aaa / NR		
08/23/22	49.15	New Hampshire National Fin Auth	Revenue Bonds	Series 2022	SOLE	Negotiated	NR / NR		
08/18/22	317.96	Regents of the University of California	General Revenue Bonds	2023 Series BM	CO-MGR	Negotiated	Aa2 / AA		
08/17/22	130.36	Long Island Power Authority	Electric Sys Gen Rev Bonds	Series 2022A	CO-MGR	Negotiated	A2 / A		
08/17/22	65.24	Regents of the University of California	General Revenue Bonds	2022 Series BL	CO-MGR	Negotiated	Aa2 / AA		
08/17/22	702.33	Regents of the University of California	General Revenue Bonds	2022 Series Bk	CO-MGR	Negotiated	Aa2 / AA		
08/16/22	9.57	Port Arthur City-Texas	Comb Tax & Certs of Oblig Bonds	Series 2022	LEAD	Negotiated	NR / NR		
08/11/22	400.00	Triborough Bridge & Tunnel Auth	General Revenue Bonds	Series 2022A	CO-MGR	Negotiated	Aa3 / AA-		
08/04/22	212.06	Georgia Priv College & Univ Auth	Revenue Bonds	Series 2022A	LEAD	Negotiated	Aa2 / NR		
07/22/22	151.34	NYC Housing Dev Corp	Multi-Family Housing Bonds	2022 Series E-1&2	CO-MGR	Negotiated	Aa2 / NR		
07/21/22	492.30	NYC Transitional Finance Auth	Building Aid Revenue Bonds	Fis 2023 Sub S-1A	CO-MGR	Negotiated	Aa2 / AA		
07/12/22	139.31	District of Columbia	Income Tax Secured Rev Bonds	Series 2022B	CO-MGR	Negotiated	Aa1 / AA+		
07/12/22	635.33	District of Columbia	Income Tax Secured Rev Bonds	Series 2022C	CO-MGR	Negotiated	Aa1 / AA+		
07/12/22	648.86	District of Columbia	Income Tax Secured Rev Bonds	Series 2022A	CO-MGR	Negotiated	Aa1 / AA+		
07/07/22	700.00	Triborough Bridge & Tunnel Auth	Sales Tax Revenue Bonds	Series 2022A	CO-MGR	Negotiated	NR / AAA		
06/30/22	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2023 Sub A-1	CO-MGR	Negotiated	Aa1 / AAA		
06/30/22	250.00	Sumter Co Industrial Dev Auth	Exempt Facilities Rev Bonds	Series 2022	CO-MGR	Negotiated	B1 / BB-		
06/23/22	6.65	Cleveland-Cuyahoga Co Port Auth	Student Hsg Facs Rev Bonds	Series 2022B	CO-MGR	Negotiated	A3 / NR		
06/23/22	140.29	Cleveland-Cuyahoga Co Port Auth	Student Hsg Facs Rev Bonds	Series 2022A	CO-MGR	Negotiated	A3 / NR		
06/08/22	40.48	Los Angeles Co Metro Trans Auth	Sales Tax Revenue Ref Bonds	Series 2022-A	CO-MGR	Negotiated	Aa1 / NR		
06/08/22	18.77	Massachusetts Housing Fin Agcy	Housing Bonds	Series 2022A-2	CO-MGR	Negotiated	Aa2 / NR		
06/08/22	25.84	Massachusetts Housing Fin Agcy	Housing Bonds	Series 2022A-1&3	CO-MGR	Negotiated	Aa2 / NR		
06/08/22	30.35	Massachusetts Housing Fin Agcy	Housing Bonds	Series 2022A-2	CO-MGR	Negotiated	Aa2 / NR		
06/08/22	88.04	Ohio Higher Ed Fac Commission	Revenue Bonds	Series 2022A	CO-MGR	Negotiated	A2 / NR		
06/08/22	198.37	Wisconsin Public Finance Auth	Health Care Sys Rev Bonds	Series 2022A	CO-MGR	Negotiated	NR / AA		
06/07/22	194.03	Harris Co-Texas	Toll Road 1st Lien Rev Ref Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / AA		
06/07/22	115.71	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	Series C-1	CO-MGR	Negotiated	Aa2 / NR		
06/01/22	44.94	Univ of Houston Sys Bd of Regents	Consolidated Rev & Ref Bonds	Series 2022B	CO-MGR	Negotiated	Aa2 / NR		
06/01/22	385.68	Univ of Houston Sys Bd of Regents	Consolidated Rev & Ref Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / NR		

**Broward County Board of
County Commissioners**

GEN2126726Q1

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
05/25/22	59.40	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 224	LEAD	Negotiated	Aa1 / NR		
05/19/22	23.27	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	2022 Series A	CO-MGR	Negotiated	Aa2 / AA		
05/19/22	37.38	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2022 Series B	CO-MGR	Negotiated	Aa1 / AA		
05/19/22	111.63	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2022 Series A	CO-MGR	Negotiated	Aa1 / AA		
05/17/22	300.00	New Jersey Educational Facs Au	Revenue Bonds	Series 2022A	LEAD	Negotiated	Aaa / NR		
05/12/22	759.12	NYS Dorm Authority	School Dt Rev Bond Fin Prog Bond	Series A & B	CO-MGR	Negotiated	Aa3 / AA-		
05/11/22	71.15	Erie Co Industrial Dev Agency	School Facs Ref Rev Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / NR		
05/11/22	3,193.51	Louisiana Gov Env Fac & CDA (LCDA)	System Restoration Bonds	Series 2022 A	CO-MGR	Negotiated	NR / NR		
04/28/22	34.76	High Point City-North Carolina	Comb Enterprise Sys Rev Bonds	Series 2022	CO-MGR	Negotiated	Aa2 / AA+		
04/28/22	90.14	Illinois Housing Dev Authority	Revenue Bonds	2022 Series C	CO-MGR	Negotiated	Aaa / NR		
04/27/22	146.40	Phoenix City-Arizona	GO Refunding Bonds	Series 2022	CO-MGR	Negotiated	Aa1 / AAA		
04/27/22	1,100.00	Regents of the University of California	Medical Ctr Pooled Rev Bonds	2022 Series Q	CO-MGR	Negotiated	Aa3 / AA-		
04/27/22	1,900.00	Regents of the University of California	Medical Ctr Pooled Rev Bonds	2022 Series Q	CO-MGR	Negotiated	Aa3 / AA-		
04/20/22	207.83	Massachusetts Dev Finance Agcy	Revenue Bonds	Series 2022B	CO-MGR	Negotiated	Aaa / NR	3.380	
04/13/22	14.45	New Hampshire National Fin Auth	Revenue Bonds	Series 2022A	CO-MGR	Negotiated	NR / NR		
04/13/22	29.83	New Hampshire National Fin Auth	Revenue Bonds	Series 2022B	CO-MGR	Negotiated	NR / NR		
04/12/22	94.04	Oregon	OR State Lottery Revenue Bonds	2022 Series A	CO-MGR	Negotiated	Aa2 / NR		
04/12/22	123.65	Oregon	OR State Lottery Revenue Bonds	2022 Series B	CO-MGR	Negotiated	Aa2 / NR		
04/06/22	413.01	NYS Environmental Facs Corp	Clean & Drinking Wtr Revolv Bonds	Seres 2022A	CO-MGR	Negotiated	Aaa / AAA		
04/05/22	7.39	NYS Municipal Bond Bank	Refunding Revenue Bonds	Series 2022A	CO-MGR	Negotiated	NR / NR		
04/05/22	608.31	NYS Power Authority	Revenue Bonds	Series 2022A	CO-MGR	Negotiated	A2 / NR		
04/05/22	1,000.02	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Ref Bonds	Series 2022B	CO-MGR	Negotiated	NR / AA+		
03/31/22	950.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fiscal 2022 Sub F-I	LEAD	Negotiated	Aa1 / AAA		
03/29/22	1,050.00	California Health Facs Fin Auth	Senior Revenue Bonds	Series 2022	CO-MGR	Negotiated	Aa3 / AA-		
03/29/22	360.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2022 Series B	CO-MGR	Negotiated	Aa2 / AA-		
03/29/22	413.72	San Antonio City-Texas	Electric & Gas Sys Rev Ref Bonds	New Series 2022	CO-MGR	Negotiated	Aa3 / AA-		
03/25/22	398.27	NYC Housing Dev Corp	Capital Fund Program Rev Bonds	Series 2022A	CO-MGR	Negotiated	NR / NR		
03/23/22	17.85	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2022 Series C	CO-MGR	Negotiated	Aa2 / NR		
03/23/22	102.44	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2022 Series A-1&B-1	CO-MGR	Negotiated	Aa2 / NR		
03/15/22	2,422.34	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2022A	CO-MGR	Negotiated	NR / AA+		
03/10/22	140.53	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2022 Sub D-I	CO-MGR	Negotiated	Aa1 / AAA		
03/10/22	709.80	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fis 2022 SerE&SubD-I	CO-MGR	Negotiated	Aa1 / AAA		
03/09/22	300.00	Regents of the University of Michigan	General Revenue Bonds	Series 2022B	LEAD	Negotiated	Aaa / NR		
03/09/22	1,700.00	Regents of the University of Michigan	General Revenue Bonds	Series 2022A	LEAD	Negotiated	Aaa / NR		
03/02/22	500.00	Michigan St Univ Board of Trust	General Revenue Bonds	Series 2022 A	CO-MGR	Negotiated	NR / NR		
03/02/22	13.47	New Jersey Educational Facs Au	Revenue & Refunding Bonds	Series 2022 B	CO-MGR	Negotiated	A2 / NR		
03/02/22	67.88	New Jersey Educational Facs Au	Revenue & Refunding Bonds	Series 2022 A	CO-MGR	Negotiated	A2 / NR		
02/24/22	298.81	Virginia Small Business Fin Auth	Senior Lien Rev & Ref Bonds	Series 2022	CO-MGR	Negotiated	Baa1 / NR	3.060	
02/15/22	25.22	Chicago City-Illinois	Special Assessment Imp Bonds	Series 2022	SOLE	Negotiated	NR / NR		
02/15/22	50.00	Indianapolis Loc Pub Imp Bond Bank	Revenue Bonds	Series 2022C	CO-MGR	Negotiated	NR / NR		
02/08/22	310.22	Ohio Turnpike & Infrastructure Comm	Turnpike Jr Lien Rev Ref Bonds	2022 Series A	CO-MGR	Negotiated	Aa3 / A+	3.110	
02/03/22	8.31	New York Liberty Dev Corp	Liberty Revenue Ref Bonds	Series 2022 B	CO-MGR	Negotiated	Aaa / NR		
02/03/22	449.19	New York Liberty Dev Corp	Liberty Revenue Ref Bonds	Series 2022 A	CO-MGR	Negotiated	Aaa / NR		
02/03/22	592.68	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Bonds	Series 2022A	CO-MGR	Negotiated	NR / AA+		
01/26/22	118.07	Charlotte-Mecklenburg Hosp Auth	Health Care Ref Rev Bonds	Series 2022A	CO-MGR	Negotiated	Aa3 / NR		
01/21/22	950.00	NYC Transitional Finance Auth	Future Tax Subordinate Bonds	Fiscal 2022 Ser C	CO-MGR	Negotiated	Aa1 / AAA		
01/20/22	165.35	Wisconsin Hlth & Ed Fac Auth (WHEFA)	Revenue Bonds	Series 2022	CO-MGR	Negotiated	Aa3 / NR		
01/19/22	750.00	New Jersey Trans Trust Fund Au	Transportation Program Bonds	2022 Series B	CO-MGR	Negotiated	Baa1 / BBB+		
01/14/22	67.50	Cuyahoga Co-Ohio	Sales Tax Revenue Bonds	Series 2022B	CO-MGR	Negotiated	Aa2 / NR		
01/14/22	122.59	Cuyahoga Co-Ohio	Sales Tax Revenue Bonds	Series 2022A	CO-MGR	Negotiated	Aa2 / NR		
01/14/22	13.80	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 76-T	CO-MGR	Negotiated	Aa1 / NR		
01/14/22	124.93	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 76-A	CO-MGR	Negotiated	Aa1 / NR		
01/13/22	375.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2022 Series A	CO-MGR	Negotiated	Aa2 / AA-		
01/12/22	21.80	Louisiana	Gasoline & Fuels Tx Rev Ref Bonds	2022 Series B	CO-MGR	Negotiated	Aa2 / NR	0.040	
01/12/22	621.00	Louisiana	Gasoline & Fuel Tx Rev Ref Bonds	2022 Series A	CO-MGR	Negotiated	Aa2 / NR	1.140	
01/11/22	201.90	Michigan Finance Authority	Hospital Revenue Bonds	Series MI 2022A	CO-MGR	Negotiated	Aa3 / AA-		
12/09/21	100.00	Massachusetts Housing Fin Agcy	Single Family Housing Notes	Series 2021	CO-MGR	Negotiated	NR / NR		
12/09/21	93.93	Metro Atlanta Rapid Transit Au (MARTA)	Sales Tax Ref Rev Bonds	Series 2021 E-1&2	CO-MGR	Negotiated	Aa2 / NR		
12/09/21	275.63	Metro Atlanta Rapid Transit Au (MARTA)	Sales Tax Revenue Ref Bonds	Series 2021D	CO-MGR	Negotiated	Aa2 / NR		
12/09/21	338.38	Oregon Health Science University (OHSU)	Revenue Bonds	Series 2021 A	LEAD	Negotiated	Aa3 / AA-		
12/09/21	394.16	Sales Tax Securitization Corp	Second Lien Sales Tax Sec Bonds	Series 2021 A	LEAD	Negotiated	NR / AA-		
12/09/21	609.87	Sales Tax Securitization Corp	Second Lien Sales Tax Sec Bonds	Series 2021 B	LEAD	Negotiated	NR / AA-		
12/02/21	700.00	Illinois State Toll Highway Auth	Toll Highway Senior Rev Bonds	2021 Series A	LEAD	Negotiated	Aa3 / AA-		
12/01/21	75.00	Delaware River & Bay Auth	Revenue Bonds	Series 2021	CO-MGR	Negotiated	A1 / NR		
12/01/21	75.92	Delaware River & Bay Auth	Revenue Refunding Bonds	Series 2022	CO-MGR	Negotiated	A1 / NR		
12/01/21	30.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Ref Bonds	2021 Series D	CO-MGR	Negotiated	Aa1 / AA		
12/01/21	221.77	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Ref Bonds	2021 Series C	CO-MGR	Negotiated	Aa1 / AA		
11/30/21	250.00	Ohio Water Development Authority	Wtr Poll Ctl Ln Fund Rev Bonds	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
11/23/21	70.86	Massachusetts Housing Fin Agcy	Single Family Hsg Rev Bonds	Series 223	CO-MGR	Negotiated	Aa1 / NR		
11/10/21	144.54	NYS Environmental Facs Corp	State Revolving Funds Rev Bonds	Series 2021 B	CO-MGR	Negotiated	Aaa / AAA		
11/10/21	253.15	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2021-137	CO-MGR	Negotiated	Aa1 / NR		
11/03/21	7.37	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2021 C	CO-MGR	Negotiated	Aa2 / AA+		
11/03/21	8.48	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2021 C	CO-MGR	Negotiated	Aa2 / AA+		
11/03/21	28.74	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2021 C	CO-MGR	Negotiated	Aa2 / AA+		

Broward County Board of
County Commissioners

GEN2126726Q1

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ^b (\$ per \$1,000 bond)	True Interest Cost ^a (%)
10/21/21	454.14	Hudson Yards Infrastructure Corp	Hudson Yards Revenue Bonds	Series A	CO-MGR	Negotiated	Aa2 / A+	5.930	
10/21/21	0.45	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series B-2	CO-MGR	Negotiated	Aa2 / NR		
10/21/21	8.81	Massachusetts Housing Fin Agcy	Housing Revenue Bonds	2021 Series C	CO-MGR	Negotiated	Aa2 / NR		
10/21/21	20.35	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series B-2	CO-MGR	Negotiated	Aa2 / NR		
10/21/21	41.15	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series B-2	CO-MGR	Negotiated	Aa2 / NR		
10/21/21	77.82	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series B-1	CO-MGR	Negotiated	Aa2 / NR		
10/19/21	232.90	Dallas City-Texas	Hotel Occupancy Tx Rev Ref Bonds	Series 2021	CO-MGR	Negotiated	NR / A+		
10/19/21	150.00	Ohio Water Development Authority	Water Development Rev Bonds	Series 2021	CO-MGR	Negotiated	Aaa / NR		
10/05/21	46.29	Hamilton Co-Ohio	Sales Tax Refunding Bonds	Series 2021 A	LEAD	Negotiated	Aa3 / NR		
09/30/21	1,839.96	Golden State Tobacco Sec Corp	Enhance Tobacco Settle Bonds	Series 2021 B	CO-MGR	Negotiated	Aa3 / AA-		
09/28/21	59.09	Riverside Co Infrastructure Fin Auth	Lease Revenue Refunding Bonds	Series 2021 A	LEAD	Negotiated	NR / NR		
09/28/21	440.71	Riverside Co Infrastructure Fin Auth	Lease Revenue Refunding Bonds	Series 2021 B	LEAD	Negotiated	NR / NR		
09/24/21	5.00	District of Columbia Hsg Fin Agcy	Multi-Family Dev Program Bonds	Series 2021 B-3	CO-MGR	Negotiated	Aa2 / NR		
09/24/21	25.15	District of Columbia Hsg Fin Agcy	Multi-Family Dev Program Bonds	Series 2021 B-1	CO-MGR	Negotiated	Aa2 / NR		
09/22/21	230.06	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax & Ref Bonds	Series 2021 C-1A&2-3	CO-MGR	Negotiated	NR / AA+	1.180	
09/22/21	536.82	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax & Ref Bonds	Series 2021 C-1A&2-3	CO-MGR	Negotiated	NR / AA+	2.760	
09/21/21	600.00	Ohio State University	General Receipts Bonds	Series 2021 A	CO-MGR	Negotiated	Aa1 / AA	3.790	
09/15/21	142.75	Illinois	Jr Oblig Sales Tax Revenue Bonds	Series C of 2021	LEAD	Negotiated	NR / NR	3.810	
09/15/21	220.00	Illinois	Jr Oblig Sales Tax Rev Bonds	Ser B of Sept 2021	LEAD	Negotiated	NR / BBB+	3.930	
09/15/21	194.39	Long Island Power Authority	Electric System Gen Revenue Bonds	Series 2021 C	LEAD	Negotiated	A2 / A		
09/15/21	355.76	Long Island Power Authority	Electric System Revenue Gen Bonds	Series 2021 A	LEAD	Negotiated	A2 / A		
09/09/21	13.68	Cleveland City-Ohio	Sub Ln Income Tax & Ref Bonds	Ser 2021 A-2,3&4	LEAD	Negotiated	A1 / NR		
09/09/21	68.08	Cleveland City-Ohio	Sub Ln Income Tax & Ref Bonds	Series 2021 A-1	LEAD	Negotiated	A1 / NR		
09/09/21	817.99	Hampton Roads Trans Acc Com (HRTAC)	Senior Lien BANs	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR	0.650	
09/09/21	89.90	Massachusetts Housing Fin Agcy	Single Family Hsg Revenue Bonds	Series 222	CO-MGR	Negotiated	Aa1 / NR	6.790	
08/27/21	25.00	Yonkers Industrial Dev Agency	School Facility Rev Bonds	Series 2021	CO-MGR	Negotiated	Aa3 / NR		
08/26/21	141.99	Denton City-Texas	Utility System Rev Ref Bonds	Series 2021	CO-MGR	Negotiated	NR / A	5.120	
08/25/21	252.60	North Carolina	Grant Anticip Rev Vehicle Bonds	Series 2021	CO-MGR	Negotiated	A2 / A+	2.570	
08/24/21	21.28	Massachusetts Dev Finance Agcy	Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	A2 / NR		
08/24/21	72.18	Massachusetts Dev Finance Agcy	Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	A2 / NR		
08/24/21	529.00	Pennsylvania Turnpike Commission	Oil Franchise Tax Sr&Sub Rev Bond	Series A & B of 2021	CO-MGR	Negotiated	Aa3 / AA	3.970	
08/19/21	11.39	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 B	CO-MGR	Negotiated	NR / A-	0.040	
08/19/21	25.37	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	0.080	
08/19/21	26.64	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	0.090	
08/19/21	27.97	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	0.090	
08/19/21	29.37	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	0.100	
08/19/21	30.84	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	0.100	
08/19/21	1,085.34	New York Liberty Dev Corp	Liberty Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	NR / A-	3.540	
08/12/21	29.74	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Sr Ln Bonds	Subseries 2021 B-1	CO-MGR	Negotiated	NR / AA+	0.360	
08/12/21	42.74	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Sr Ln Bonds	Subseries 2021 B-1	CO-MGR	Negotiated	NR / AA+	0.520	
08/12/21	69.39	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Sr Ln Bonds	Subseries 2021 B-1	CO-MGR	Negotiated	NR / AA+	0.840	
08/12/21	99.72	Triborough Bridge & Tunnel Auth	Payroll Mobility Tax Sr Ln Bonds	Subseries 2021 B-1	CO-MGR	Negotiated	NR / AA+	1.200	
08/05/21	932.05	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Fiscal 2022 Ser A-1	CO-MGR	Negotiated	Aa1 / AAA	3.760	
08/03/21	213.73	Illinois Finance Authority	Revenue Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR	3.520	
07/26/21	20.00	New Hampshire National Fin Auth	Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / NR		
07/26/21	35.89	New Hampshire National Fin Auth	Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR		
07/21/21	170.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2021 Series B	CO-MGR	Negotiated	Aa1 / AA	6.700	
07/15/21	582.82	NYC Transitional Finance Auth	Building Aid Revenue Bonds	Ser S-1 Subser S-1A	LEAD	Negotiated	Aa3 / AA		
07/14/21	300.00	Univ of Virginia Rector & Visitors	General Rev Pledge & Ref Bonds	Series 2021 B	CO-MGR	Negotiated	Aaa / AAA	3.280	
07/13/21	11.40	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / AA+		
07/08/21	124.24	California State Univ Trustees	Systemwide Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / NR	0.180	
07/08/21	1,664.09	California State Univ Trustees	Systemwide Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Aa2 / NR	2.420	
07/01/21	45.87	NYS Housing Fin-Mortgage Agcy	Homeowner Mortgage Rev Bonds	Series 237	CO-MGR	Negotiated	Aa1 / NR		
07/01/21	67.09	NYS Housing Fin-Mortgage Agcy	Homeowner Mortgage Rev Bonds	Series 235	CO-MGR	Negotiated	Aa1 / NR		
07/01/21	149.77	NYS Housing Fin-Mortgage Agcy	Homeowner Mortgage Rev Bonds	Series 233	CO-MGR	Negotiated	Aa1 / NR	8.930	
06/30/21	163.61	Chester Co Industrial Dev Auth	Revenue Bonds	Series 2021	CO-MGR	Negotiated	Aa2 / NR		
06/30/21	221.62	Harris Co Cult Ed Facs Fin Corp	Hospital Revenue Bonds	Series 2021 A & B	CO-MGR	Negotiated	Aa2 / AA		
06/23/21	5.12	Memphis-Shelby IDB Eco Dev Grow Engine	Economic Dev Revenue Bonds	Series 2021 B	LEAD	Negotiated	Aa3 / NR		
06/23/21	19.14	Memphis-Shelby IDB Eco Dev Grow Engine	Economic Dev Revenue Bonds	Series 2021 A	LEAD	Negotiated	Aa3 / NR		
06/23/21	59.76	San Antonio Municipal Facs Corp	Lease Revenue Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / AA		
06/16/21	32.17	NYS Dorm Authority	State Personal Income Tax Bonds	Series 2021 D	CO-MGR	Negotiated	NR / AA+		
06/16/21	1,825.62	NYS Dorm Authority	State Personal Income Tax Bonds	Series 2021 C	CO-MGR	Negotiated	NR / AA+		
06/16/21	284.75	NYS Environmental Facs Corp	Sl Clean & Drinking Wtr Fund Bond	Ser 2021 A Sub SRF	CO-MGR	Negotiated	Aaa / AAA		
06/10/21	438.42	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2021 Series B	CO-MGR	Negotiated	Aa2 / AA-		
06/09/21	13.61	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / AA+		
06/09/21	42.60	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series A-2	CO-MGR	Negotiated	Aa2 / NR		
06/09/21	50.66	Massachusetts Housing Fin Agcy	Housing Bonds	2021 Series A-1	CO-MGR	Negotiated	Aa2 / NR		
06/08/21	14.28	Texas Public Finance Auth (TPFA)	Revenue Fin Sys Ref Bonds	Series 2021	CO-MGR	Negotiated	NR / BBB		
06/08/21	35.23	Univ of North Carolina Bd of Gov	General Revenue Bonds	Series 2021 C	CO-MGR	Negotiated	Aaa / AAA		
06/08/21	103.53	Univ of North Carolina Bd of Gov	General Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Aaa / AAA		
05/26/21	89.41	Univ of Nebraska Facs Corp	University Facilities Prog Bonds	Series 2021 B	CO-MGR	Negotiated	Aa1 / NR		
05/26/21	266.47	Univ of Nebraska Facs Corp	University Facilities Prog Bonds	Series 2021 A	CO-MGR	Negotiated	Aa1 / NR		
05/25/21	28.08	Port Arthur City-Texas	Comb Tax & Certs of Oblig Bonds	Series 2021	SOLE	Negotiated	NR / NR		
05/25/21	784.43	Washington Metro Area Transit Au	Dedicated Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	NR / AA		

**Broward County Board of
County Commissioners**

GEN2126726Q1

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ² (\$ per \$1,000 bond)	True Interest Cost ³ (%)
05/21/21	300.00	Charlotte-Mecklenburg Hosp Auth	Health Care Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa3 / NR		
05/21/21	14.98	Fayetteville State University	Refunding Limited Oblig Bonds	Series 2021	SOLE	Negotiated	NR / A-		
05/20/21	38.90	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2021-135B	CO-MGR	Negotiated	Aa1 / NR		
05/20/21	136.68	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2021-135A	CO-MGR	Negotiated	Aa1 / NR		
05/19/21	82.34	University of Cincinnati	General Receipts & Ref Bonds	Series 2021 A & B	CO-MGR	Negotiated	Aa3 / NR		
05/14/21	109.14	Erie Co Industrial Dev Agency	School Facility Ref Rev Bonds	Series 2021 A & B	CO-MGR	Negotiated	Aa3 / NR		
05/13/21	335.23	NYS Dorm Authority	Sch Dt Rev Bond Fin Prog Bonds	Series 2021 A-C	CO-MGR	Negotiated	A1 / AA-		
05/12/21	20.86	Indianapolis Loc Pub Imp Bond Bank	Local Income Tax Rev Bonds	Series 2021	CO-MGR	Negotiated	NR / NR		
05/12/21	8.42	Virginia Resources Auth (VRA)	Infra Rev&State Moral Oblig Bond	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
05/12/21	26.12	Virginia Resources Auth (VRA)	Infrastructure Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
05/12/21	40.84	Virginia Resources Auth (VRA)	Infra & State Moral Oblig Rev Bond	Series 2021 A	CO-MGR	Negotiated	Aaa / NR		
05/07/21	71.23	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / NR		
05/05/21	402.11	North Texas Tollway Auth (NTTA)	System Revenue & Refunding Bonds	Series 2021 A	CO-MGR	Negotiated	A1 / NR		
05/05/21	77.94	Ohio	Capital Facs Lease-Appro Bonds	Series 2021 A	LEAD	Negotiated	Aa2 / AA		
05/05/21	150.00	Ohio	Capital Facs Lease-Appro Bonds	Series 2021 A	LEAD	Negotiated	Aa2 / AA		
05/05/21	75.50	Wisconsin Hsg & Econ Dev Auth	Housing Revenue Bonds	2021 Series A	CO-MGR	Negotiated	Aa3 / NR		
04/28/21	304.50	New Jersey Trans Trust Fund Au	Transportation System Bonds	2022 Series A	CO-MGR	Negotiated	Baa1 / BBB+		
04/28/21	580.42	New Jersey Trans Trust Fund Au	Transportation System Bonds	2021 Series A	CO-MGR	Negotiated	Baa1 / BBB+		
04/28/21	589.25	New Jersey Trans Trust Fund Au	Transportation Program Bonds	2022 Series AA	CO-MGR	Negotiated	Baa1 / BBB+		
04/20/21	190.06	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Lien Bonds	Subseries 2021 A-1	CO-MGR	Negotiated	NR / AA+	0.660	
04/20/21	443.48	Triborough Bridge & Tunnel Auth	Payroll Mobility Tx Sr Lien Bonds	Subseries 2021 A-1	CO-MGR	Negotiated	NR / AA+	1.540	
04/14/21	350.87	California St Public Works Board	Lease Revenue Bonds	2021 Series B	LEAD	Negotiated	Aa3 / AA-		
04/13/21	827.58	Pennsylvania Econ Dev Fin Auth	Revenue Bonds	Series of 2021	CO-MGR	Negotiated	Aa3 / A+		
04/13/21	1.50	Radford City Economic Dev Auth	Revenue Bonds	Ser 2021A-1	SOLE	Negotiated	NR / NR	0.490	
04/13/21	23.00	Radford City Economic Dev Auth	Revenue Bonds	Series 2021 A-2 & B	SOLE	Negotiated	NR / NR	7.510	
03/25/21	135.06	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opp Bonds	Series 74	CO-MGR	Negotiated	Aa1 / NR		
03/24/21	1,001.07	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Ser F G Sub F-1 G-1	CO-MGR	Negotiated	Aa1 / AAA		
03/24/21	79.81	Pennsylvania Hghr Ed Facs Auth	Health System Ref Rev Bonds	Series A of 2021	CO-MGR	Negotiated	Aa3 / NR		
03/24/21	109.74	Pennsylvania Hghr Ed Facs Auth	Health System Ref Rev Bonds	Series B of 2021	CO-MGR	Negotiated	Aa3 / NR		
03/23/21	255.08	Ctl Texas Reg Mobility Au (CTRMA)	Senior Lien Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Baa1 / NR		
03/19/21	291.64	NYS Dorm Authority	St Personal Income Tax Rev Bonds	Series 2021 B	CO-MGR	Negotiated	NR / AA+		
03/19/21	1,871.42	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2021 A	CO-MGR	Negotiated	NR / AA+		
03/18/21	269.46	New York Transportation Development Corporation	Exempt Fac Revenue Bonds	Series 2021	CO-MGR	Negotiated	NR / BBB-		
03/15/21	0.52	Columbus-Franklin Co Fin Auth	Lease Revenue Bonds	Series 2021 C	SOLE	Negotiated	NR / NR		
03/15/21	18.38	Columbus-Franklin Co Fin Auth	Lease Revenue Bonds	Series 2021 A & B	SOLE	Negotiated	NR / NR		
03/11/21	226.38	Texas A&M University System	System Revenue Fin Sys Bonds	Series 2021 B	LEAD	Negotiated	Aaa / AAA		
03/09/21	0.27	Columbus-Franklin Co Fin Auth	Lease Revenue Bonds	Series 2021 C	SOLE	Negotiated	NR / NR		
03/09/21	9.34	Columbus-Franklin Co Fin Auth	Lease Revenue Bonds	Series 2021 A & B	SOLE	Negotiated	NR / NR		
03/03/21	219.24	Illinois Finance Authority	Revenue Bonds	Series 2021 A	CO-MGR	Negotiated	Aa2 / AA+	2.780	
03/03/21	325.70	Texas Public Finance Auth (TPFA)	Lease Revenue Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / NR		
03/02/21	411.71	Regents of the University of California	Limited Project Revenue Bonds	2022 Series S	CO-MGR	Negotiated	Aa3 / AA-		
02/25/21	20.56	Massachusetts Dev Finance Agcy	Revenue Refunding Bonds	Series T (2021)	CO-MGR	Negotiated	Aa1 / NR		
02/25/21	392.95	Regents of the University of California	Revenue Bonds	2021 Series R	CO-MGR	Negotiated	Aa3 / AA-		
02/25/21	739.05	Regents of the University of California	Revenue Bonds	2021 Series Q	CO-MGR	Negotiated	Aa3 / AA-		
02/24/21	9.19	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2021 Series A -2	CO-MGR	Negotiated	Aa2 / NR		
02/24/21	94.94	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2021 Series A -1	CO-MGR	Negotiated	Aa2 / NR		
02/24/21	212.00	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2021 Series B	CO-MGR	Negotiated	Aa2 / NR		
02/23/21	290.23	Regents of the University of California	General Revenue Bonds	2021 Series BH	CO-MGR	Negotiated	Aa2 / AA		
02/23/21	1,089.33	Regents of the University of California	General Revenue Bonds	2021 Series BI & BJ	CO-MGR	Negotiated	Aa2 / AA		
02/19/21	35.80	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2021-134 B	CO-MGR	Negotiated	Aa2 / NR		
02/19/21	122.13	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2021-134 A	CO-MGR	Negotiated	Aa2 / NR		
02/10/21	3.00	Oklahoma Dev Finance Auth	Senior Revenue Bonds	Series 2021 B	LEAD	Negotiated	NR / NR		
02/10/21	69.17	Oklahoma Dev Finance Auth	Senior Revenue Bonds	Series 2021 A-1-2&C	LEAD	Negotiated	NR / NR		
02/04/21	900.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	2021 Ser E Sub E-1	CO-MGR	Negotiated	Aa1 / AAA	4.560	
02/03/21	63.78	Uptown Development Authority	Contract Revenue Bonds	Series 2021 B	CO-MGR	Negotiated	Baa2 / NR	5.260	
02/03/21	302.41	Wake Co-North Carolina	Limited Obligation Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / AA+		
02/03/21	37.61	Washington Health Care Facs Au	Revenue Bonds	Series 2021	SOLE	Negotiated	NR / NR		
02/02/21	95.00	Illinois Housing Dev Authority	Revenue Bonds	2021 Series	CO-MGR	Negotiated	Aaa / NR		
02/02/21	197.73	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2021 Series A	CO-MGR	Negotiated	Aa1 / AA		
01/27/21	147.51	Nashville-Davidson Co Metro Govt	Electric System Revenue Bonds	2021 Series A	CO-MGR	Negotiated	NR / AA+		
01/26/21	135.01	Ohio Turnpike & Infrastructure Comm	Turnpike Revenue Bonds	2021 Series A	CO-MGR	Negotiated	Aa2 / AA		
01/21/21	400.00	Port Authority of New York & New Jersey	Consolidated Bonds	225th Series	CO-MGR	Negotiated	Aa3 / A+		
01/21/21	420.02	Port Authority of New York & New Jersey	Consolidated Bonds	224th Series	CO-MGR	Negotiated	Aa3 / A+		
01/21/21	26.44	Syracuse Industrial Dev Agency	School Facility Rev Ref Bonds	Series 2021	CO-MGR	Negotiated	Aa3 / NR		
01/15/21	35.78	Greensboro City-North Carolina	Limited Obligation Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / NR		
01/14/21	250.00	Long Island Power Authority	Electric System Gen Rev Notes	Series 2021	CO-MGR	Negotiated	A2 / A		
01/14/21	465.73	Pennsylvania Turnpike Commission	Turnpike Subordinate Rev Bonds	Series A of 2021	LEAD	Negotiated	A3 / A-	4.140	
01/07/21	350.00	New Jersey Econ Dev Auth	Sch Facilities Construction Bonds	2021 Series QQQ	LEAD	Negotiated	Baa1 / BBB+		
12/29/20	2.90	District of Columbia	Refunding Revenue Bonds	Sr Series 2020 A-1	SOLE	Negotiated	NR / NR		
12/29/20	61.23	District of Columbia	Refunding Revenue Bonds	Sr Series 2020 A-2	SOLE	Negotiated	NR / NR		
12/16/20	310.20	NYC Health & Hosp Corp	Health System Bonds	2020 Series A	CO-MGR	Negotiated	Aa3 / A+		
12/15/20	424.93	Harris Co-Texas	Toll Rd 1st Ln Rev & Ref Bonds	Series 2021	CO-MGR	Negotiated	Aa2 / AA		
12/11/20	315.35	NYC Housing Dev Corp	Multi-Family Housing Rev Bonds	2020 Series I-1	CO-MGR	Negotiated	Aa2 / NR		
12/11/20	28.94	Via Metropolitan Transit Authority	Farebox Revenue Ref Bonds	Series 2020	CO-MGR	Negotiated	NR / NR		
12/09/20	2.80	Massachusetts Housing Fin Agcy	Single Family Mortgage Rev Bonds	Series 219	CO-MGR	Negotiated	Aa1 / NR		
12/09/20	102.37	Massachusetts Housing Fin Agcy	Single Family Mortgage Rev Bonds	Series 220	CO-MGR	Negotiated	Aa1 / NR		
12/04/20	2.98	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series D-2	CO-MGR	Negotiated	Aa2 / NR		
12/04/20	50.56	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series E	CO-MGR	Negotiated	Aa2 / NR		
12/04/20	63.21	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series D-1	CO-MGR	Negotiated	Aa2 / NR		

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
12/03/20	324.34	California Instrsr & Eco Dev Bank	Infra State Revolv Fund Rev Bonds	Series 2020 A	CO-MGR	Negotiated	NR / AAA		
11/20/20	73.99	North Carolina Turnpike Authority	State Appropriation Rev Ref Bonds	Series 2021	CO-MGR	Negotiated	Aa1 / AA+		
11/19/20	38.97	Athens Housing Authority	Revenue Bonds	Series 2020	CO-MGR	Negotiated	Aa2 / NR		
11/18/20	123.11	NYS Environmental Facs Corp	State Revolving Funds Rev Bonds	Series 2020 B	CO-MGR	Negotiated	Aaa / AAA		
11/12/20	300.00	California Earthquake Auth	Revenue Bonds	Series 2020 B	CO-MGR	Negotiated	NR / A		
10/30/20	41.99	Metropolitan Transportation Authority	Transportation Rev Ref Green Bonds	Series 2020 E	CO-MGR	Negotiated	A3 / A-		
10/30/20	377.92	Metropolitan Transportation Authority	Transportation Rev Ref Green Bonds	Series 2020 E	CO-MGR	Negotiated	A3 / A-		
10/29/20	140.55	Dallas Area Rapid Transit Auth	Sr Ln Sales Tax Rev Ref Bonds	Series 2020 D	LEAD	Negotiated	Aa2 / NR		
10/29/20	140.55	Dallas Area Rapid Transit Auth	Sr Ln Sales Tax Rev Ref Bonds	Series 2020 D	LEAD	Negotiated	Aa2 / NR		
10/29/20	700.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Ser D Subser D1	CO-MGR	Negotiated	Aa1 / AAA		
10/29/20	700.00	North Carolina	Limited Obligation Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / AA+		
10/27/20	110.88	Cil Texas Reg Mobility Au (CTRMA)	Sub Lien Revenue BANs	Series 2020 F	CO-MGR	Negotiated	Baa2 / NR		
10/27/20	228.73	Cil Texas Reg Mobility Au (CTRMA)	Sr & Sub Ln Revenue & Ref Bonds	Series 2020 E & G	CO-MGR	Negotiated	Baa1 / NR		
10/22/20	363.23	Los Angeles Co Pub Works Fin Au	Lease Revenue Bonds	2020 Series 2020 A	CO-MGR	Negotiated	NR / AA		
10/20/20	418.26	San Antonio City-Texas	Electric & Gas Sys Rev Ref Bonds	New Series 2020	CO-MGR	Negotiated	Aa1 / AA+		
10/14/20	148.93	Franklin Co-Ohio	Hospital Facs Rev Imp Bonds	Series 2020	CO-MGR	Negotiated	Aa2 / AA		
10/14/20	244.63	Michigan Finance Authority	Ln Distributable State Aid Bonds	Series 2020	CO-MGR	Negotiated	Aa3 / NR		
10/09/20	178.07	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	Series J & K	CO-MGR	Negotiated	Aa2 / NR		
10/06/20	614.62	Hampton Roads Trans Acc Com (HRTAC)	Roads Transportation Fund Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR		
10/06/20	250.00	Ohio Water Development Authority	Wtr Poll Ctrl Ln Fund Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aaa / NR		
10/01/20	125.40	Indiana Finance Authority	Refunding Bonds	Series 2020 E	CO-MGR	Negotiated	Aa1 / AA+		
09/23/20	123.54	Memphis City-Tennessee	Sanitary Swrg Sys Rev & Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR		
09/23/20	161.57	NYS Housing Fin-Mortgage Agcy	Affordable Hsg Ref Rev Bonds	2020 Series H	CO-MGR	Negotiated	Aa2 / NR		
09/22/20	241.63	Pennsylvania Turnpike Commission	Turnpike Revenue Bonds	Series B of 2020	CO-MGR	Negotiated	A1 / A+		
09/16/20	199.69	NYC Transitional Finance Auth	Future Tax Secure Sub Bonds	Series 1 & 2	CO-MGR	Negotiated	Aa1 / AAA		
09/16/20	900.00	NYC Transitional Finance Auth	Future Tax Secure Sub Bonds	Ser C Subser C-1	CO-MGR	Negotiated	Aa1 / AAA		
09/16/20	15.57	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opp Bonds	Series 73-T	CO-MGR	Negotiated	Aa1 / NR		
09/16/20	126.54	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opp Bonds	Series 73-A	CO-MGR	Negotiated	Aa1 / NR		
09/10/20	212.17	Michigan State Building Auth	Revenue & Refunding Bonds	2020 Series I	CO-MGR	Negotiated	Aa2 / AA-		
09/10/20	556.86	Michigan State Building Auth	Revenue Refunding Bonds	2020 Series II	CO-MGR	Negotiated	Aa2 / AA-		
09/03/20	2.82	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 217	CO-MGR	Negotiated	Aa1 / NR		
09/03/20	28.02	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series C-2	CO-MGR	Negotiated	Aa2 / NR		
09/03/20	29.62	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series C-1	CO-MGR	Negotiated	Aa2 / NR		
09/03/20	64.36	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 218	CO-MGR	Negotiated	Aa1 / NR		
08/27/20	534.01	Chicago Transit Authority	Sales Tax Receipts Ref Bonds	Series 2020 B	CO-MGR	Negotiated	NR / NR		
08/27/20	20.19	Louisiana Regional Transit Auth	Sales Tax Revenue Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa3 / NR		
08/27/20	62.82	Louisiana Regional Transit Auth	Sales Tax Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	Aa3 / NR		
08/27/20	800.00	Michigan	State Trunk Line Fund Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR		
08/27/20	300.00	Westchester Co Local Dev Corp	Revenue Bonds	Series 2020	CO-MGR	Negotiated	Baa2 / NR		
08/26/20	314.03	California State Univ Trustees	Systemwide Revenue Bonds	Series 2020 C	CO-MGR	Negotiated	Aa2 / NR		
08/26/20	994.59	California State Univ Trustees	Systemwide Revenue Bonds	Series 2020 D&E	CO-MGR	Negotiated	Aa2 / NR		
08/26/20	140.77	Cuyahoga Co-Ohio	Economic Dev Rev Ref Bonds	Series 2020 D	CO-MGR	Negotiated	Aa3 / NR		
08/21/20	539.58	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Ser A & B Subser B-1	CO-MGR	Negotiated	Aa1 / AAA	1.580	
08/21/20	809.37	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Series A&B Subser B-1	CO-MGR	Negotiated	Aa1 / AAA	2.360	
08/19/20	74.37	East Baton Rouge Par-Louisiana	Road & St Imp Sales Tx Ref Bonds	Series 2020	LEAD	Negotiated	A2 / AA		
08/19/20	19.34	Louisiana Gov Env Fac & CDA (LCDA)	Sub Lien Revenue Ref Bonds	Series 2020	LEAD	Negotiated	Aa3 / AA		
08/14/20	125.22	NYC Trust for Cultural Resources	Refunding Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	NR / NR		
08/13/20	102.27	Los Angeles Municipal Imp Corp	Lease Revenue Refunding Bonds	Series 2020 C	CO-MGR	Negotiated	NR / NR	2.540	
08/13/20	165.58	Los Angeles Municipal Imp Corp	Lease Revenue & Ref Bonds	Series 2020 A & B	CO-MGR	Negotiated	NR / NR	2.660	
08/11/20	255.12	Los Angeles Co Metro Trans Auth	Sales Tax Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	NR / AA		
08/11/20	1,100.98	Los Angeles Co Metro Trans Auth	Sales Tax Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	NR / AA		
08/11/20	160.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2020 Series D	CO-MGR	Negotiated	Aa1 / AA		
08/05/20	22.36	Long Island Power Authority	Electric System Gen Rev Bonds	Series 2020 C	LEAD	Negotiated	NR / NR		
08/05/20	91.62	Long Island Power Authority	Electric System Gen Rev Bonds	Series 2020 C	LEAD	Negotiated	NR / NR		
08/05/20	237.98	Long Island Power Authority	Electric System General Rev Bonds	Series 2020 A	LEAD	Negotiated	A2 / A		
07/23/20	51.11	Columbus Metropolitan Library	Library Facilities Ref Notes	Series 2020	CO-MGR	Negotiated	Aa2 / NR		
07/21/20	22.50	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2020 Series F	CO-MGR	Negotiated	Aa2 / NR		
07/21/20	39.49	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2020 Series E	CO-MGR	Negotiated	Aa2 / NR		
07/21/20	46.32	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2020 Series E	CO-MGR	Negotiated	Aa2 / NR		
07/21/20	78.30	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2020 Series E	CO-MGR	Negotiated	Aa2 / NR		
07/17/20	72.08	NYC Urban Development Corp	State Personal Inc Tax Rev Bonds	Series 2020 D	LEAD	Negotiated	Aa1 / AA+	3.200	
07/17/20	2,225.38	NYC Urban Development Corp	State Personal Inc Tax Rev Bonds	Series 2020 C	LEAD	Negotiated	Aa1 / AA+	4.410	
07/16/20	114.99	Wayne St Univ Bd of Governors	General Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa3 / NR		
07/15/20	600.00	Maryland Hlth & Hghr Ed Facs Au	Revenue Bonds	Series 2020 D	CO-MGR	Negotiated	A2 / NR	4.000	
07/15/20	328.45	NYS Dorm Authority	Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa3 / A+		
07/15/20	97.23	Southeast Pennsylvania Trans Auth	Capital Grant Receipts Rev Bonds	Series 2020	CO-MGR	Negotiated	A3 / NR		
07/09/20	234.92	District of Columbia	Income Tax Secured Rev Ref Bonds	Series 2020 D	CO-MGR	Negotiated	Aa1 / AA+		
07/09/20	392.87	District of Columbia	Income Tax Secured Rev Ref Bonds	Series 2020 C	CO-MGR	Negotiated	Aa1 / AA+		
07/09/20	323.34	Regents of the University of California	General Revenue Bonds	2020 Series BF	CO-MGR	Negotiated	Aa2 / AA		
07/09/20	400.00	Regents of the University of California	General Revenue Bonds	2020 Series BG	CO-MGR	Negotiated	Aa2 / AA		
07/09/20	500.00	Regents of the University of California	General Revenue Bonds	2020 Series BG	CO-MGR	Negotiated	Aa2 / AA		
07/09/20	600.00	Regents of the University of California	General Revenue Bonds	2020 Series BG	CO-MGR	Negotiated	Aa2 / AA		
07/09/20	826.20	Regents of the University of California	General Revenue Bonds	2020 Series BE	CO-MGR	Negotiated	Aa2 / AA		
07/01/20	140.89	Univ of Colorado Bd of Regents	Univ Enterprise Ref Rev Bonds	Series 2020 B-2	LEAD	Negotiated	Aa1 / AA+		
06/30/20	27.90	San Antonio City-Texas	General Improvement Ref Bonds	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
06/30/20	443.70	San Antonio City-Texas	General Improvement Ref Bonds	Series 2020	CO-MGR	Negotiated	Aaa / AA+		
06/25/20	188.98	District of Columbia	Revenue Refunding Bonds	Series 2020	CO-MGR	Negotiated	A2 / NR		
06/18/20	492.01	NYS Urban Development Corp	State Personal Inc Tax Rev Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / AA+		
06/18/20	1,288.21	NYS Urban Development Corp	State Personal Inc Tax Rev Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / AA+		
06/17/20	11.55	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series A-2	CO-MGR	Negotiated	Aa2 / NR		
06/17/20	21.36	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series B	CO-MGR	Negotiated	Aa2 / NR		
06/17/20	27.00	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series A-3	CO-MGR	Negotiated	Aa2 / NR		
06/17/20	94.71	Massachusetts Housing Fin Agcy	Housing Bonds	2020 Series A-1	CO-MGR	Negotiated	Aa2 / NR		
06/17/20	176.69	Temple Univ of Higher Education	Revenue Bonds	1st Series of 2020	CO-MGR	Negotiated	Aa3 / NR		
06/10/20	186.00	Ohio State University	General Receipts Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / AA		
06/04/20	116.29	Greensboro City-North Carolina	Combined System Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / AAA		
06/04/20	33.94	Raleigh City-North Carolina	Limited Obligation Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / AA+		

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
06/04/20	59.62	Raleigh City-North Carolina	Limited Obligation Bonds	Series 2020 A	CO-MGR	Negotiated	Aa1 / AA+		
06/03/20	58.38	Rhode Island Hsg & Mig Fin Corp	Homeownership Opportunity Bonds	Series 72-A	CO-MGR	Negotiated	Aa1 / NR		
06/03/20	545.00	Washington Metro Area Transit Au	Dedicated Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	NR / AA	4.920	
06/02/20	81.45	Wisconsin Center Dt	Sr & Jr Dedicated Tax Rev Bonds	Series 2020 A & B	CO-MGR	Negotiated	A3 / NR	15.850	
05/20/20	44.69	Monroe Co Industrial Dev Agency	School Facility Revenue Bonds	Series 2020	CO-MGR	Negotiated	Aa2 / NR		
05/20/20	17.44	Virginia Resources Auth (VRA)	Infra & State Moral Oblig Bonds	Series 2020 A & A	LEAD	Negotiated	Aaa / NR	3.580	
05/20/20	37.88	Virginia Resources Auth (VRA)	Infrastructure Revenue Bonds	Series A	LEAD	Negotiated	Aaa / NR	3.580	
05/19/20	23.15	Salem Co Poll Control Fin Auth	Pollution Control Ref Rev Bonds	Series 2020	CO-MGR	Negotiated	A2 / NR		
05/15/20	457.16	NYS Dorm Authority	Revenue Bonds	Series 2020 A,B,C,D	CO-MGR	Negotiated	Aa3 / AA-	6.380	
05/14/20	340.00	NYC Transitional Finance Auth	Future Tax Secured Subor Bonds	Subseries C-1	LEAD	Negotiated	Aa1 / AAA		
05/14/20	510.00	NYC Transitional Finance Auth	Future Tax Secured Subor Bonds	Subseries C-1	LEAD	Negotiated	Aa1 / AAA		
05/13/20	42.15	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 215	CO-MGR	Negotiated	Aa1 / NR		
05/07/20	60.00	Metropolitan Transportation Authority	Transportation Rev Green Bonds	Ser 20 C Sub 20 C-2	CO-MGR	Negotiated	A2 / A+	0.490	
05/07/20	112.50	Metropolitan Transportation Authority	Transportation Rev Green Bonds	Ser 20 C Sub 20 C-1	CO-MGR	Negotiated	A2 / A+	0.450	
05/07/20	540.00	Metropolitan Transportation Authority	Transportation Rev Green Bonds	Ser 20 C Sub 20 C-2	CO-MGR	Negotiated	A2 / A+	4.380	
05/07/20	1,012.50	Metropolitan Transportation Authority	Transportation Rev Green Bonds	Ser 20 C Sub 20 C-1	CO-MGR	Negotiated	A2 / A+	4.070	
04/17/20	113.28	California St Public Works Board	Lease Revenue & Ref Bonds	2020 Series B& C	CO-MGR	Negotiated	Aa3 / AA-		
04/17/20	100.00	Wisconsin Hsg & Econ Dev Auth	Home Ownership Revenue Bonds	2020 Series A	CO-MGR	Negotiated	Aa2 / NR		
04/08/20	318.04	New York Transportation Development Corporation	Lease Revenue Refunding Bonds	Series 2020	CO-MGR	Negotiated	NR / NR	5.100	
04/07/20	103.49	Michigan	State Trunk Line Fund Ref Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR	2.850	
03/11/20	164.56	Illinois Finance Authority	Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / AA+	2.640	
03/05/20	16.03	Dallas Area Rapid Transit Auth	Sr Lien Sales Tax Rev Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR		
03/05/20	16.03	Dallas Area Rapid Transit Auth	Sr Lien Sales Tax Rev Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR		
03/05/20	65.24	Dallas Area Rapid Transit Auth	Sr Ln Sales Tax Rev Imp&Ref Bonds	Series 2020 A	CO-MGR	Negotiated	NR / NR		
03/05/20	65.24	Dallas Area Rapid Transit Auth	Sr Ln Sales Tax Rev Imp&Ref Bonds	Series 2020 A	CO-MGR	Negotiated	NR / NR		
03/05/20	347.58	Univ of Texas Sys Bd of Regents	Revenue Financing System Bonds	Series 2020 A	CO-MGR	Negotiated	Aaa / AAA		
02/25/20	428.40	Buckeye Tobacco Settle Fin Au	Tobacco Settle Asset-Backed Bonds	Series 2020 A1 & B1	CO-MGR	Negotiated	NR / NR	0.400	
02/25/20	4,519.51	Buckeye Tobacco Settle Fin Au	Tobacco Settle Asset-Backed Bonds	Series 2020 A2 & B2	CO-MGR	Negotiated	NR / NR	4.220	
02/25/20	80.53	Syracuse Industrial Dev Agency	School Facility Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR		
02/20/20	1,032.55	District of Columbia	Income Tax Secured Rev & Ref Bond	Series 2020 A & B	CO-MGR	Negotiated	Aa1 / AA+	4.110	
02/11/20	220.42	Grand Parkway Transport Corp	1st Tier Toll Revenue Ref Bonds	Series 2020 A	CO-MGR	Negotiated	A2 / A+	4.970	
02/11/20	793.39	Grand Parkway Transport Corp	1st Tier Toll Revenue Ref Bonds	Series 2020 C	CO-MGR	Negotiated	A2 / A+	5.010	
02/11/20	1,293.26	Grand Parkway Transport Corp	Sub Tier Toll Revenue Ref Bonds	Series 2020 B	CO-MGR	Negotiated	Aa1 / AA	4.930	
02/05/20	243.41	California State Univ Trustees	Systemwide Revenue Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR	0.820	
02/05/20	586.02	California State Univ Trustees	Systemwide Revenue Bonds	Series 2020 B	CO-MGR	Negotiated	Aa2 / NR	1.970	
02/05/20	152.07	Harris Co Metro Trans Auth	Sales & Use Tax Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	NR / NR	4.060	
02/05/20	152.07	Harris Co Metro Trans Auth	Sales & Use Tax Refunding Bonds	Series 2020 A	CO-MGR	Negotiated	NR / NR	4.060	
02/04/20	9.25	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2020 Series B	CO-MGR	Negotiated	Aa1 / AA	0.450	
02/04/20	130.75	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2020 Series A	CO-MGR	Negotiated	Aa1 / AA	6.340	
01/29/20	458.32	Ohio Turnpike & Infrastructure Comm	Jr Lien & Turnpike Rev Ref Bonds	2020 Series A	CO-MGR	Negotiated	Aa2 / AA	2.760	
01/23/20	371.03	JobsOhio Beverage System	Revenue Refunding Bonds	Series 2020 A	LEAD	Negotiated	Aa3 / NR	3.390	
01/17/20	495.81	Sales Tax Securitization Corp	2nd Ln Sales Tax Securitization	Series 2020 B	CO-MGR	Negotiated	NR / AA-	8.110	
01/17/20	521.11	Sales Tax Securitization Corp	2nd Ln Sales Tax Securitization	Series 2020 A	CO-MGR	Negotiated	NR / AA-	6.220	
01/16/20	60.97	Southwestern Illinois Dev Auth	Local Government Prog Rev Bonds	Series 2020	CO-MGR	Negotiated	Aa3 / NR	3.470	
01/15/20	22.53	Kent State University	General Receipts Bonds	Series 2020 A	CO-MGR	Negotiated	Aa3 / NR	24.870	
01/15/20	172.83	Kent State University	General Receipts Bonds	Series 2020 B	CO-MGR	Negotiated	Aa3 / NR	0.480	
01/09/20	510.28	Arizona Transportation Board	Highway Revenue Refunding Bonds	Series 2020	CO-MGR	Negotiated	Aa1 / NR	1.600	
01/09/20	500.00	New Jersey Econ Dev Auth	Revenue Bonds	2020 Series A	CO-MGR	Negotiated	Baa1 / A-		
12/18/19	39.46	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2019 E	CO-MGR	Negotiated	Aa1 / AA+	4.400	
12/18/19	1,391.59	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2019 F	CO-MGR	Negotiated	Aa1 / AA+	4.360	
12/18/19	1,973.58	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2019 D	CO-MGR	Negotiated	Aa1 / AA+	4.530	
12/13/19	340.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Sub Series B-1	CO-MGR	Negotiated	Aa1 / AAA		
12/13/19	510.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Sub Series B-1	CO-MGR	Negotiated	Aa1 / AAA		
12/12/19	4.50	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 213	CO-MGR	Negotiated	Aa1 / NR	0.430	
12/12/19	73.71	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 214	CO-MGR	Negotiated	Aa1 / NR	6.970	
12/10/19	697.87	Illinois State Toll Highway Auth	Toll Highway Senior Revenue Bonds	2019 Series C	CO-MGR	Negotiated	A1 / AA-	2.230	
12/05/19	110.04	Franklin Co-Ohio	Revenue Bonds	Series OH 2019 A	CO-MGR	Negotiated	Aa3 / AA-		
12/05/19	205.89	Michigan Finance Authority	Hospital Revenue & Ref Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA-		
12/05/19	1,091.03	Michigan Finance Authority	Hospital Revenue Refunding Bonds	Series 2019-T	CO-MGR	Negotiated	Aa3 / AA-		
12/05/19	65.05	Oregon Health Science University (OHSU)	Revenue Bonds	Series 2019 C	CO-MGR	Negotiated	Aa3 / AA-	2.030	
12/05/19	131.01	Oregon Health Science University (OHSU)	Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA-	4.100	
12/04/19	180.01	Ohio	Major New St Infra Proj Rev Bonds	Series 2019-1	CO-MGR	Negotiated	Aa2 / NR		
11/21/19	141.49	NYS Dorm Authority	Facilities Revenue Bonds	Series 2019 A	LEAD	Negotiated	Aa3 / A+	4.460	
11/21/19	560.80	NYS Dorm Authority	Facilities Revenue Bonds	Series 2019 B	LEAD	Negotiated	Aa3 / A+	4.530	
11/21/19	370.98	North Carolina Turnpike Authority	Senior Lien Revenue Bonds	Series 2019	CO-MGR	Negotiated	NR / BBB		
11/21/19	86.15	University of Cincinnati	General Receipts Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / NR		
11/21/19	234.22	University of Cincinnati	General Receipts Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / NR	2.600	
11/20/19	1.28	Massachusetts Housing Fin Agcy	Housing Bonds	2019 Series C-2	CO-MGR	Negotiated	Aa2 / NR	0.090	
11/20/19	13.86	Massachusetts Housing Fin Agcy	Housing Bonds	2019 Series D	CO-MGR	Negotiated	Aa2 / NR	0.960	
11/20/19	92.92	Massachusetts Housing Fin Agcy	Housing Bonds	2019 Series C-1	CO-MGR	Negotiated	Aa2 / NR	6.420	
11/14/19	534.87	Pennsylvania Hghr Ed Facs Auth	Health Sys Revenue Bonds	Series 2019	CO-MGR	Negotiated	Aa3 / NR		
11/13/19	60.00	District of Columbia	Income Tax Secured Rev Bonds	Series 2019 B	CO-MGR	Negotiated	Aa1 / AA+	3.980	
11/13/19	583.40	District of Columbia	Income Tax Secured Rev Ref Bonds	Series 2019 C	CO-MGR	Negotiated	Aa1 / AA+	3.420	
11/13/19	1,302.34	District of Columbia	Income Tax Secured Rev Bonds	Series 2019 A & C	CO-MGR	Negotiated	Aa1 / AA+	3.970	
11/13/19	129.95	East Baton Rouge Par-Louisiana	Move/Bat Sales Tax Rev Bonds	Series 2019	LEAD	Negotiated	Aa3 / AA		
11/13/19	29.61	North Houston Dev Corp	Tax Inc Contract Rev & Ref Bonds	Series 2019	CO-MGR	Negotiated	NR / NR		
11/06/19	246.73	New Jersey Econ Dev Auth	School Facs Con Ref Bonds	2019 Series NNN	CO-MGR	Negotiated	Baa1 / A-	3.160	
11/06/19	448.95	New Jersey Econ Dev Auth	School Facs Con & Ref Bonds	2019 Ser LLL & NNN	CO-MGR	Negotiated	Baa1 / A-	3.160	
11/06/19	185.31	Raleigh City-North Carolina	Comb Enterprise Sys Rev Ref Bonds	Series 2019	CO-MGR	Negotiated	Aaa / AAA		
11/05/19	18.04	Illinois Finance Authority	Revenue Bonds	Series 2019	SOLE	Negotiated	NR / NR		
10/30/19	71.27	Virginia Resources Auth (VRA)	Infrastructure Revenue Bonds	Series 2019 C	CO-MGR	Negotiated	Aaa / NR		
10/29/19	313.34	California St Public Works Board	Lease Revenue Bonds	2019 Series C	LEAD	Negotiated	Aa3 / AA-	2.520	
10/23/19	20.06	Massachusetts Housing Fin Agcy	Housing Bonds	2019 Series B-2	CO-MGR	Negotiated	Aa2 / NR		
10/23/19	71.94	Massachusetts Housing Fin Agcy	Housing Bonds	2019 Series B-1	CO-MGR	Negotiated	Aa2 / NR		
10/18/19	857.63	NYS Thruway Authority	General Revenue Bonds	Series M	LEAD	Negotiated	A1 / NR	4.320	
10/18/19	1,693.25	NYS Thruway Authority	Gen Rev Jr Indebtedness Oblig	Series 2019 B	CO-MGR	Negotiated	A2 / NR	4.440	
10/17/19	17.64	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2019 Series N & O	CO-MGR	Negotiated	Aa2 / NR		

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
10/17/19	34.08	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series N & O	CO-MGR	Negotiated	Aa2 / NR		
10/17/19	49.20	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series N & O	CO-MGR	Negotiated	Aa2 / NR		
10/03/19	27.49	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2019 Series D	CO-MGR	Negotiated	Aa2 / AA		
10/03/19	319.58	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2019 Series C	CO-MGR	Negotiated	Aa2 / AA		
10/03/19	11.70	Rhode Island Hsg & Mtg Fin Corp	Multi-Family Development Bonds	2019 Series 2-T	CO-MGR	Negotiated	Aa2 / NR		
10/03/19	36.00	Rhode Island Hsg & Mtg Fin Corp	Multi-Family Development Bonds	2019 Series 1-B	CO-MGR	Negotiated	Aa2 / NR		
10/02/19	50.00	Indianapolis Loc Pub Imp Bond Bank	Revenue Bonds	Series 2019 F	CO-MGR	Negotiated	NR / NR		
10/02/19	25.69	Wayne St Univ Bd of Governors	General Revenue Bonds	Series 2019 B	CO-MGR	Negotiated	Aa3 / NR		
10/02/19	62.45	Wayne St Univ Bd of Governors	General Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / NR		
09/26/19	49.00	California Municipal Fin Auth	Revenue Bonds	Series 2019	SOLE	Negotiated	NR / NR		
09/24/19	1,000.00	New Jersey Trans Trust Fund Au	Transportation Program Bonds	2019 Series BB	CO-MGR	Negotiated	Baa1 / A-		
09/12/19	218.18	Long Island Power Authority	Electric System Gen Rev Bonds	Series 2019 A	LEAD	Negotiated	A2 / A	1.820	
09/12/19	164.43	Missouri-Illinois Met Dt Bi-St Dev Agcy	Mass Trans Sales Tax App Bonds	Series 2019	CO-MGR	Negotiated	NR / NR		
09/12/19	59.62	Old Spanish Trail/Alameda Redev Au	Tax Increment Contract Bonds	Series 2019	LEAD	Negotiated	NR / NR	5.800	
09/12/19	147.62	Philadelphia Auth for Indus Dev	Lease Revenue Ref Bonds	Series 2019	CO-MGR	Negotiated	A2 / A-	4.050	
09/11/19	325.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power Sys Revenue Bonds	2019 Series C	CO-MGR	Negotiated	NR / NR		
09/11/19	20.00	NYS Housing Fin-Mortgage Agency	Homeowner Mtg Revenue Bonds	Series 222	CO-MGR	Negotiated	Aa1 / NR	0.570	
09/11/19	66.74	NYS Housing Fin-Mortgage Agency	Homeowner Mtg Revenue Bonds	Series 221	CO-MGR	Negotiated	Aa1 / NR	1.890	
09/11/19	125.44	NYS Housing Fin-Mortgage Agency	Homeowner Mtg Revenue Bonds	Series 220	CO-MGR	Negotiated	Aa1 / NR	3.560	
08/27/19	9.15	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 210	CO-MGR	Negotiated	Aa1 / NR	1.550	
08/27/19	14.00	Massachusetts Housing Fin Agency	Single Family Mortgage Rev Bonds	Series 209	CO-MGR	Negotiated	Aa1 / NR	2.380	
08/27/19	20.29	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 211	CO-MGR	Negotiated	Aa1 / NR	3.440	
08/15/19	9.00	Cleveland Public Library	Library Facilities Notes	Series 2019 B	CO-MGR	Negotiated	Aa2 / NR	0.920	
08/15/19	53.00	Cleveland Public Library	Library Facilities Notes	Series 2019 A	CO-MGR	Negotiated	Aa2 / NR	3.450	
08/07/19	414.00	New York Liberty Dev Corp	Revenue Refunding Bonds	Series 2019	CO-MGR	Negotiated	Aa2 / NR	3.560	
08/06/19	213.59	Pennsylvania Hght Ed Facs Auth	Refunding Revenue Bonds	Series B of 2019	CO-MGR	Negotiated	Aa1 / NR		
08/06/19	341.33	Pennsylvania Turnpike Commission	Turnpike Revenue Bonds	Series A of 2019	LEAD	Negotiated	A1 / AA-		
07/24/19	30.44	Maryland Dept Hsg & Com Dev (DHCD)	Housing Revenue Bonds	Series 2019 D	CO-MGR	Negotiated	Aa2 / AA+	8.400	
07/24/19	429.65	Texas A&M University System	Revenue Financing System Bonds	Series 2019 B	CO-MGR	Negotiated	Aaa / AAA		
07/17/19	173.37	Delaware River Jt Toll Bridge Comm	Bridge System Revenue & Ref Bonds	Series 2019 A & B	CO-MGR	Negotiated	A1 / A+	3.730	
07/16/19	235.58	Michigan State Building Auth	Revenue & Revenue Ref Bonds	2019 Series I	CO-MGR	Negotiated	Aa2 / AA-		
07/16/19	652.38	North Texas Tollway Auth (NTTA)	System Revenue Refunding Bonds	Series 2019 A & B	CO-MGR	Negotiated	A1 / NR		
07/11/19	65.24	California State Univ Trustees	Systemwide Revenue Bonds	Series 2020 A	CO-MGR	Negotiated	Aa2 / NR		
07/11/19	81.34	California State Univ Trustees	Systemwide Revenue Bonds	Series 2019 B	CO-MGR	Negotiated	Aa2 / NR		
07/11/19	449.43	California State Univ Trustees	Systemwide Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa2 / NR		
06/28/19	0.73	District of Columbia	Revenue Bonds	Sr Series 2019 A-1	SOLE	Negotiated	NR / NR		
06/28/19	69.09	District of Columbia	Revenue Bonds	Sr Seri 2019 A-1 & B	SOLE	Negotiated	NR / NR		
06/13/19	70.86	Massachusetts Housing Fin Agency	Housing Bonds	2019 Series A	CO-MGR	Negotiated	Aa2 / NR	8.360	
06/13/19	300.00	North Carolina	Limited Obligation Build NC Bonds	Series 2019 A	CO-MGR	Negotiated	Aa1 / AA+		
06/06/19	163.11	Metro Washington Airports Auth	Dulles Toll Rd / Sr Ln Ref Bonds	Series 2019 A	CO-MGR	Negotiated	A2 / NR		
06/05/19	28.99	NYS Housing Fin-Mortgage Agency	Affordable Housing Revenue Bonds	2019 Series H	CO-MGR	Negotiated	Aa2 / NR		
06/05/19	41.69	NYS Housing Fin-Mortgage Agency	Affordable Housing Revenue Bonds	2019 Series H & I	CO-MGR	Negotiated	Aa2 / NR		
06/05/19	59.30	NYS Housing Fin-Mortgage Agency	Affordable Housing Revenue Bonds	2019 Series I	CO-MGR	Negotiated	Aa2 / NR		
05/30/19	14.52	Lincoln University	Auxiliary System Ref Rev Bonds	Series 2019	CO-MGR	Negotiated	NR / NR	8.350	
05/23/19	210.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2019 Series B	CO-MGR	Negotiated	Aa2 / AA		
05/23/19	600.00	North Carolina	Grant Antic Rev Vehicle Bonds	Series 2019	CO-MGR	Negotiated	A2 / A+		
05/22/19	464.54	Austin City-Texas	Electric Utility Sys Rev Bonds	Series 2019 A	CO-MGR	Negotiated	Aa3 / AA	4.010	
05/16/19	482.37	NYS Dorm Authority	Sch Dt Rev Bond Fin Prog Bonds	Series 2019 A-E	CO-MGR	Negotiated	Aa3 / AA-	6.280	
05/08/19	320.44	Univ of Texas Sys Bd of Regents	Revenue Financing Sys Ref Bonds	Series 2019 A	CO-MGR	Negotiated	Aaa / AAA	3.510	
05/01/19	6.61	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 206	CO-MGR	Negotiated	Aa1 / NR		
05/01/19	18.00	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 205	CO-MGR	Negotiated	Aa1 / NR		
05/01/19	19.89	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 207	CO-MGR	Negotiated	Aa1 / NR		
04/03/19	89.79	IPS Multi-School Bldg Corp	Ad Val Prop Tax 1st Mtg Ref Bonds	Series 2019	CO-MGR	Negotiated	NR / NR	2.500	
04/03/19	19.60	Kent State University	General Receipts Bonds	Series 2019	CO-MGR	Negotiated	Aa3 / NR	3.780	
03/27/19	850.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	2019 Subseries C-1	CO-MGR	Negotiated	Aa1 / AAA		
03/27/19	65.44	Syracuse Industrial Dev Agency	School Facility Revenue Bonds	Series 2019 A	CO-MGR	Negotiated	Aa2 / NR	5.920	
03/21/19	610.65	Indianapolis Loc Pub Imp Bond Bank	Community Justice Campus Bonds	Series 2019 A	CO-MGR	Negotiated	Aa1 / AAA	3.610	
03/13/19	9.10	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series E	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	22.40	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series E	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	22.57	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series E	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	23.83	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series E	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	27.57	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series D	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	45.60	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series D	CO-MGR	Negotiated	Aa2 / NR		
03/13/19	52.25	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2019 Series D	CO-MGR	Negotiated	Aa2 / NR		
02/27/19	140.00	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2019 Series A	CO-MGR	Negotiated	Aa2 / AA		
02/14/19	54.21	New Jersey Hsg & Mtg Fin Agency	Single Family Housing Rev Bonds	2019 Series D	CO-MGR	Negotiated	Aa3 / NR	1.250	
02/14/19	202.72	New Jersey Hsg & Mtg Fin Agency	Single Family Housing Rev Bonds	2019 Series C	CO-MGR	Negotiated	Aa3 / NR	4.690	
02/01/19	134.39	NYS Housing Fin-Mortgage Agency	Affordable Housing Ref Rev Bonds	2019 Series C	CO-MGR	Negotiated	Aa2 / NR		
01/10/19	36.32	Idaho Health Facilities Auth	Hospital Revenue Bonds	Series 2019 D	CO-MGR	Negotiated	Aa3 / AA-	4.700	
01/10/19	161.52	Michigan Finance Authority	Hospital Revenue & Refunding Bond	Series 2019 MI-1	CO-MGR	Negotiated	Aa3 / AA-	4.160	
01/10/19	49.15	St Mary Hospital Authority	Hospital Revenue & Refunding Bond	Series 2019 PA	CO-MGR	Negotiated	Aa3 / AA-	3.870	
01/09/19	750.00	New Jersey Trans Trust Fund Au	Transportation Program Bonds	2019 Series AA	CO-MGR	Negotiated	Baa1 / A-	3.150	
12/14/18	51.24	Massachusetts Housing Fin Agency	Housing Bonds	2018 Series D	CO-MGR	Negotiated	Aa2 / NR		
12/12/18	103.57	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2018 B	LEAD	Negotiated	Aa1 / AA+	3.630	
12/12/18	157.37	NYS Dorm Authority	St Personal Income Tax Rev Bonds	Series 2018 A	LEAD	Negotiated	Aa1 / AA+	0.430	
12/12/18	1,408.66	NYS Dorm Authority	State Personal Inc Tax Rev Bonds	Series 2018 A	LEAD	Negotiated	Aa1 / AA+	3.870	
12/06/18	145.85	California Municipal Fin Auth	Student Housing Revenue Bonds	Series 2018	CO-MGR	Negotiated	Baa3 / NR		
12/06/18	516.62	California Municipal Fin Auth	Student Housing Rev Bonds	Series 2018	CO-MGR	Negotiated	Baa3 / NR		
12/06/18	37.90	Columbia City-South Carolina	Stormwater System Revenue Bonds	Series 2018	CO-MGR	Negotiated	Aa2 / NR		
12/06/18	3.61	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 202	CO-MGR	Negotiated	Aa1 / NR		
12/06/18	12.33	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 203	CO-MGR	Negotiated	Aa1 / NR		
12/06/18	12.40	Massachusetts Housing Fin Agency	Single Family Housing Rev Bonds	Series 201	CO-MGR	Negotiated	Aa1 / NR		
12/05/18	12.43	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2018 Series J	CO-MGR	Negotiated	Aa2 / NR		
12/05/18	29.47	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2018 Series I	CO-MGR	Negotiated	Aa2 / NR		
12/05/18	32.57	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2018 Series I	CO-MGR	Negotiated	Aa2 / NR		
12/05/18	40.08	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2018 Series J	CO-MGR	Negotiated	Aa2 / NR		
12/05/18	46.45	NYS Housing Fin-Mortgage Agency	Affordable Housing Rev Bonds	2018 Series I	CO-MGR	Negotiated	Aa2 / NR		

All Other Debt Transactions August 15, 2018 - August 15, 2023 (Fixed Rate, Negotiated Only)									
Sale Date	Par (\$MM)	Issuer	Issue Description	Series	Role	Method of Sale	Rating (M/F)	Gross Spread ¹ (\$ per \$1,000 bond)	True Interest Cost ² (%)
12/05/18	79.27	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2018 Series I	CO-MGR	Negotiated	Aa2 / NR		
11/29/18	22.49	Louisiana Public Facs Auth (LPFA)	Refunding Revenue Bonds	Series 2018	SOLE	Negotiated	A2 / NR	6.560	
11/28/18	86.00	Chicago City BOE	Dedicated & Capital Imp Tax Bonds	Series 2018	CO-MGR	Negotiated	NR / A	7.850	
11/20/18	401.16	North Carolina Turnpike Authority	Triangle Expressway Sys Ref Bonds	Series 2018	CO-MGR	Negotiated	NR / BBB-	2.358	
11/15/18	612.42	Sales Tax Securitization Corp	Sales Tax Securitization Bonds	Series 2018 C	LEAD	Negotiated	NR / AAA	5.520	
10/30/18	1.17	Illinois Finance Authority	Educational Facilities Rev Bonds	Series 2018 B	CO-MGR	Negotiated	NR / NR	0.450	
10/30/18	32.72	Illinois Finance Authority	Educational Facilities Rev Bonds	Series 2018 A	CO-MGR	Negotiated	NR / NR	12.070	
10/29/18	79.29	Massachusetts Housing Fin Agcy	Housing Bonds	2018 Series C	CO-MGR	Negotiated	Aa2 / NR	7.260	
10/24/18	40.44	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2018 Series B	CO-MGR	Negotiated	Aa2 / AA	0.950	
10/24/18	239.57	Maryland Dept Hsg & Com Dev (DHCD)	Residential Revenue Bonds	2018 Series A	CO-MGR	Negotiated	Aa2 / AA	5.660	
10/24/18	218.29	San Antonio City-Texas	Electric & Gas Sys Rev Ref Bonds	Series 2018	CO-MGR	Negotiated	Aa1 / AA+		
10/17/18	430.00	Long Island Power Authority	Electric System General Rev Bonds	Series 2018	CO-MGR	Negotiated	A3 / A-		
10/17/18	1,217.76	NYC Transitional Finance Auth	Building Aid Revenue Bonds	19 Ser S-3 Sub S-3A	CO-MGR	Negotiated	Aa2 / AA		
10/12/18	135.97	NYS Housing Fin-Mortgage Agcy	Affordable Housing Rev Bonds	2018 Series H	CO-MGR	Negotiated	Aa2 / NR		
10/10/18	30.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2018 Series B	CO-MGR	Negotiated	Aa2 / AA	0.170	
10/10/18	30.00	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2018 Series B	CO-MGR	Negotiated	Aa2 / AA	0.170	
10/10/18	30.38	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2018 Series B	CO-MGR	Negotiated	Aa2 / AA	0.180	
10/10/18	31.96	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2018 Series B	CO-MGR	Negotiated	Aa2 / AA	0.180	
10/10/18	177.66	Los Angeles Dept Wtr & Pwr (LADWP)	Power System Revenue Bonds	2018 Series B & C	CO-MGR	Negotiated	Aa2 / AA	1.020	
10/03/18	183.15	Pennsylvania Hghw Ed Facs Auth	Revenue Bonds	Series A of 2018	CO-MGR	Negotiated	Aa1 / NR		
09/25/18	40.00	Philadelphia Redev Authority	City Service Agreement Rev Bonds	Series 2018	LEAD	Negotiated	A2 / A-	5.500	
09/14/18	8.30	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 197	CO-MGR	Negotiated	Aa1 / NR		
09/14/18	8.97	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 198	CO-MGR	Negotiated	Aa1 / NR		
09/14/18	16.92	Massachusetts Housing Fin Agcy	Single Family Housing Rev Bonds	Series 199	CO-MGR	Negotiated	Aa1 / NR		
09/07/18	72.54	Jacksonville City-Florida	Special Revenue Bonds	Series 2018	CO-MGR	Negotiated	Aa3 / AA-	2.490	
09/07/18	151.53	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	Ser A Sub A-2 & A-3	LEAD	Negotiated	Aa1 / AAA	3.870	
09/07/18	750.00	NYC Transitional Finance Auth	Future Tax Secured Sub Bonds	19 Ser B Subser B-1	LEAD	Negotiated	Aa1 / AAA	4.340	
09/07/18	6.85	New Jersey Hsg & Mtg Fin Agency	Multi-Family Revenue Bonds	Series E	CO-MGR	Negotiated	NR / NR		
09/07/18	53.74	New Jersey Hsg & Mtg Fin Agency	Multi-Family Revenue Bonds	2018 Series C & D	CO-MGR	Negotiated	NR / NR		
09/07/18	100.62	New Jersey Hsg & Mtg Fin Agency	Multi-Family Revenue Bonds	2018 Series A & B	CO-MGR	Negotiated	NR / NR		
08/29/18	47.50	Wisconsin Hsg & Econ Dev Auth	Housing Ownership Revenue Bonds	2018 Series D	CO-MGR	Negotiated	Aa2 / NR	3.210	
08/29/18	50.05	Wisconsin Hsg & Econ Dev Auth	Housing Ownership Revenue Bonds	2018 Series D	CO-MGR	Negotiated	Aa2 / NR	3.390	
08/23/18	47.78	Triborough Bridge & Tunnel Auth	General Revenue Refunding Bonds	Series 2018 C	CO-MGR	Negotiated	Aa3 / AA-	1.420	
08/23/18	111.50	Triborough Bridge & Tunnel Auth	General Revenue Refunding Bonds	Series 2018 C	CO-MGR	Negotiated	Aa3 / AA-	3.310	
08/22/18	8.34	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 69-T	CO-MGR	Negotiated	Aa1 / NR		
08/22/18	13.85	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 69-A	CO-MGR	Negotiated	Aa1 / NR		
08/22/18	83.08	Rhode Island Hsg & Mtg Fin Corp	Homeownership Opportunity Bonds	Series 69-B	CO-MGR	Negotiated	Aa1 / NR		
08/17/18	62.17	Metropolitan Transportation Authority	Transpo Revenue Ref Green Bonds	Series 2018 B	CO-MGR	Negotiated	A1 / AA-	1.190	
08/17/18	145.05	Metropolitan Transportation Authority	Transpo Revenue Ref Green Bonds	Series 2018 B	CO-MGR	Negotiated	A1 / AA-	2.780	
08/15/18	23.45	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2018-127A	CO-MGR	Negotiated	Aa2 / NR	0.770	
08/15/18	125.56	Pennsylvania Housing Fin Agcy (PHFA)	Single Family Mortgage Rev Bonds	Series 2018-127B	CO-MGR	Negotiated	Aa2 / NR	4.140	
TOTAL		181,168.12							

* Based on available information from SDC

**Procurement Preferences for
Broward County Small Business Enterprises and County Business Enterprises**

This should be returned with the Vendor's submittal and will be used for informational purposes.

In accordance with Broward County Ordinance, Section 1.81, non-reserved solicitations (for certified Small Business Enterprises (SBEs) or County Business Enterprises (CBEs) and solicitations without any assigned CBE goals, a responding Broward County certified SBE or CBE may be eligible for a procurement preference, in accordance with below:

For Invitations to Bid and Quotation Requests:

If a responsive, responsible bid is received from a certified CBE or SBE that is within ten percent (10%) of the lowest responsive, responsible bid received from a non-certified (SBE or CBE) firm, the SBE or CBE (as applicable) shall be offered the opportunity to match the lowest responsive, responsible bid. If the SBE or CBE firm (as applicable) is responsive and responsible, and matches the lowest responsive, responsible bid, the CBE or SBE firm shall be recommended for award.

For Request for Proposals:

If upon the completion of final rankings by the Evaluation Committee, a non-certified proposer is the highest-ranked proposer, and a responsive, responsible SBE or CBE proposer receives a score that is within five percent (5%) of the score obtained by the non-certified proposer, the highest-ranked responsive, responsible SBE or CBE proposer shall be considered the highest-ranked proposer and shall have the opportunity to proceed to negotiations with the County for award of the contract.

Vendor should indicate below if the firm is a currently certified Broward County SBE and/or CBE firm. If the firm does not indicate it is an SBE or CBE, preference may not be applied based on information received but certification will be verified in the Broward County OESBD [Certified Firm Directory](#). Vendor must be certified at time of solicitation opening (due date).

This does not substitute for certification or application for certification.

- ☐ Firm is a Broward County certified SBE.
- ☐ Firm is a Broward County certified CBE
- ☒ Firm is not a Broward County certified SBE or CBE

Vendor Name

For questions regarding the Broward County SBE and CBE certifications, please contact Office of Economic and Small Business Development at 954-357-6400.

Revised May 1, 2021

VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

The completed form, including acknowledgment of the standard certifications and should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may affect Vendor's evaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name: Loop Capital Markets LLC

2. Doing Business As/ Fictitious Name (if applicable): N/A

3. Federal Employer I.D. no. (FEIN): 364164012

4. Dun and Bradstreet No.: 79-999-2755

5. Website address (if applicable): Loopcapital.com

111 W. Jackson Blvd., Suite 1901
Chicago, IL 60604

6. Principal place of business address:

88 Pine St., 25th Fl.
New York, NY 10005

7. Office location responsible for this project:

8. Telephone no.: 312-913-4900

Fax no.: 312-896-9037

9. Type of business (check appropriate box):

Corporation (specify the state of incorporation):

☐

Sole Proprietor

☐

Limited Liability Company (LLC)

☒

Limited Partnership

☐

General Partnership (State and County Filed In)

☐

Other – Specify

☐

10. List [Florida Department of State, Division of Corporations](#) document number (or registration number if fictitious name):

11. List name and title of each principal, owner, officer, and major shareholder:

a) James Reynolds, Jr.

b)

c)

d)

12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: Stephen Berkeley

Title: CCO and Regulatory Counsel

E-mail: stephen.berkeley@loopcapital.com

Telephone No.: 312-913-2225

Name:

Title:

E-mail:

Telephone No.:

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. ☐ Yes ☒ No
15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No
16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☒ Yes ☐ No
17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
18. Has your firm's surety ever intervened to assist in the completion of a contract of have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety. ☐ Yes ☒ No
19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No
20. Has your ever been terminated from a contract within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
21. Living Wage solicitations only: In determining what, if any, fiscal impact(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.
- Living Wage had an effect on the pricing. ☐ Yes ☐ No ☒ N/A
- If yes, Living Wage increased the pricing by: %.

22. Participation in Solicitation Development:

- ☒ I have not participated in the preparation or drafting of any language, scope, or specification that would provide my firm or any affiliate an unfair advantage of securing this solicitation that has been let on behalf of Broward County Board of County Commissioners.

- ☐ I have provided information regarding the specifications and/or products listed in this solicitation that has been let on behalf of Broward County Board of County Commissioners.

If this box is checked, provide the following: Name of Person the information was provided:

Title:

Date information provided:

For what purpose was the information provided?

Drug-Free Workplace Requirements Certification:

Section 21.23(f) of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program.

- ☒ The Vendor hereby certifies that it has established a drug free workplace program in accordance with the requirements of Section 1-71, et. Seq., of the Broward County Code of Ordinances (Procurement From Businesses With Drug-Free Workplace Program).

Non-Collusion Certification:

Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

- ☒ The Vendor certifies that this offer is made independently and free from collusion; or
- ☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:

In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract: to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

- ☒ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor hereby certifies that: (check each box)

- ☒ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- ☒ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- ☒ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities

in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

Stephen

Berkeley

*AUTHORIZED SIGNATURE/NAME

Digitally signed by Stephen Berkeley
DN: cn=Stephen Berkeley, o=Loop Capital
Markets, ou
email=stephen.berkeley@loopcapital.com,
c=US
Date: 2023.08.08 06:42:24 -0500

CCO and Regulatory Counsel

TITLE

08/07/2023

DATE

Vendor Name: Loop Capital Markets LLC

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to PART XI of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION

The completed should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

- ☒ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.
- ☐ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

**Stephen
Berkeley**
Authorized Signature/Name
Loop Capital Markets LLC
Vendor Name

Digitally signed by Stephen Berkeley
DN: cn=Stephen Berkeley, o=Loop
Capital Markets, ou,
email=stephen.berkeley@loopcapitalc
om, c=US
Date: 2023.08.08 06:42:43 -0500

CCO & Regulatory Counsel
TITLE
08/07/2023
DATE

Revised May 1, 2021

DOMESTIC PARTNERSHIP ACT CERTIFICATION

The Domestic Partnership Act, Sections 16 ½ - 150 through 16 ½ -165, Broward County Code of Ordinances (the "Act") requires any Vendors contracting with the County, in an amount over \$100,000 provide benefits to registered domestic partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Act.

Refer to applicable section below based on solicitation type. Failure to submit this form by stated timeframes will deem the Vendor nonresponsive to the solicitation or ineligible for the Domestic Partnership tiebreaker, as applicable.

For Invitation for Bids:

The completed and signed form should be returned with the Vendor's submittal. If not provided with the submittal, the Vendor must submit this form within three business days after County's request. A Vendor shall be deemed non-responsive for failure to fully comply within stated timeframes.

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For the solicitation types referenced in this section, this form can be used for multiple purposes. For solicitations that contain Competitive Consultants' Negotiation Act (CCNA) requirements, this form will be used for tiebreaker criterion only.

1. Domestic Partnership Responsiveness Requirement

If Domestic Partnership is a requirement of the solicitation (refer to Special Instructions to Vendors), this completed and signed form should be returned with the Vendor's submittal. If not provided with the submittal, the Vendor must submit this form within three business days after County's request. A Vendor shall be deemed non-responsive for failure to fully comply within stated timeframes.

2. Domestic Partnership Tiebreaker

To be eligible for the Domestic Partnership tiebreaker, the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at the time of solicitation submittal. Vendors who fail to comply with this submittal deadline will not be eligible for the Domestic Partnership tiebreaker.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Sections 16-½ -150 through 16 ½ - 165, Broward County Code of Ordinances; and certifies the following: (check only one below).

- ☒ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners (as defined in the Act) of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and for the duration of the contract by providing benefits to Domestic Partners (as defined in the Act) of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.

- ☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: (check only one below).

- ☐ The Vendor employs less than five (5) employees.
- ☐ The Vendor does not provide benefits to employees' spouses.
- ☐ The Vendor is a governmental entity.
- ☐ The Vendor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated, supervised, or controlled by or in conjunction with a religious organization, association, or society.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. (Indicate the law, statute or regulation and attach explanation of its applicability).

Stephen Berkeley	<small>Digitally signed by Stephen Berkeley DN: cn=Stephen Berkeley, ou=Loop Capital Markets, ou=ema@stephenberkeleyloopcapital.com, c=US Date: 2023.08.08 06:42:05 -05'00'</small>	CCO and Regulatory Counsel	Loop Capital Markets LLC	08/07/2023
Authorized Signature/Name		Title	Vendor	Date

Revised January 24, 2023

LITIGATION HISTORY FORM

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- ☒ There are no material cases for this Vendor; or
☐ Material Case(s) are disclosed below:

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Name of Court or other tribunal	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Brief description of the Subject Matter and Project Involved	<div style="border: 1px solid black; height: 20px; width: 100%;"></div>
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> Email: <div style="border: 1px solid black; height: 20px; width: 100%;"></div> Telephone Number: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

Vendor Name: Loop Capital Markets LLC

Revised May 1, 2021

CRIMINAL HISTORY SCREENING PRACTICES CERTIFICATION FORM

The completed and signed form should be returned with Vendor's submittal. If Vendor does not provide it with the submittal, Vendor must submit the completed and signed form within three business days after County's request. Vendor shall be deemed nonresponsive for failure to fully comply within stated timeframes.

Section 26-125(d) of the Broward County Code of Ordinances ("Criminal History Screening Practices") requires that a Vendor seeking a contract in the amount of \$100,000 or more with Broward County shall certify that it has implemented, or will implement upon award of the contract, policies, practices, and procedures regarding inquiry into the criminal history of an applicant for employment, including a criminal history background check of any such person, that preclude inquiry into an applicant's criminal history until the applicant is selected as a finalist and interviewed for the position. The requirement in the preceding sentence shall apply only to positions located within the United States that will foreseeably perform work under a contract with Broward County. The failure of Vendor to comply with Section 26-125(d) at any time during the contract term shall constitute a material breach of the contract, entitling Broward County to pursue any remedy permitted under the contract and any other remedy provided under applicable law. If Vendor fails to comply with Section 26-125(d) at any time during the contract term, Broward County may, in addition to all other available remedies, terminate the contract and Vendor may be subject to debarment or suspension proceedings consistent with the procedures in Chapter 21 of the Broward County Administrative Code.

By signing below, Vendor certifies that it is aware of the requirements of Section 26-125(d), Broward County Code of Ordinances, and certifies the following: (check only one below).

☐ Vendor certifies that, for positions located within the United States that will foreseeably perform work under a contract with Broward County, it has implemented, or will implement upon award of the contract, policies, practices, and procedures regarding inquiry into the criminal history of an applicant for employment, including a criminal history background check of any such person, that preclude inquiry into an applicant's criminal history until the applicant is selected as a finalist and interviewed for the position.

☒ Vendor is exempt from the requirements of Section 26-125(d) of the Broward County Code of Ordinances because Vendor is required by applicable federal, state, or local law to conduct a criminal history background check in connection with potential employment at a time or in a manner that would otherwise be prohibited by this section, or because Vendor is a governmental agency.

AUTHORIZED SIGNATURE/ NAME: **Stephen Berkeley**
Digitally signed by Stephen Berkeley
DN: cn=Stephen Berkeley, o=Loop
Capital Markets, ou,
email=stephen.berkeley@loopcapital
.com, c=US
Date: 2023.08.08 06:43:50 -05'00'

VENDOR NAME: Loop Capital Markets LLC

TITLE: CCO and Regulatory Counsel

DATE: 08/07/2023

Revised June 17, 2022

AGREEMENT EXCEPTION FORM

The completed form(s) should be submitted with the solicitation response. If not submitted with solicitation response, it shall be deemed an affirmation by the Vendor that it accepts contract terms and conditions stated in the solicitation.

The Vendor must provide on the form below, any and all exceptions it takes to the contract terms and conditions stated in the solicitation, including all proposed modifications to the contract terms and conditions or proposed additional terms and conditions. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

There are no exceptions to the contract terms and conditions state in this solicitation; or



The following exceptions are taken to the contract terms and conditions state in this solicitation:
(use additional forms as needed; separate each Article/ Section number)



Term or Condition Article / Section	Insert proposed modifications to the contract terms and conditions or proposed additional terms and condition	Provide brief justification for proposed modifications

Vendor Name: Loop Capital Markets LLC

Revised May 1, 2021

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION

The completed form should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may result in Vendor being deemed non-responsive.

- a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.
- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Development Program, including County Business Enterprise (CBE), Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE) goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

- ☒ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"
- ☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name:

Stephen Berkeley

Digitally signed by Stephen Berkeley
DN: cn=Stephen Berkeley, o=Loop Capital Markets, ou,
email=stephen.berkeley@loopcapital.com, c=US
Date: 2023.08.08 05:44:29 -05'00'

Stephen Berkeley

Title: CCO and Regulatory Counsel

Vendor Name: Loop Capital Markets LLC

Date: 08/07/2023

Revised 11/24/2021

LOCATION CERTIFICATION

Refer to applicable sections for submittal instructions. Failure to submit required forms or information by stated timeframes will deem vendor ineligible for local preference or location tiebreaker.

Broward County [Code of Ordinances, Section 1-74](#), et seq., provides certain preferences to Local Businesses, Locally Based Businesses, and Locally Based Subsidiaries, and the [Broward County Procurement Code](#) provides location as the first tiebreaker criteria. Refer to the ordinance for additional information regarding eligibility for local preference.

For Invitation for Bids:

To be eligible for the Local Preference best and final offer ("BAFO") and location tiebreaker, the Vendor **must** submit this fully completed form and a copy of its Broward County local business tax receipt **at the same time it submits its bid. Vendors who fail to comply with this submittal deadline will not be eligible for either the BAFO or the location tiebreaker.**

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For Local Preference eligibility, the Vendor **should** submit this fully **completed form and all Required Supporting Documentation** (as indicated below) at the time Vendor submits its response to the procurement solicitation. If not provided with submittal, the Vendor **must** submit within three business days after County's written request. Failure to submit required forms or information by stated timeframes will deem the Vendor ineligible for local preference.

To be eligible for the location tiebreaker, **the Vendor must submit this fully completed form and a copy of its Broward County local business tax receipt at the same time it submits its response.** Vendors who fail to comply with this submittal deadline will not be eligible for the location tiebreaker.

The undersigned Vendor hereby certifies that (check the box for only one option below):

- ☐ **Option 1:** The Vendor is a **Local Business**, but does not qualify as a **Locally Based Business** or a **Locally Based Subsidiary**, as each term is defined by [Section 1-74, Broward County Code of Ordinances](#). The Vendor further certifies that:

- A. It has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
- a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - in an area zoned for the conduct of such business,
 - that the Vendor owns or has the legal right to use, and
 - from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location").

If Option 1 selected, indicate **Local Business Location**:

- ☐ **Option 2:** The Vendor is both a **Local Business** and a **Locally Based Business** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
 - i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - ii. in an area zoned for the conduct of such business,
 - iii. that the Vendor owns or has the legal right to use, and
 - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation as so defined, the "Local Business Location";
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. Less than fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the owned, directly or indirectly, by one or more entities with a principal place of business Vendor located outside of Broward County is :

If Option 2 selected, indicate **Local Business Location**:

//

☐ **Option 3:** The Vendor is both a **Local Business** and a **Locally Based Subsidiary** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained:
 - i. for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
 - ii. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - iii. in an area zoned for the conduct of such business,
 - iv. that the Vendor owns or has the legal right to use, and
 - v. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location");
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. At least fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is :

If Option 3 selected, indicate **Local Business Location**:

//

☐ **Option 4:** The Vendor is a **joint venture** composed of one or more Local Businesses, Locally Based Businesses, or Locally Based Subsidiaries, as each term is defined by Section 1-74, Broward County Code of Ordinances. Fill in blanks with percentage equity interest or list "N/A" if section does not apply. The Vendor further certifies that:

- A. The proportion of equity interests in the joint venture owned by **Local Business(es)** (each Local Business must comply with all of the requirements stated in Option 1) is _____ % of the total equity interests in the joint venture; and/or
- B. The proportion of equity interests in the joint venture owned by **Locally Based Business(es)** (each Locally Based Business must comply with all of the requirements stated in Option 2) is _____ % of the total equity interests in the joint venture; and/or
- C. The proportion of equity interests in the joint venture owned by **Locally Based Subsidiary(ies)** (each Locally Based Subsidiary must comply with all of the requirements stated in Option 3) is _____ % of the total equity interests in the joint venture.

If Option 4 selected, indicate the Local Business Location(s) (es) on separate sheet.

//

☒ **Option 5:** Vendor is not a Local Business, a Locally Based Business, or a Locally Based Subsidiary, as each term is defined by Section 1-74, Broward County Code of Ordinances.

Required Supporting Documentation (in addition to this form): Option 1 or 2 (**Local Business or Locally Based Business**):

1. Broward County local business tax receipt.

Option 3 (Locally Based Subsidiary)

1. Broward County local business tax receipt.
2. Documentation identifying the Vendor's vertical corporate organization and names of parent entities if the Vendor is a Locally Based Subsidiary.

Option 4 (joint venture composed of one or more Local Business(es), Locally Based Business(es), or Locally Based Subsidiary(ies)):

1. Broward County local business tax receipt(s) for each Local Business(es), Locally Based Business(es), and/or Locally Based Subsidiary(ies).
2. Executed joint venture agreement, if the Vendor is a joint venture.
3. If joint venture is comprised of one or more Locally Based Subsidiary(ies), submit documentation identifying the vertical corporate organization and parent entities name(s) of each Locally Based Subsidiary.

If requested by County (any option):

1. Written proof of the Vendor's ownership or right to use the real property at the Local Business Location.
2. Additional documentation relating to the parent entities of the Vendor.
3. Additional documentation demonstrating the applicable percentage of equity interests in the joint venture, if not shown in the joint venture agreement.
4. Any other documentation requested by County regarding the location from which the activities of the Vendor are directed, controlled, and coordinated.

By submitting this form, the Vendor certifies that if awarded a contract, it is the intent of the Vendor to remain at the Local Business Location address listed below (or another qualifying Local Business Location within Broward County) for the duration of the contract term, including any renewals or extensions. (If nonlocal Vendor, leave Local Business Location blank.)

Indicate Local Business Location:

//

True and Correct Attestations:

Any misleading, inaccurate, or false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as authorized by the Broward County Procurement Code. The Vendor understands that, if after contract award, the County learns that any of the information provided by the Vendor on this was false, and the County determines, upon investigation, that the Vendor's provision of such false information was willful or intentional, the County may exercise any contractual right to terminate the contract. The provision of false or fraudulent information or documentation by a Vendor may subject the Vendor to civil and criminal penalties.

AUTHORIZED SIGNATURE/NAME:

Stephen
Berkeley

Digitally signed by Stephen Berkeley
DN: cn=Stephen Berkeley, o=Loop
Capital Markets, ou,
email=stephen.berkeley@loopcapital
.com, c=US
Date: 2023.08.08 08:09:09 -05'00'

Stephen Berkeley

TITLE: CCO and Regulatory Counsel

VENDOR NAME: Loop Capital Markets LLC

DATE: 08/07/2023

Revised May 1, 2021



Certificate of Current MSRB Registration

The Municipal Securities Rulemaking Board (MSRB) certifies that the organization listed below is registered with the MSRB as of August 08, 2023 09:47:47 AM ET.

Registrant's Name:	Loop Capital Markets, L.L.C.	Type of Registration Maintained with the MSRB:	Broker-Dealer
MSRB ID:	A5139	Date Registered with the MSRB:	August 07, 1997

This certificate may be confirmed by contacting the MSRB at 202-838-1330 or by email to MSRBsupport@msrb.org

Stephanie Braddell, Product Operations Manager

©2023 Municipal Securities Rulemaking Board

1300 I Street NW, Suite 1000 | Washington, DC 20005 | 202-838-1500 | MSRB.org | EMMA.MSRB.org



LOOP CAPITAL MARKETS LLC

CRD# 43098

SEC# 8-50140

Main Office Location

111 WEST JACKSON BOULEVARD
SUITE 1901
CHICAGO, IL 60604
Regulated by FINRA Chicago Office

Mailing Address

111 WEST JACKSON BOULEVARD
SUITE 1901
CHICAGO, IL 60604

Business Telephone Number

312-913-4900

This firm is a brokerage firm and an investment adviser firm. For more information about investment adviser firms, visit the SEC's Investment Adviser Public Disclosure website at:

<https://www.adviserinfo.sec.gov>

Report Summary for this Firm

This report summary provides an overview of the brokerage firm. Additional information for this firm can be found in the detailed report.

Firm Profile

This firm is classified as a limited liability company.
This firm was formed in Delaware on 06/01/2004.
Its fiscal year ends in December.

Firm History

Information relating to the brokerage firm's history such as other business names and successions (e.g., mergers, acquisitions) can be found in the detailed report.

Firm Operations

This firm is registered with:

- the SEC
- 1 Self-Regulatory Organization
- 51 U.S. states and territories

Is this brokerage firm currently suspended with any regulator? **No**

This firm conducts 13 types of businesses.

This firm is affiliated with financial or investment institutions.

This firm has referral or financial arrangements with other brokers or dealers.

Disclosure Events

Brokerage firms are required to disclose certain criminal matters, regulatory actions, civil judicial proceedings and financial matters in which the firm or one of its control affiliates has been involved.

Are there events disclosed about this firm? **Yes**

The following types of disclosures have been reported:

Type	Count
Regulatory Event	8



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/6/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER CS Insurance Strategies, Inc. 150 N Michigan Ave #2400 Chicago, IL 60601	CONTACT NAME:	
	PHONE (A/C, No, Ext): (312) 566-9700	FAX (A/C, No): (312) 566-0367
INSURED Loop Capital Markets LLC Loop Capital Asset Management LLC 111 W. Jackson Blvd. Suite 1901 Chicago, IL 60604	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Great Northern Insurance Company	
	INSURER B : Federal Insurance Company	
	INSURER C : Chubb Indemnity Insurance Company	
	INSURER D : ACE American Insurance Company	
INSURER E :		
INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			35824759	8/1/2022	8/1/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Emp. Benefits \$ 1,000,000
A	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			74983795	8/1/2022	8/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			79826188	8/1/2022	8/1/2023	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	71712645	8/1/2022	8/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Crime Bond w/ERISA			000081944224	9/1/2022	8/1/2023	Aggregate Limit 5,000,000
D	Cyber Liab			D95324149	8/15/2022	8/1/2023	Aggregate Limit 3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
See below for Management Liability Lines of Business

CERTIFICATE HOLDER

CANCELLATION

Evidence of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



ADDITIONAL REMARKS SCHEDULE

Page 1 of 3

AGENCY CS Insurance Strategies, Inc.		NAMED INSURED Loop Capital Markets LLC Loop Capital Asset Management LLC 111 W. Jackson Blvd. Suite 1901 Chicago, IL 60604 Cook	
POLICY NUMBER SEE PAGE 1		EFFECTIVE DATE: SEE PAGE 1	
CARRIER SEE PAGE 1	NAIC CODE SEE P 1		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Management Liability Lines
Fiduciary:
Travelers Casualty & Surety Company
106306437
8/1/2022 - 8/1/2023
Fiduciary Liability
Limit: \$5,000,000
NAIC: 31194

Directors & Officers/EPLI:

Ironshore Indemnity
Policy Number: DO6CAB0M5R004
6/1/2023 - 8/1/2024
Directors & Officers
Primary - \$5,000,000
NAIC: 23647

XL Insurance Company
Policy: ELU190370-23
6/1/2023 - 8/1/2024
Directors & Officers
Excess - \$5,000,000 excess of \$5,000,000
NAIC: 38318

Axis Insurance Company
Policy: P-001-000318140-04
6/1/2023 - 8/1/2024
Directors & Officers
Excess - \$5,000,000 excess of \$10,000,000
Side A & Difference-In-Conditions
NAIC: 37273

Banker's E&O:

Axis Surplus Insurance Company
Policy: P-001-000127315-04
6/1/2023 - 8/1/2024
Errors & Omissions
Primary - \$5,000,000
NAIC: 26620

XL Specialty Insurance Company
Policy: ELU190371-23
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$5,000,000
NAIC: 37885

Berkshire Hathaway Specialty Insurance
Policy: 47-EPF-302623-08



AGENCY CUSTOMER ID: LOOPCAP-01
LOC #: 1

ADDITIONAL REMARKS SCHEDULE

Page 2 of 3

AGENCY CS Insurance Strategies, Inc.		NAMED INSURED Loop Capital Markets LLC Loop Capital Asset Management LLC 111 W. Jackson Blvd. Suite 1901 Chicago, IL 60604 Cook	
POLICY NUMBER SEE PAGE 1			
CARRIER SEE PAGE 1	NAIC CODE SEE P 1	EFFECTIVE DATE: SEE PAGE 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: **ACORD 25** FORM TITLE: **Certificate of Liability Insurance**

6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$10,000,000
NAIC: 22276

Allied World Insurance Company
Policy: 0312-9061
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$15,000,000
NAIC: 37885

QBE Insurance Corporation
Policy: 130002851
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$20,000,000
NAIC: 39217

IML E&O:

Axis Surplus Insurance Company
Policy: P-001-00811084-03
6/1/2023 - 8/1/2024
Errors & Omissions
Primary: \$5,000,000

XL Specialty Insurance Company
Policy: ELU190363-23
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$5,000,000
NAIC: 37885

Berkshire Hathaway Specialty Insurance
Policy: 47-EPF-319875-04
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$10,000,000
NAIC: 22276

Allied World Insurance Company
Policy: 0313-2423
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$15,000,000
NAIC: 37885

QBE Insurance Corporation



ADDITIONAL REMARKS SCHEDULE

AGENCY CS Insurance Strategies, Inc.		NAMED INSURED Loop Capital Markets LLC Loop Capital Asset Management LLC 111 W. Jackson Blvd. Suite 1901 Chicago, IL 60604 Cook	
POLICY NUMBER SEE PAGE 1		EFFECTIVE DATE: SEE PAGE 1	
CARRIER SEE PAGE 1	NAIC CODE SEE P 1		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Policy: 130002853
6/1/2023 - 8/1/2024
Errors & Omissions
Excess - \$5,000,000 xs \$20,000,000
NAIC: 39217

Vendor Reference Verification Form

Vendor is required to submit completed Reference Verification Forms for previous projects referenced in its submittal. Vendor should provide the **Vendor Reference Verification Form** to its reference organization/firm to complete and return to the Vendor's attention. Vendor should submit the completed Vendor Reference Form with its response by the solicitation's deadline. The County will verify references provided as part of the review process. Provide a minimum of three (3) non-Broward County Board of County Commissioners' references.

VENDOR REFERENCE VERIFICATION FORM

GEN2126726Q1 Library of Bond Underwriters				
Reference For (hereinafter, "Vendor"):	Loop Capital Markets LLC			
Reference Date:				
Organization/Firm Providing Reference:	Dallas-Fort Worth International Airport			
Contact Name:	Cindy Demers			
Contract Title:	VP Treasury Management			
Contact Email:	cdemers@dfwairport.com			
Contact Phone:	972-973-6447, 512-913-6452 (m)			
Name of Referenced Project:	Joint Revenue Refunding Bonds, Taxable Series 2023A			
Contract Number:				
Date Range of Services Provide:	Start Date: March 2023	End Date: August 2023		
Project Amount:	\$215,275,000			
Vendor's Role in Project:	<input checked="" type="checkbox"/> Prime	<input type="checkbox"/> Subconsultant/Subcontractor		
Would you use this Vendor again?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
If you answered no to the question above, please specify below: (attach additional sheet if needed)				
Description of services provided by Vendor, please specify below: (attach additional sheet if needed)				
Loop served as lead underwriter in connection with the sale of Joint Revenue Bonds (Taxable).				
Reviewed and commented on all documents, leading investor outreach and successfully placing the bonds.				
Please rate your experience with the referenced Vendor via checkbox:	Needs Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service:				
Responsive:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuracy:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
Staff Expertise:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Professionalism:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turnover:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Timeliness of:				
Project:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Project completed within budget:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooperation with:				
Your Firm:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Subcontractor(s)/Subconsultant(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Regulatory Agency(ies):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to the Broward County Procurement Code.				
THE SECTION BELOW IS FOR COUNTY USE ONLY				
Verified via: <input type="checkbox"/> Email <input type="checkbox"/> Verbal	Verified by:		Division:	
			Date:	

Vendor Reference Verification Form

Vendor is required to submit completed Reference Verification Forms for previous projects referenced in its submittal. Vendor should provide the **Vendor Reference Verification Form** to its reference organization/firm to complete and return to the Vendor's attention. Vendor should submit the completed Vendor Reference Form with its response by the solicitation's deadline. The County will verify references provided as part of the review process. Provide a minimum of three (3) non-Broward County Board of County Commissioners' references.

VENDOR REFERENCE VERIFICATION FORM

GEN2126726Q1 Library of Bond Underwriters				
Reference For (hereinafter, "Vendor"):	Loop Capital Markets LLC			
Reference Date:				
Organization/Firm Providing Reference:	City of Houston			
Contact Name:	Vernon Middleton Lewis			
Contract Title:	Treasury Director			
Contact Email:	vernon.lewis@houstontx.gov			
Contact Phone:	832-393-3518			
Name of Referenced Project:	Airport System Sub. Lien Revenue and Refunding Bonds, Series 2023			
Contract Number:				
Date Range of Services Provide:	Start Date: May 2023	End Date: July 2023		
Project Amount:	\$756,050,000 (Series 2023AB)			
Vendor's Role in Project:	<input type="checkbox"/> Prime	<input checked="" type="checkbox"/> Subconsultant/Subcontractor		
Would you use this Vendor again?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
If you answered no to the question above, please specify below: (attach additional sheet if needed)				
Description of services provided by Vendor, please specify below: (attach additional sheet if needed)				
Vendor served as co-underwriter in connection with the sale of the Airport System Sub. Lien Revenue and Refunding Bonds, Series 2023AB				
Vendor is also a CP dealer for the City				
Please rate your experience with the referenced Vendor via checkbox:	Needs Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service:				
Responsive:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accuracy:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
Staff Expertise:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Professionalism:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Turnover:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
Project:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project completed within budget:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooperation with:				
Your Firm:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Subcontractor(s)/Subconsultant(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Regulatory Agency(ies):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to the Broward County Procurement Code.				
THE SECTION BELOW IS FOR COUNTY USE ONLY				
Verified via: <input type="checkbox"/> Email <input type="checkbox"/> Verbal	Verified by:		Division:	
			Date:	

Vendor Reference Verification Form

Vendor is required to submit completed Reference Verification Forms for previous projects referenced in its submittal. Vendor should provide the **Vendor Reference Verification Form** to its reference organization/firm to complete and return to the Vendor's attention. Vendor should submit the completed Vendor Reference Form with its response by the solicitation's deadline. The County will verify references provided as part of the review process. Provide a minimum of three (3) non-Broward County Board of County Commissioners' references.

VENDOR REFERENCE VERIFICATION FORM

GEN2126726Q1 Library of Bond Underwriters				
Reference For (hereinafter, "Vendor"):	Loop Capital Markets LLC			
Reference Date:	8/9/2023			
Organization/Firm Providing Reference:	The City of New York Office of the Comptroller			
Contact Name:	Tim Martin			
Contract Title:	Assistant Comptroller for Public Finance			
Contact Email:	tmartin@comptroller.nyc.gov			
Contact Phone:	(212) 669-3968			
Name of Referenced Project:	New York City Municipal Water Finance Authority Water and Sewer			
Contract Number:	N/A			
Date Range of Services Provide:	Start Date: October 2022	End Date: November 2022		
Project Amount:	\$750,000,000			
Vendor's Role in Project:	<input checked="" type="checkbox"/> Prime	<input type="checkbox"/> Subconsultant/Subcontractor		
Would you use this Vendor again?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
If you answered no to the question above, please specify below: (attach additional sheet if needed)				
Description of services provided by Vendor, please specify below: (attach additional sheet if needed)				
Vendor served as lead underwriter in connection with the sale of New York City Municipal Water Finance Aut				
Please rate your experience with the referenced Vendor via checkbox:	Needs Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service:				
Responsive:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Accuracy:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
Staff Expertise:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Professionalism:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turnover:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness of:				
Project:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Deliverables:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Project completed within budget:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooperation with:				
Your Firm:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Subcontractor(s)/Subconsultant(s):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Regulatory Agency(ies):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to the Broward County Procurement Code.				
THE SECTION BELOW IS FOR COUNTY USE ONLY				
Verified via: <input type="checkbox"/> Email <input type="checkbox"/> Verbal	Verified by:	Division:		
		Date:		

Supplier: Loop Capital Markets LLC

Standard Instructions to Vendors - Request for Proposals, Request for Qualifications, or Request for Letters of Interest

Vendors are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Vendor's submittal being rejected.

Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in Periscope S2G for the response to be deemed valid by the County. Refer to the [Purchasing Division website](#) or contact Periscope S2G for submittal instructions.

A. Responsiveness Criteria:

A Responsive (Vendor) means a vendor who submits a response to a solicitation that the Director of Purchasing determines meets all requirements of the solicitation.

The required information and applicable forms must be submitted with solicitation response, electronically through Periscope SG2 by the solicitation's due date and time. Failure to timely submit may result in Vendor being deemed non-responsive. The County reserves the right to waive minor technicalities or irregularities as is in the best interest of the County in accordance with Section 21.37(b) of the Broward County Procurement Code.

Below are standard responsiveness criteria; refer to **Special Instructions to Vendors** for Additional Responsiveness Criteria requirement(s).

1. Lobbyist Registration Requirement Certification

Refer to **Lobbyist Registration Requirement Certification Form**. The completed form should be submitted with the solicitation response. If not submitted within solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may result in Vendor being deemed non-responsive.

2. Criminal History Screening Practices Certification

Refer to **Criminal History Screening Practices Certification Form**. The completed form should be submitted with the solicitation response. If not submitted within solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may result in Vendor being deemed non-responsive.

3. Addenda

The County reserves the right to amend this solicitation prior to the due date and time specified in the solicitation. Any change(s) to this solicitation will be conveyed through the written addenda process. Only written addenda will be binding. Vendor must follow the instructions carefully and submit the required information and applicable forms, or acknowledge addendum, electronically through Periscope S2G. It is the Vendor's sole responsibility to monitor the solicitation for any changing information, prior to submitting their solicitation response.

B. Responsibility Criteria:

A Responsible (Vendor) means a vendor who is determined to have the capability in all respects to perform fully the requirements of a solicitation, as well as the integrity and reliability that will ensure good faith performance.

When making determinations of responsibility, the Director of Purchasing or the Evaluation Committee (as applicable) may request additional information from any vendor on matters that may affect a vendor's responsibility. The failure of a vendor to provide information requested by the County may result in a determination of non-responsibility. In addition, a vendor may submit information regarding its responsibility; provided, however, that such information shall not be considered if it

contradicts or materially alters the information provided by the vendor in its original response to the solicitation.

Failure to provide any of this required information and in the manner required may result in a recommendation by the Director of Purchasing that the Vendor is non-responsible.

Below are standard responsibility criteria; refer to **Special Instructions to Vendors** for Additional Responsibility Criteria requirement(s).

1. **Litigation History**

- a. All Vendors are required to disclose to the County all "material" cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all "material" cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the "material" cases against the principal, during the last three (3) years prior to the solicitation response.

A case is considered to be "material" if it relates, in whole or in part, to any of the following:

- i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
 - ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
 - iii. A vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract;
 - iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
 - v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.
- b. For each material case, the Vendor is required to provide all information identified in the **Litigation History**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by the Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.
 - c. The County will consider a Vendor's litigation history information in its review and determination of responsibility.
 - d. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.
 - e. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.
 - f. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor's subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.

2. **Financial Information**

- a. All Vendors are required to submit the Vendor's financial statements by the due date and time specified in the solicitation, in order to demonstrate the Vendor's financial capabilities. If not submitted with solicitation response, it must be submitted within three business days of County's written request.

- b. Each Vendor shall submit its most recent two years of financial statements for review. The financial statements are not required to be audited financial statements. The annual financial statements shall be in the form of:
- i. Balance sheets, income statements and annual reports; or
 - ii. Tax returns; or
 - iii. SEC filings.

If tax returns are submitted, ensure it does not include any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, bank account or credit card numbers, or any personal pin numbers. If any personal information data is part of financial statements, redact information prior to submitting a response the County.

- c. If a Vendor has been in business for less than the number of years of required financial statements, then the Vendor must disclose all years that the Vendor has been in business, including any partial year-to-date financial statements.
- d. The County may consider the unavailability of the most recent year's financial statements and whether the Vendor acted in good faith in disclosing the financial documents in its evaluation.
- e. Any claim of confidentiality on financial statements should be asserted at the time of submittal. Refer to Standard Instructions to Vendors, Confidential Material/Public Records and Exemptions for instructions on submitting confidential financial statements. The Vendor's failure to provide the information as instructed may lead to the information becoming public.
- f. Although the review of a Vendor's financial information is an issue of responsibility, the failure to either provide the financial documentation or correctly assert a confidentiality

claim pursuant the Florida Public Records Law and the solicitation requirements (Confidential Material/ Public Records and Exemptions section) may result in a recommendation of non-responsiveness by the Director of Purchasing.

3. Authority to Conduct Business in Florida

- a. A Vendor must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.
- b. The County will review the Vendor's business status based on the information submitted with the solicitation response.
- c. It is the Vendor's sole responsibility to comply with all state and local business requirements.
- d. Vendor should list its active Florida Department of State Division of Corporations Document Number (or Registration No. for fictitious names) in the **Vendor Questionnaire**, Question No. 10.
- e. If a Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to transact business in the State of Florida or show evidence of application for the authority to transact business in the State of Florida, upon request of the County.
- f. A Vendor that is not in good standing with the Florida Secretary of State at the time of a submission to this solicitation may be deemed non-responsible.
- g. If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

4. Affiliated Entities of the Principal(s)

- a. All Vendors are required to disclose the names of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. The Vendor is required to provide all information required on the **Affiliated Entities of the Principal(s) Certification** form.
 - b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
 - c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.
5. **Insurance Requirements**
The **Insurance Requirement Form** reflects the insurance requirements deemed necessary for this project. While it is not necessary to have this level of insurance in effect at the time of solicitation response, all Vendors are required to either submit insurance certificates indicating that the Vendor currently carries the level insurance coverages or submit a letter from the insurance carrier indicating Vendor can obtain the required insurance coverages.

C. Additional Information and Certifications

The following forms and supporting information (if applicable) should be completed and submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may affect Vendor's evaluation.

1. **Vendor Questionnaire and Standard Certifications**

Vendors are required to submit detailed information on their firm and certify to the below requirements. Refer to the **Vendor Questionnaire and Standard Certification** and submit as instructed.

- a. Drug-Free Workplace Certification
- b. Non-Collusion Certification
- c. Public Entities Crimes Certification
- d. Scrutinized Companies List Certification

2. **Subcontractors/Subconsultants/Suppliers Requirement**

If the Subcontractors/Subconsultants/Suppliers Information Form is included in the solicitation, the Vendor shall submit a listing of all subcontractors, subconsultants, and major material suppliers, if any, and the portion of the contract they will perform. Vendors must follow the instructions included on the **Subcontractors/Subconsultants/Suppliers Information Requirement** form and submit as instructed.

D. Standard Agreement Language Requirements

The acceptance of or any exceptions taken to the terms and conditions of the County's Agreement shall be considered a part of a Vendor's solicitation response and will be considered by the Evaluation Committee.

1. The applicable Agreement terms and conditions for this solicitation are indicated in the **Special Instructions to Vendors**.
2. Vendors are required to review the applicable terms and conditions and submit the **Agreement Exception Form**. The completed form should be submitted with the solicitation response. If not submitted with solicitation response, it shall be deemed an affirmation by the Vendor that it accepts the contract terms and conditions stated in the solicitation.

- b. If exceptions are taken, the Vendor must specifically identify each term and condition with which it is taking an exception. Any exception not specifically listed is deemed waived. Simply identifying a section or article number is not sufficient to state an exception. Provide either a redlined version of the specific change(s) or specific proposed alternative language. Additionally, a brief justification specifically addressing each provision to which an exception

is taken should be provided.

- c. Submission of any exceptions to the Agreement does not denote acceptance by the County. Furthermore, taking exceptions to the County's terms and conditions may be viewed unfavorably by the Evaluation Committee and ultimately may impact the overall evaluation of a Vendor's submittal.

E. Cone of Silence

1. The Board of County Commissioners updated provisions of the Cone of Silence Ordinance, Section 1-266, of the Broward County Code of Ordinances, effective as of April 1, 2022.
2. The County's Cone of Silence Ordinance prohibits all communications, oral or written, relating to a competitive solicitation among vendors/vendor representatives, County Staff, and Commissioner Offices while the Cone is in effect. Communications with Purchasing Division employees, the solicitation's designated Project Manager(s) or designee(s), the Office of Economic and Small Business Development (OESBD) Small Business Development Specialist Supervisor (954) 357-6400, and others as specifically identified in the Cone of Silence Ordinance are permitted. Additionally, communication is permitted at pre-bid conferences and negotiation meetings, as applicable.
3. The Cone of Silence begins upon the advertisement of an ITB, RFP, RFQ, or RLI. The Cone of Silence terminates when the solicitation is awarded, all responses are rejected, or the Board takes other action which ends the solicitation.
4. Any violations of the Code of Silence Ordinance by any vendor/vendor representative, may be reported to the County's Professional Standards/Human Rights Section. If the County's Professional Standards/Human Rights Section determines that a violation has occurred, a fine shall be imposed as provided in the Broward County Code of Ordinances. At the sole discretion of the Broward County Board of County Commissioners, a violation may void an award of the applicable competitive solicitation.
5. Review the Cone of Silence Ordinance, [Section 1-266](#) of the Broward County Code of Ordinances, for more detailed information.

F. Evaluation Criteria

1. The Evaluation Committee will evaluate Vendors as per the **Evaluation Criteria**. The County reserves the right to obtain additional information from a Vendor.
2. Unless the Evaluation Criteria is identified in the solicitation as an Additional Responsiveness or Responsibility Requirement (i.e., Special Instructions to Vendors, e.g., pricing, certifications, etc.), a Vendor's failure to respond to evaluation criteria will not be considered a matter of responsiveness or responsibility. Vendors that fail to submit any information and/or documentation required by an evaluation criteria will not be evaluated or scored for the corresponding evaluation criteria.
3. The County is not required to request, consider, or analyze Vendor's Evaluation Criteria responses received after the solicitation response due date; however, the County reserves the right to obtain clarifying information from a Vendor in writing for the Evaluation Committee.
4. For Request for Proposals - the following shall apply:
 - a. The Director of Purchasing may recommend to the Evaluation Committee to short list the most qualified firms prior to the Final Evaluation.

- b. The Evaluation Criteria identifies points available; a total of 100 points is available.
 - c. If the Evaluation Criteria includes a request for pricing, the total points awarded for price is determined by applying the following formula:
$$\frac{(\text{Lowest Proposed Price/Vendor's Price}) \times (\text{Maximum Number of Points for Price})}{1} = \text{Price Score}$$
 - d. After completion of scoring, the County may negotiate pricing as in its best interest.
5. For Requests for Letters of Interest or Request for Qualifications - the following shall apply:
- a. The Evaluation Committee will create a short list of the most qualified firms.
 - b. The Evaluation Committee will either:
 - i. Rank shortlisted firms; or
 - ii. If the solicitation is part of a two-step procurement, shortlisted firms will be requested to submit a response to the Step Two procurement.

G. Demonstrations

Refer to **Special Instructions to Vendors** if Demonstrations are applicable. Vendors determined to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable), will be required to demonstrate the nature of their offered solution. After receipt of solicitation responses, all Vendors will receive a description of, and arrangements for, the desired demonstration. All Vendors will have equal time for demonstrations, but the question-and-answer time may vary.

In accordance with Section 286.0113, Florida Statutes, and pursuant to the direction of the Broward County Board of Commissioners, demonstrations are closed to only the Vendor's team and County staff.

H. Presentations

Vendors that are determined to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) will have an opportunity to make an oral presentation to the Evaluation Committee on the Vendor's approach to this project and the Vendor's ability to perform. The committee may provide a list of subject matter for the discussion. All Vendor's will have equal time to present but the question-and-answer time may vary.

In accordance with Section 286.0113 of the Florida Statutes, and the direction of the Broward County Board of Commissioners, presentations during Evaluation Committee Meetings are closed. Only the Evaluation Committee members, County staff and the vendor and their team scheduled for that presentation will be present in the meeting during the presentation and subsequent question and answer period. Subconsultants partnering with multiple prime vendors may only be present during one presentation/question and answer session.

I. Public Art and Design Program

If indicated in Special Instructions to Vendors, Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, applies to this project. It is the intent of the County to functionally integrate art, when applicable, into capital projects and integrate artists' design concepts into this improvement project. The Vendor may be required to collaborate with the artist(s) on design development within the scope of this request. Artist(s) shall be selected by

Broward County through an independent process. For additional information, contact the Broward County Cultural Division.

J. Evaluation Committee Meetings

Evaluation Committee Meetings are posted on Broward County's [Sunshine Meetings](#) website.

K. Committee Appointment

The committee members appointed for this solicitation are available on the Purchasing Division's website under [Committee Appointment](#).

L. Committee Questions, Request for Clarifications, Additional Information

1. At any committee meeting, the Evaluation Committee members may ask questions, request clarification, or require additional information of any Vendor's submittal or proposal. It is highly recommended Vendors attend to answer any committee questions (if requested), including a Vendor representative that has the authority to bind.
2. Vendor's answers may impact evaluation (and scoring, if applicable). Upon written request to the Purchasing Agent prior to the meeting, a conference call number will be made available for Vendor participation via teleconference. Only Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) are requested to participate in a final (or presentation) Evaluation Committee meeting.

M. Vendor Questions

The County provides a specified time for Vendors to ask questions and seek clarification regarding solicitation requirements. All questions or clarification inquiries must be submitted electronically through Periscope S2G by the Question & Answer due date and time specified in the solicitation document (including any addenda). The County will respond to questions electronically through Periscope S2G.

N. Confidential Material/ Public Records and Exemptions

1. Broward County is a public agency subject to Chapter 119, Florida Statutes. Upon receipt, all submittals become "public records" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes. Submittals may be posted on the County's public website or included in a public records request response unless there is a declaration of "confidentiality" pursuant to the public records law and in accordance with the procedures in this section.
2. Any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as "Confidential" and marked with the specific statute and subsection asserting exemption from Public Records. Electronic media, including flash drives, must also comply with this requirement and separate any files claimed to be confidential.
3. To submit confidential material, at least one copy (in print or electronic format) must be submitted in a sealed envelope, labeled "Confidential Matter" with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division 115
South Andrews Avenue, Room 212 Fort
Lauderdale, FL 33301

4. Any materials that the Vendor claims to be confidential and exempt from public records must be marked and separated from the submittal. If the Vendor does not comply with these instructions, the Vendor's claim for confidentiality will be deemed as waived.
5. Submitting confidential material may impact full discussion of your submittal by the Evaluation Committee because the Committee will be unable to discuss the details contained in the documents cloaked as confidential at the publicly noticed Committee meeting.

O. Copyrighted Materials

Copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Submission of copyrighted material in response to any solicitation will constitute a license and permission for the County to use, reproduce, and publish (including both hard copy and electronic copies) as reasonably necessary for the evaluation of the solicitation response by County staff and agents, as well as to make the materials available for inspection or production pursuant to Public Records Law, Chapter 119, Florida Statutes.

P. State and Local Preferences

If the solicitation involves a federally funded project where the fund requirements prohibit the use of state and/or local preferences, such preferences contained in the Local Preference Ordinance and Broward County Procurement Code will not be applied in the procurement process.

Q. Local Preference

The following local preference provisions shall apply except where otherwise prohibited by federal or state law or other funding source restrictions.

For all competitive solicitations in which objective factors used to evaluate the responses from vendors are assigned point totals:

- a. Five percent (5%) of the available points (for example, five points of a total 100 points) shall be awarded to each locally based business and to each joint venture composed solely of locally based businesses, as applicable;
- b. Three percent (3%) of the available points shall be awarded to each locally based subsidiary and to each joint venture that is composed solely of locally based subsidiaries, as applicable; and
- c. For any other joint venture, points shall be awarded based upon the respective proportion of locally based businesses and locally based subsidiaries' equity interests in the joint venture.

If, upon the completion of final rankings (technical and price combined, if applicable) by the Evaluation Committee, a nonlocal vendor is the highest ranked vendor and one or more Local Businesses (as defined by Section 1-74 of the Broward County Code of Ordinances) are within five percent (5%) of the total points obtained by the nonlocal vendor, the highest ranked Local Business shall be deemed to be the highest ranked vendor overall, and the County shall

proceed to negotiations with that vendor. If impasse is reached, the County shall next proceed to negotiations with the next highest ranked Local Business that was within five percent (5%) of the total points obtained by the nonlocal vendor, if any.

Refer to Section 1-75 of the Broward County Local Preference Ordinance and the **Location Certification Form** for further information.

R. Tiebreaker Criteria

In accordance with Section 21.42(d) of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation.

In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. Location Certification Form;
2. Domestic Partnership Act Certification;
3. Tiebreaker Criteria Form: Volume of Payments Over Five Years

S. Posting of Solicitation Results and Recommendations

The Broward County Purchasing Division's website is the location for the County's posting of all solicitations and recommendation for award and recommendation of rankings. It is the obligation of each Vendor to monitor the website in order to obtain complete and timely information.

T. Review and Evaluation of Responses

An Evaluation Committee is responsible for recommending the most qualified Vendor(s). The process for this procurement may proceed in the following manner:

1. The Purchasing Division delivers the solicitation submittals to agency staff for summarization for the committee members. Agency staff prepares a report, including a matrix of responses submitted by the Vendors. This may include a technical review, if applicable. If a demonstration is required, County will appoint a Technical Review Team ("TRT") to view all Vendor demonstrations. The TRT will be comprised of County staff with specific subject matter expertise. The TRT will review all Vendor demonstrations for compliance with the Demonstration Script. The Project Manager will compile the results of each Vendor's demonstration into a final

TRT Report. The TRT Report will be distributed to the Evaluation Committee members prior to the Final Evaluation Meeting.

2. A solicitation may only be awarded to a vendor whose submission is responsive to the requirements of the solicitation. The Director of Purchasing shall determine whether submissions are responsive. For solicitations in which an Evaluation Committee has been appointed, the Director of Purchasing's determination regarding responsiveness is not binding on the Evaluation Committee, which may accept or reject such determination but must state with specificity the basis for any rejection thereof.
3. The Evaluation Committee, with assistance of the Purchasing Division and based on information provided by the applicable County Agencies and the Office of the County

Attorney, shall determine whether vendors who have submitted responsive submissions are responsible. Notwithstanding the foregoing, the awarding authority for a solicitation shall have the ultimate authority to determine whether vendors who have submitted responsive submissions are responsible. When making determinations of responsibility, the Director of Purchasing or the Evaluation Committee (as applicable) may request additional information from any vendor on matters that may affect a vendor's responsibility. The failure of a vendor to provide information requested by the County may result in a determination of non- responsibility. In addition, a vendor may submit information regarding its responsibility; provided, however, that such information shall not be considered if it contradicts or materially alters the information provided by the vendor in its original response to the solicitation.

U. Vendor Protest

Part X of the Broward County Procurement Code sets forth procedural requirements that apply if a Vendor intends to protest a solicitation or proposed award of a contract and states in part the following:

1. Any written protest concerning the specifications or requirements of a solicitation (or of any addenda thereto) must be received by the Director of Purchasing within five (5) business days after the applicable solicitation (or addenda) is posted on the Purchasing Division's website.
2. Any written protest concerning a proposed award or ranking must be received by the Director of Purchasing within five (5) business days after the proposed award or ranking is posted on the Purchasing Division's website.
3. Calculation of Days. Unless otherwise expressly stated, all references to "days" mean calendar days between the hours of 8:30 a.m. and 5:00 p.m., excluding days that are County holidays. All references to "business days" mean Monday through Friday between the hours of 8:30 a.m. and 5:00 p.m., excluding days that are County holidays. In calculating time periods, the day of the event that triggers the time period shall be excluded from the calculation (for example, objections to a ranking must be filed within three (3) business days after the ranking is posted, so an objection to a ranking posted on a Monday must be filed no later than 5:00 p.m. on Thursday). Failure to file a written protest so that it is received by the Director of Purchasing within the timeframes set forth in Part X of the Broward County Procurement Code shall constitute a waiver of the right to protest. A protest submitted to anyone other than the Director of Purchasing shall not be a valid protest.
4. Except as to any protest of the specifications or requirements of a solicitation, as a condition of initiating any protest, the protestor must, concurrently with filing the protest, pay a filing fee for the purpose of defraying the costs in administering the protest in accordance with the scheduled provided below. The filing fee shall be refunded if the protestor prevails in the protest. Failure to timely pay the required filing fee shall render the protest invalid.

<u>Estimated Contract Amount</u>	<u>Filing Fee</u>
Mandatory Bid Amount up to \$250,000	\$500
\$250,000 - \$500,00	\$1,000
\$500,001 - \$5 million	\$3,000

Over \$5 million

\$5,000

The estimated contract amount shall be the total bid amount offered by the protesting vendor in its response to the solicitation, inclusive of any contract renewals or extensions. If no bid amount was submitted by the protestor, the estimated contract amount shall be the County's estimated contract price for the procurement. The County will accept a filing fee in the of a money order, certified check, or cashier's check, payable to "Broward County," or other manner of payment approved by the Director of Purchasing.

V. Right To Appeal

The protestor may appeal the Director of Purchasing's denial of the protest with respect to the proposed award of a solicitation in accordance with Part XII of the Broward County Procurement Code. Decisions by the Director of Purchasing with respect to the specifications or requirements of a solicitation may only be appealed to the County Administrator or their designee, who shall determine the method, timing, and process of the appeal and whose decision shall be final.

1. The appeal must be received by the Director of Purchasing within ten (10) days after the date of the determination being appealed.
2. The appeal must be accompanied by an appeal bond by a Vendor having standing to protest and must comply with all other requirements of Part XII of the Broward County Procurement Code.
3. Except as otherwise provided by law, the filing of an appeal is an administrative remedy that must be exhausted prior to the filing of any civil action against the County concerning any subject matter that, had an appeal been filed, could have been addressed as part of the appeal.

W. Rejection of Responses

The Director of Purchasing may reject all responses to a solicitation, even when only one response is received, if the Director of Purchasing determines that doing so would be in the best interest of the County; provided, however, that only the Board may reject all responses to a solicitation where the issuance of the solicitation was approved by the Board.

X. Negotiations

Once a ranking is deemed final, the County shall commence contract negotiations with the top-ranked vendor (or, if provided in the solicitation, with multiple top-ranked vendors simultaneously). If the negotiation does not result in mutually satisfactory contract terms within a reasonable time, as determined by the Director of Purchasing, then the Director of Purchasing may terminate negotiations with the applicable vendor and commence (or continue, if the solicitation provided for negotiation with multiple top-ranked vendors) negotiations with the next- ranked vendor(s) or issue a new solicitation, as the Director of Purchasing determines to be in the best interest of the County.

Y. Submittal Instructions:

1. Broward County does not require any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, driver license numbers, passport, military ID, bank account or credit card numbers, or any personal pin numbers, in order to submit a response for ANY Broward County solicitation. DO NOT INCLUDE any personal information data in any document submitted to the County. If any

personal information data is part of a submittal, this information must be redacted prior to submitting a response to the County.

2. Vendor MUST submit its solicitation response electronically through Periscope S2G and MUST confirm its solicitation response in order for the County to receive a valid response through Periscope S2G. It is the Vendor's sole responsibility to assure its response is submitted and received through Periscope S2G by the date and time specified in the solicitation.

3. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and the time specified in the solicitation. In the event that the Vendor is having difficulty submitting the solicitation response electronically through Periscope S2G, immediately notify the Purchasing Agent and then contact Periscope S2G for technical assistance.
4. Vendor must view, submit, and/or accept each of the documents in Periscope S2G. Web-fillable forms can be filled out and submitted through Periscope S2G.
5. After all documents are viewed, submitted, and/or accepted in Periscope S2G, the Vendor must upload additional information requested by the solicitation (i.e. Evaluation Criteria and Financial Statements) in the Item Response Form in Periscope S2G, under line one (regardless if pricing requested). Evaluation Criteria responses should be non-locked file format.
6. If the Vendor is declaring any material confidential and exempt from Public Records, refer to Confidential Material/ Public Records and Exemptions for instructions on submitting confidential material.
7. After all files are uploaded, Vendor must submit and CONFIRM its offer (by entering password) for offer to be received electronically through Periscope S2G.
8. If a solicitation requires an original Proposal Bond (per Special Instructions to Vendors), Vendor must submit in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division 115
South Andrews Avenue, Room 212 Fort
Lauderdale, FL 33301

9. A copy of the Proposal Bond should also be uploaded into Periscope S2G; this does not replace the requirement to have an original proposal bond. Vendors must submit the original Proposal Bond, by the due date and time specified in the solicitation.

Revised June 15, 2023

Supplier: Loop Capital Markets LLC

**Procurement Preferences for
Broward County Small Business Enterprises and County Business Enterprises**

This should be returned with the Vendor's submittal and will be used for informational purposes.

In accordance with Broward County Ordinance, Section 1.81, non-reserved solicitations (for certified Small Business Enterprises (SBEs) or County Business Enterprises (CBEs) and solicitations without any assigned CBE goals, a responding Broward County certified SBE or CBE may be eligible for a procurement preference, in accordance with below:

For Invitations to Bid and Quotation Requests:

If a responsive, responsible bid is received from a certified CBE or SBE that is within ten percent (10%) of the lowest responsive, responsible bid received from a non-certified (SBE or CBE) firm, the SBE or CBE (as applicable) shall be offered the opportunity to match the lowest responsive, responsible bid. If the SBE or CBE firm (as applicable) is responsive and responsible, and matches the lowest responsive, responsible bid, the CBE or SBE firm shall be recommended for award.

For Request for Proposals:

If upon the completion of final rankings by the Evaluation Committee, a non-certified proposer is the highest-ranked proposer, and a responsive, responsible SBE or CBE proposer receives a score that is within five percent (5%) of the score obtained by the non-certified proposer, the highest-ranked responsive, responsible SBE or CBE proposer shall be considered the highest-ranked proposer and shall have the opportunity to proceed to negotiations with the County for award of the contract.

Vendor should indicate below if the firm is a currently certified Broward County SBE and/or CBE firm. If the firm does not indicate it is an SBE or CBE, preference may not be applied based on information received but certification will be verified in the Broward County OESBD [Certified Firm Directory](#). Vendor must be certified at time of solicitation opening (due date).

This does not substitute for certification or application for certification.

- ☐ Firm is a Broward County certified SBE.
- ☐ Firm is a Broward County certified CBE
- ☒ Firm is not a Broward County certified SBE or CBE

Vendor Name **Loop Capital Markets LLC**

For questions regarding the Broward County SBE and CBE certifications, please contact Office of Economic and Small Business Development at 954-357-6400.

Revised May 1, 2021

Supplier: Loop Capital Markets LLC

VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS
Request for Proposals, Request for Qualifications, or Request for Letters of Interest

The completed form, including acknowledgment of the standard certifications and should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's written request. Failure to timely submit may affect Vendor's evaluation.

If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number. The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name: **Loop Capital Markets LLC**
2. Doing Business As/ Fictitious Name (if applicable): **N/A**
3. Federal Employer I.D. no. (FEIN): **364164012**
4. Dun and Bradstreet No.: **79-999-2755**
5. Website address (if applicable): **Loopcapital.com**
6. Principal place of business address: **111 W. Jackson Blvd., Suite 1901
Chicago, IL 60604**
7. Office location responsible for this project: **88 Pine St., 25th Fl.
New York, NY 10005**
8. Telephone no.: **312-913-4900** Fax no.: **312-896-9037**
9. Type of business (check appropriate box):

Corporation (specify the state of incorporation:	<input type="checkbox"/>
Sole Proprietor	<input type="checkbox"/>
Limited Liability Company (LLC)	<input checked="" type="checkbox"/>
Limited Partnership	<input type="checkbox"/>
General Partnership (State and County Filed In)	<input type="checkbox"/>
Other – Specify	<input type="checkbox"/>

10. List [Florida Department of State, Division of Corporations](#) document number (or registration number if fictitious name):

11. List name and title of each principal, owner, officer, and major shareholder:

- a) **James Reynolds, Jr.**
- b)

- c)
- d)

12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: **Stephen Berkeley**

Title: **CCO and Regulatory Counsel**

E-mail: **stephen.berkeley@loopcapital.com**

Telephone No.: **312-913-2225**

Name:

Title:

E-mail:

Telephone No.:

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted. ☐ Yes ☒ No
15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No
16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response. ☒ Yes ☐ No
17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
18. Has your firm's surety ever intervened to assist in the completion of a contract of have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety. ☐ Yes ☒ No
19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response. ☐ Yes ☒ No
20. Has your ever been terminated from a contract within the last three years? If yes, specify details in an attached written response. ☐ Yes ☒ No
21. Living Wage solicitations only: In determining what, if any, fiscal impact(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.
- Living Wage had an effect on the pricing. ☐ Yes ☐ No ☒ N/A
- If yes, Living Wage increased the pricing by: %.

22. Participation in Solicitation Development:

☒ I have not participated in the preparation or drafting of any language, scope, or specification that would provide my firm or any affiliate an unfair advantage of securing this solicitation that has been let on behalf of Broward County Board of County Commissioners.

☐ I have provided information regarding the specifications and/or products listed in this solicitation that has been let on behalf of Broward County Board of County Commissioners.

If this box is checked, provide the following: Name of Person the information was provided:

Title:

Date information provided:

For what purpose was the information provided?

Drug-Free Workplace Requirements Certification:

Section 21.23(f) of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program.

- ☒ The Vendor hereby certifies that it has established a drug free workplace program in accordance with the requirements of Section 1-71, et. Seq., of the Broward County Code of Ordinances (Procurement From Businesses With Drug-Free Workplace Program).

Non-Collusion Certification:

Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward County officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. Failure of a Vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the Broward County Procurement Code.

The Vendor hereby certifies that: (select one)

- ☒ The Vendor certifies that this offer is made independently and free from collusion; or
- ☐ The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

Public Entities Crimes Certification:

In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract: to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

- ☒ The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

Scrutinized Companies List Certification:

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor hereby certifies that: (check each box)

- ☒ The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- ☒ The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- ☒ If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

/s/ Stephen Berkeley
*AUTHORIZED SIGNATURE/NAME

CCO and Regulatory Counsel
TITLE

8/7/2023
DATE

Vendor Name: Loop Capital Markets LLC

* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to PART XI of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

Supplier: Loop Capital Markets LLC

LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION

The completed should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

- ☒ It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.
- ☐ It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

/s/ Stephen Berkeley
Authorized Signature/Name

Loop Capital Markets LLC
Vendor Name

CCO & Regulatory Counsel
TITLE

8/7/2023
DATE

Revised May 1, 2021

Supplier: Loop Capital Markets LLC

DOMESTIC PARTNERSHIP ACT CERTIFICATION

The Domestic Partnership Act, Sections 16 ½ - 150 through 16 ½ -165, Broward County Code of Ordinances (the "Act") requires any Vendors contracting with the County, in an amount over \$100,000 provide benefits to registered domestic partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Act.

Refer to applicable section below based on solicitation type. Failure to submit this form by stated timeframes will deem the Vendor nonresponsive to the solicitation or ineligible for the Domestic Partnership tiebreaker, as applicable.

For Invitation for Bids:

The completed and signed form should be returned with the Vendor's submittal. If not provided with the submittal, the Vendor must submit this form within three business days after County's request. A Vendor shall be deemed non-responsive for failure to fully comply within stated timeframes.

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For the solicitation types referenced in this section, this form can be used for multiple purposes. For solicitations that contain Competitive Consultants' Negotiation Act (CCNA) requirements, this form will be used for tiebreaker criterion only.

1. Domestic Partnership Responsiveness Requirement

If Domestic Partnership is a requirement of the solicitation (refer to Special Instructions to Vendors), this completed and signed form should be returned with the Vendor's submittal. If not provided with the submittal, the Vendor must submit this form within three business days after County's request. A Vendor shall be deemed non-responsive for failure to fully comply within stated timeframes.

2. Domestic Partnership Tiebreaker

To be eligible for the Domestic Partnership tiebreaker, **the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at the time of solicitation submittal.** Vendors who fail to comply with this submittal deadline will not be eligible for the Domestic Partnership tiebreaker.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Sections 16-½ -150 through 16 ½ - 165, Broward County Code of Ordinances; and certifies the following: (check only one below).

- ☒ 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners (as defined in the Act) of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and for the duration of the contract by providing benefits to Domestic Partners (as defined in the Act) of its employees on the same basis as it provides benefits to employees' spouses.
- ☐ 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.

- ☐ 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: (check only one below).

- ☐ The Vendor employs less than five (5) employees.
- ☐ The Vendor does not provide benefits to employees' spouses.
- ☐ The Vendor is a governmental entity.
- ☐ The Vendor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated, supervised, or controlled by or in conjunction with a religious organization, association, or society.
- ☐ The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
- ☐ The Vendor cannot comply with the provisions of the Domestic Partnership Act because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. (Indicate the law, statute or regulation and attach explanation of its applicability).

/s/ Stephen Berkeley

CCO &
Counsel

Regulatory

Loop Capital
Markets LLC

8/7/2023

Authorized Signature/Name

Title

Vendor

Date

Revised January 24, 2023

Supplier: Loop Capital Markets LLC**LITIGATION HISTORY FORM**

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- ☒ There are no material cases for this Vendor; or
☐ Material Case(s) are disclosed below:

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/> Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/> If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: Email: Telephone Number:

Vendor Name: Loop Capital Markets LLC

Revised May 1, 2021

Supplier: Loop Capital Markets LLC

CRIMINAL HISTORY SCREENING PRACTICES CERTIFICATION FORM

The completed and signed form should be returned with Vendor's submittal. If Vendor does not provide it with the submittal, Vendor must submit the completed and signed form within three business days after County's request. Vendor shall be deemed nonresponsive for failure to fully comply within stated timeframes.

Section 26-125(d) of the Broward County Code of Ordinances ("Criminal History Screening Practices") requires that a Vendor seeking a contract in the amount of \$100,000 or more with Broward County shall certify that it has implemented, or will implement upon award of the contract, policies, practices, and procedures regarding inquiry into the criminal history of an applicant for employment, including a criminal history background check of any such person, that preclude inquiry into an applicant's criminal history until the applicant is selected as a finalist and interviewed for the position. The requirement in the preceding sentence shall apply only to positions located within the United States that will foreseeably perform work under a contract with Broward County. The failure of Vendor to comply with Section 26-125(d) at any time during the contract term shall constitute a material breach of the contract, entitling Broward County to pursue any remedy permitted under the contract and any other remedy provided under applicable law. If Vendor fails to comply with Section 26-125(d) at any time during the contract term, Broward County may, in addition to all other available remedies, terminate the contract and Vendor may be subject to debarment or suspension proceedings consistent with the procedures in Chapter 21 of the Broward County Administrative Code.

By signing below, Vendor certifies that it is aware of the requirements of Section 26-125(d), Broward County Code of Ordinances, and certifies the following: (check only one below).

☐ Vendor certifies that, for positions located within the United States that will foreseeably perform work under a contract with Broward County, it has implemented, or will implement upon award of the contract, policies, practices, and procedures regarding inquiry into the criminal history of an applicant for employment, including a criminal history background check of any such person, that preclude inquiry into an applicant's criminal history until the applicant is selected as a finalist and interviewed for the position.

☒ Vendor is exempt from the requirements of Section 26-125(d) of the Broward County Code of Ordinances because Vendor is required by applicable federal, state, or local law to conduct a criminal history background check in connection with potential employment at a time or in a manner that would otherwise be prohibited by this section, or because Vendor is a governmental agency.

AUTHORIZED SIGNATURE/ NAME: /s/ Stephen Berkeley

VENDOR NAME: Loop Capital Markets LLC

TITLE: CCO and Regulatory Counsel

DATE: 08/07/2023

Revised June 17, 2022

Supplier: Loop Capital Markets LLC

AGREEMENT EXCEPTION FORM

The completed form(s) should be submitted with the solicitation response. If not submitted with solicitation response, it shall be deemed an affirmation by the Vendor that it accepts contract terms and conditions stated in the solicitation.

The Vendor must provide on the form below, any and all exceptions it takes to the contract terms and conditions stated in the solicitation, including all proposed modifications to the contract terms and conditions or proposed additional terms and conditions. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

There are no exceptions to the contract terms and conditions state in this solicitation; or



The following exceptions are taken to the contract terms and conditions state in this solicitation:
(use additional forms as needed; separate each Article/ Section number)



Term or Condition Article / Section	Insert proposed modifications to the contract terms and conditions or proposed additional terms and condition	Provide brief justification for proposed modifications

Vendor Name: Loop Capital Markets LLC

Revised May 1, 2021

Supplier: Loop Capital Markets LLC

AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION

The completed form should be submitted with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may result in Vendor being deemed non-responsive.

- a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.
- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Development Program, including County Business Enterprise (CBE), Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE) goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

- ☒ No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"
- ☐ Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: **/s/ Stephen Berkeley**

Title: **CCO and Regulatory Counsel**

Vendor Name: **Loop Capital Markets LLC**

Date: **08/07/2023**

Revised 11/24/2021

Supplier: Loop Capital Markets LLC

LOCATION CERTIFICATION

Refer to applicable sections for submittal instructions. Failure to submit required forms or information by stated timeframes will deem vendor ineligible for local preference or location tiebreaker.

Broward County [Code of Ordinances, Section 1-74](#), et seq., provides certain preferences to Local Businesses, Locally Based Businesses, and Locally Based Subsidiaries, and the [Broward County Procurement Code](#) provides location as the first tiebreaker criteria. Refer to the ordinance for additional information regarding eligibility for local preference.

For Invitation for Bids:

To be eligible for the Local Preference best and final offer ("BAFO") and location tiebreaker, the Vendor **must** submit this fully completed form and a copy of its Broward County local business tax receipt **at the same time it submits its bid. Vendors who fail to comply with this submittal deadline will not be eligible for either the BAFO or the location tiebreaker.**

For Request for Proposals (RFPs), Request for Letters of Interest (RLIs), or Request for Qualifications (RFQs):

For Local Preference eligibility, the Vendor **should** submit this fully completed form and all Required Supporting Documentation (as indicated below) at the time Vendor submits its response to the procurement solicitation. If not provided with submittal, the Vendor **must** submit within three business days after County's written request. Failure to submit required forms or information by stated timeframes will deem the Vendor ineligible for local preference.

To be eligible for the location tiebreaker, the Vendor **must submit this fully completed form and a copy of its Broward County local business tax receipt at the same time it submits its response.** Vendors who fail to comply with this submittal deadline will not be eligible for the location tiebreaker.

The undersigned Vendor hereby certifies that (check the box for only one option below):

☐ **Option 1:** The Vendor is a **Local Business**, but does not qualify as a **Locally Based Business** or a **Locally Based Subsidiary**, as each term is defined by [Section 1-74, Broward County Code of Ordinances](#). The Vendor further certifies that:

- A. It has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
- i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - ii. in an area zoned for the conduct of such business,
 - iii. that the Vendor owns or has the legal right to use, and
 - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location").

If Option 1 selected, indicate **Local Business Location**:

☐ **Option 2:** The Vendor is both a **Local Business** and a **Locally Based Business** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained, for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),

- i. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - ii. in an area zoned for the conduct of such business,
 - iii. that the Vendor owns or has the legal right to use, and
 - iv. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation as so defined, the "Local Business Location");
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. Less than fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the owned, directly or indirectly, by one or more entities with a principal place of business Vendor located outside of Broward County is .

If Option 2 selected, indicate **Local Business Location**:

☐ **Option 3:** The Vendor is both a **Local Business** and a **Locally Based Subsidiary** as each term is defined by Section 1-74, Broward County Code of Ordinances. The Vendor further certifies that:

- A. The Vendor has continuously maintained:
- i. for at least the one (1) year period immediately preceding the bid posting date (i.e., the date on which the solicitation was advertised),
 - ii. a physical business address located within the limits of Broward County, listed on the Vendor's valid business tax receipt issued by Broward County (unless exempt from business tax receipt requirements),
 - iii. in an area zoned for the conduct of such business,
 - iv. that the Vendor owns or has the legal right to use, and
 - v. from which the Vendor operates and performs on a day-to-day basis business that is a substantial component of the goods or services being offered to Broward County in connection with the applicable competitive solicitation (as so defined, the "Local Business Location");
- B. The Local Business Location is the primary business address of the majority of the Vendor's employees as of the bid posting date, and/or the majority of the work under the solicitation, if awarded to the Vendor, will be performed by employees of the Vendor whose primary business address is the Local Business Location;
- C. The Vendor's management directs, controls, and coordinates all or substantially all of the day-to-day activities of the entity (such as marketing, finance, accounting, human resources, payroll, and operations) from the Local Business Location;
- D. The Vendor has not claimed any other location as its principal place of business within the one (1) year period immediately preceding the bid posting date; and
- E. At least fifty percent (50%) of the total equity interests in the business are owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County. The Vendor certifies that the total equity interests in the Vendor owned, directly or indirectly, by one or more entities with a principal place of business located outside of Broward County is .

If Option 3 selected, indicate **Local Business Location**:

- ☐ **Option 4:** The Vendor is a **joint venture** composed of one or more Local Businesses, Locally Based Businesses, or Locally Based Subsidiaries, as each term is defined by Section 1-74, Broward County Code of Ordinances. Fill in blanks with percentage equity interest or list "N/A" if section does not apply. The Vendor further certifies that:

- A. The proportion of equity interests in the joint venture owned by **Local Business(es)** (each Local Business must comply with all of the requirements stated in Option 1) is % of the total equity interests in the joint venture; and/or
- B. The proportion of equity interests in the joint venture owned by **Locally Based Business(es)** (each Locally Based Business must comply with all of the requirements stated in Option 2) is % of the total equity interests in the joint venture; and/or
- C. The proportion of equity interests in the joint venture owned by **Locally Based Subsidiary(ies)** (each Locally Based Subsidiary must comply with all of the requirements stated in Option 3) is % of the total equity interests in the joint venture.

If Option 4 selected, indicate the Local Business Location(s) (es) on separate sheet.

- ☒ **Option 5:** Vendor is not a Local Business, a Locally Based Business, or a Locally Based Subsidiary, as each term is defined by Section 1-74, Broward County Code of Ordinances.

Required Supporting Documentation (in addition to this form): Option 1 or 2 (**Local Business or Locally Based Business**):

- 1. Broward County local business tax receipt.

Option 3 (Locally Based Subsidiary)

- 1. Broward County local business tax receipt.
- 2. Documentation identifying the Vendor's vertical corporate organization and names of parent entities if the Vendor is a Locally Based Subsidiary.

Option 4 (joint venture composed of one or more Local Business(es), Locally Based Business(es), or Locally Based Subsidiary(ies):

- 1. Broward County local business tax receipt(s) for each Local Business(es), Locally Based Business(es), and/or Locally Based Subsidiary(ies).
- 2. Executed joint venture agreement, if the Vendor is a joint venture.
- 3. If joint venture is comprised of one or more Locally Based Subsidiary(ies), submit documentation identifying the vertical corporate organization and parent entities name(s) of each Locally Based Subsidiary.

If requested by County (any option):

- 1. Written proof of the Vendor's ownership or right to use the real property at the Local Business Location.
- 2. Additional documentation relating to the parent entities of the Vendor.
- 3. Additional documentation demonstrating the applicable percentage of equity interests in the joint venture, if not shown in the joint venture agreement.
- 4. Any other documentation requested by County regarding the location from which the activities of the Vendor are directed, controlled, and coordinated.

By submitting this form, the Vendor certifies that if awarded a contract, it is the intent of the Vendor to remain at the Local Business Location address listed below (or another qualifying Local Business Location within Broward County) for the duration of the contract term, including any renewals or extensions. (If nonlocal Vendor, leave Local Business Location blank.)

Indicate Local Business Location:

True and Correct Attestations:

Any misleading, inaccurate, or false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as authorized by

the Broward County Procurement Code. The Vendor understands that, if after contract award, the County learns that any of the information provided by the Vendor on this was false, and the County determines, upon investigation, that the Vendor's provision of such false information was willful or intentional, the County may exercise any contractual right to terminate the contract. The provision of false or fraudulent information or documentation by a Vendor may subject the Vendor to civil and criminal penalties.

AUTHORIZED SIGNATURE/NAME: /s/ Stephen Berkeley

TITLE: CCO and Regulatory Counsel

VENDOR NAME: Loop Capital Markets LLC

DATE: 08/07/2023

Revised May 1, 2021

Supplier: Loop Capital Markets LLC**VOLUME OF PREVIOUS PAYMENTS ATTESTATION
FORM**

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).

Points assigned for Volume of Previous Payments will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.41(h)(4) and 21.42(d)(3) of the Broward County Procurement Code, the Vendor with the lowest dollar volume of payments previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.						
2.						
3.						
4.						
5.						
6.						
7.						

Grand Total 0 0

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes ☐ No ☒

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

Vendor Name: Loop Capital Markets LLC

/s/ Ray Lawson
Authorized Signature/Name

Senior Vice President
Title

8/8/2023
Date

VOLUME OF PREVIOUS PAYMENTS ATTESTATION FORM FOR JOINT VENTURE

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture.

Points assigned for Volume of Previous Payments will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.41(h)(4) and 21.42(d)(3) of the Broward County Procurement Code, the Vendor with the lowest dollar volume of payments previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

The Vendor attests to the following:

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							

Grand Total

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

Vendor Name:

Authorized Signature/Name

Title

Date

Revised May 1, 2021

Supplier: Loop Capital Markets LLC

Summary of Vendor Rights Regarding Broward County Competitive Solicitations

The purpose of this document is to provide vendors with a summary of their rights to object to or protest a proposed award or recommended ranking of vendors in connection with Broward County competitive solicitations. These rights are fully set forth in the Broward County Procurement Code, available here: <https://www.broward.org/purchasing>.

1. Right to Object

For Requests for Proposals (RFP), Requests for Qualifications (RFQ) or Requests for Letters of Interest (RLI), vendors may object in writing to a proposed recommendation of ranking made by an Evaluation Committee. Objections must be filed within three (3) business days after the proposed recommendation of ranking (if applicable) is posted on the Purchasing Division's website. The written objection must comply with the requirements stated in Section 21.42(h) of the Procurement Code. Failure to timely and fully meet any requirement will result in the loss of a right to object.

2. Right to Protest

For Invitations to Bid (ITBs), RFP, RFQ, and RLIs, vendors may protest the specifications or requirements of a solicitation (or of any addenda). Protests must be received in writing by the Director of Purchasing within five (5) business days after the applicable solicitation (or addenda) is posted on the Purchasing Division's website.

For ITBs, vendors may protest a recommendation for award made by the Broward County Purchasing Division. For RFPs, RFQs, and RLIs, vendors may protest a final recommendation of ranking made by an Evaluation Committee. In all cases, protests must be filed in writing within five (5) business days after a recommended ranking or recommendation for award is posted on the Purchasing Division's website.

Any protest must comply with requirements stated in Part X of the Procurement Code, including a filing fee (if applicable). Failure to timely and fully meet any requirement will result in a loss of protest rights.

Vendors may appeal the denial of a protest. Section 21.81 of the Procurement Code identifies all other matters that may be appealed. Appeals may require payment of an appeal bond. Appeals must comply with requirements stated in Part XII of the Procurement Code. Failure to timely and fully meet any requirement will result in a loss of appeal rights.

Cone of Silence:

The Board of County Commissioners recently updated provisions of the Cone of Silence Ordinance, Section 1-266, of the Broward County Code of Ordinances, effective as of April 1, 2022.

The County's Cone of Silence Ordinance prohibits all communications, oral or written, relating to a competitive solicitation among vendors/vendor representatives, County Staff, and Commissioner Offices while the cone is in effect. Communications with Purchasing Division employees, the solicitation's designated Project Manager(s) or designee(s), the Office of Economic and Small Business (OESBD) Small Business Development Specialist Supervisor (954-357-6400), and others as specifically identified in the Cone of Silence Ordinance are permitted. Additionally, communication is permitted at pre-bid conferences and negotiation meetings, as applicable.

The Cone of Silence begins upon the advertisement of an ITB, RFP, RFQ, or RLI. The Cone of Silence terminates when the solicitation is awarded, all responses are rejected, or the Board takes other action which ends the solicitation.

Any violations of the Code of Silence Ordinance by any vendor/vendor representative, may be reported to the County's Professional Standards/Human Rights Section. If the County's Professional Standards/Human Rights Section determines that a violation has occurred, a fine shall be imposed as provided in the Broward County Code of Ordinances. At the sole discretion of the Broward County Board of County Commissioners, a violation may void an award of the applicable competitive solicitation.

Review the Cone of Silence Ordinance, Section 1-266 of the Broward County Code of Ordinances, for more detailed information.

Updated: April 1, 2022