

### Summary of Annual Bond Sale Report For Fiscal Year 2017-18

Closing Date	Par Amount (\$000)	Bond Issue / Bond Series	Lead and Co-Lead Manager(s) (if applicable) or Placement Agent / Purchaser <sup>(1)</sup>	Participation by MWBE Counsels <sup>(2)</sup>	MWBE Counsel <sup>(2)</sup> Fees	Participation by MWBE Underwriters <sup>(3)</sup>	Total % of Designations to MWBE Firms <sup>(4)</sup>	Type of Bonds/Sale	Credit Enhancer/ Type	TIC or Swap Rate <sup>(5)</sup>	MMD Index <sup>(6)</sup>	Applicable Rate <sup>(7)</sup>	Initial Interest Rate	SIFMA Index <sup>(8)</sup>	Underwriter's Spread <sup>(9)</sup> or Private Placement Agent Fee <sup>(1)</sup> (\$)
BOND ISSU	ES SOLD														
12/22/17	\$32,911	Bronx-Lebanon Hospital Center Private Placement Revenue Bonds, Series 2017	Roosevelt & Cross Incorporated / TD Bank	Yes	\$33,000	No <sup>(10)</sup>	NA	Tax Exempt Term Rate (P)	None	3.60%	2.10%	NA	NA	NA	\$82,278
12/27/17	\$20,720	Cerebral Palsy Affiliates Program (Jawonio, Inc.) Private Placement Revenue Bonds, Series 2017A	Gates Capital Corporation / Oppenheimer Funds	Yes	\$32,500	No <sup>(10)</sup>	NA	Tax Exempt Fixed Rate (P)	None	5.51%	2.68%	NA	NA	NA	\$259,000
05/26/17	\$34,915	Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017A and Series 2017B (Federally Taxable)	Gates Capital Corporation / Oppenheimer Funds	Yes	\$54,000	No <sup>(10)</sup>	NA								\$436,438
		Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017A (\$34,590,000)						Tax Exempt Fixed Rate (P)	None	5.38%	2.80%	NA	NA	NA	
		Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017B (\$325,000) (Federally Taxable)						Taxable Fixed Rate (P)	None	6.04%	NA	1.30%	NA	NA	
10/26/17	\$12,035	Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A and Series 2017B (Federally Taxable)	Gates Capital f Corporation / Oppenheimer Funds	Yes	\$32,500	No <sup>(10)</sup>	NA								\$150,438
		Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A (\$11,190,000)						Tax Exempt Fixed Rate (P)	None	5.34%	2.78%	NA	NA	NA	
		Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017B (\$845,000) (Federally Taxable)						Taxable Fixed Rate (P)	None	6.17%	NA	2.30%	NA	NA	



Closing Date	Par Amount (\$000)	Bond Issue / Bond Series	Lead and Co-Lead Manager(s) (if applicable) or Placement Agent / Purchaser <sup>(1)</sup>	Participation by MWBE Counsels <sup>(2)</sup>	MWBE Counsel <sup>(2)</sup> Fees	Participation by MWBE Underwriters <sup>(3)</sup>	Total % of Designations to MWBE Firms <sup>(4)</sup>	Type of Bonds/Sale	Credit Enhancer/ Type	TIC or Swap Rate <sup>(5)</sup>	MMD Index <sup>(6)</sup>	Applicable Rate <sup>(7)</sup>	Initial Interest Rate	SIFMA Index <sup>(8)</sup>	Underwriter's Spread <sup>(9)</sup> or Private Placement Agent Fee <sup>(1)</sup> (\$)
12/21/17	\$78,050	Fordham University Revenue Bonds, Series 2017	Morgan Stanley	Yes	\$45,000	No <sup>(10)</sup>	NA	Tax Exempt Fixed Rate (N)	None	2.95%	2.43%	NA	NA	NA	\$321,856
08/24/17	\$17,145	InterAgency Council Pooled Loan Program Revenue Bonds, Series 2017A	Municipal Capital Markets Group, Inc	Yes	\$35,000	No <sup>(10)</sup>	NA								
		InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2017A-1 (\$16,190,000)						Tax Exempt Fixed Rate (N)	None	3.26%	2.68%	NA	NA	NA	\$332,246
		InterAgency Council Pooled Loan Program Revenue Bonds, Subseries 2017A-2 (\$955,000) (Federally Taxable)						Taxable Fixed Rate (N)	None	2.93%	NA	1.52%	NA	NA	\$84,099
06/28/17	\$51,000	Jewish Theological Seminary of America Private Placement Revenue Bonds, Series 2017	NA / TD Bank	Yes	\$40,000	No <sup>(10)</sup>	NA	Tax Exempt Term Rate (P)	None	2.94%	2.37%	NA	NA	NA	NA
08/23/17	\$10,530	Master BOCES Program Lease Refunding Revenue Bonds (Nassau County BOCES Issue), Series 2017	M&T Securities, Inc.	Yes	\$75,000	No <sup>(10)</sup>	NA	Tax Exempt Fixed Rate (N)	None	1.93%	2.03%	NA	NA	NA	\$49,649
12/20/17	\$294,420	Memorial Sloan Kettering Cancer Center Revenue Bonds, 2017 Series 1	Goldman, Sachs & Co. and J.P. Morgan Securities LLC	Yes	\$25,000	No	NA	Tax Exempt Fixed Rate (N)	None	3.40%	2.68%	NA	NA	NA	\$1,613,118
06/01/17	\$678,005	New York University Revenue Bonds, Series 2017A and Series 2017B	Wells Fargo Securities and J.P. Morgan Securities LLC	Yes	\$22,500	Yes	2.19%								
		New York University Revenue Bonds, Series 2017A (\$450,170,000)						Tax Exempt Fixed Rate (N)	None	3.22%	2.92%	NA	NA	NA	\$1,128,993
		New York University Revenue Bonds, Series 2017B (\$227,835,000) (Taxable)						Taxable Fixed Rate (N)	None	3.94%	NA	2.99%	NA	NA	\$693,944
07/13/17	\$1,750,395	Personal Income Tax Revenue Bonds (General Purpose), Series 2017A	Morgan Stanley, Jefferies, Siebert Cisneros Shank & Co., LLC	Yes	\$35,000	Yes	31.27%	Tax Exempt Fixed Rate (C)	None	2.89%	2.66%	NA	NA	NA	\$7,323,197

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Closing Date	Par Amount (\$000)	Bond Issue / Bond Series	Lead and Co-Lead Manager(s) (if applicable) or Placement Agent / Purchaser <sup>(1)</sup>	Participation by MWBE	MWBE Counsel <sup>(2)</sup> Fees	Participation by MWBE Underwriters <sup>(3)</sup>	Total % of Designations to MWBE Firms <sup>(4)</sup>	Type of Bonds/Sale	Credit Enhancer/ Type	TIC or Swap Rate <sup>(5)</sup>	MMD Index <sup>(6)</sup>	Applicable Rate <sup>(7)</sup>	Initial Interest Rate	SIFMA Index <sup>(8)</sup>	Underwriter's Spread <sup>(9)</sup> or Private Placement Agent Fee <sup>(1)</sup> (\$)
10/13/17	\$1,667,125	Personal Income Tax Revenue Bonds (General Purpose), Series 2017B, Series 2017C and Series 2017D (Federally Taxable)		Yes	\$62,563										\$2,822,782
		Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Bidding Group 1) (\$566,975,000)	Goldman Sachs & Co. Inc.	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	1.76%	2.82%	NA	NA	NA	
		Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Bidding Group 2) (\$514,385,000)	Bank of America Merrill Lynch	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.19%	2.82%	NA	NA	NA	
		Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (Bidding Group 3) (\$528,830,000)	Morgan Stanley	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.79%	2.82%	NA	NA	NA	
		Personal Income Tax Revenue Bonds (General Purpose), Series 2017C (\$22,355,000)	Roosevelt & Cross Inc.	Yes		No <sup>(11)</sup>	NA	Tax Exempt Tax Credit Fixed Rate (C)	None	2.94%	2.76%	NA	NA	NA	
		Personal Income Tax Revenue Bonds (General Purpose), Series 2017D (\$34,580,000) (Federally Taxable)	JP Morgan Securities LLC	Yes		No <sup>(11)</sup>	NA	Taxable Fixed Rate (C)	None	1.85%	NA	1.60%	NA	NA	
08/03/17	\$100,445	Rockefeller University Private Placement Revenue Bonds, Series 2017A	NA / TD Bank	No	NA	No <sup>(10)</sup>	NA	Tax Exempt Variable Rate (P)	None	NA	NA	NA	1.36%	0.79%	NA
12/28/17	\$42,580	St. John's University Revenue Bonds, Series 2017A	Morgan Stanley	Yes	\$25,000	No <sup>(10)</sup>	NA	Tax Exempt Fixed Rate (N)	None	2.79%	2.34%	NA	NA	NA	\$229,338
07/27/17	\$1,380,550	Sales Tax Revenue Bonds, Series 2017A (Bidding Groups A-C) and Series 2017B (Federally Taxable)		Yes	\$40,000										\$2,029,408
		Sales Tax Revenue Bonds, Series 2017A (Bidding Group A) (\$334,065,000)	RBC Capital Markets	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	2.00%	2.74%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2017A (Bidding Group B) (\$463,445,000)	Jefferies LLC	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.44%	2.74%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2017A (Bidding Group C) (\$510,555,000)	BofA Merrill Lynch	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.76%	2.74%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2017B (\$72,485,000) (Federally Taxable)	Citigroup Global Markets Inc	Yes		No <sup>(11)</sup>	NA	Taxable Fixed Rate (C)	None	1.70%	NA	2.27%	NA	NA	



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03/23/18	\$1,329,725	Sales Tax Revenue Bonds, Series 2018A (Bidding Groups 1-4) and Series 2018B (Federally Taxable)		Yes	\$80,000										\$2,080,004
		Sales Tax Revenue Bonds, Series 2018A (Bidding Group 1) (\$171,695,000)	Goldman Sachs & Co. LLC	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	2.40%	3.07%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2018A (Bidding Group 2) (\$364,825,000)	BofA Merrill Lynch	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.52%	3.07%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2018A (Bidding Group 3) (\$349,090,000)	BofA Merrill Lynch	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.99%	3.07%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2018A (Bidding Group 4) (\$377,710,000)	BofA Merrill Lynch	Yes		No <sup>(11)</sup>	NA	Tax Exempt Fixed Rate (C)	None	3.98%	3.07%	NA	NA	NA	
		Sales Tax Revenue Bonds, Series 2018B (\$66,405,000) (Federally Taxable)	Wells Fargo National Association	Yes		No <sup>(11)</sup>	NA	Taxable Fixed Rate (C)	None	2.60%	NA	2.84%	NA	NA	
06/18/17	\$302,510	School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A-E	RBC Capital Markets and Raymond James	Yes	\$87,500	Yes	4.56%								
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (\$92,135,000)						Tax Exempt Fixed Rate (N)	Assured Guaranty/ Partial Bond Insurance	2.76%	2.80%	NA	NA	NA	\$613,871
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017B (\$131,050,000)						Tax Exempt Fixed Rate (N)	Assured Guaranty/ Partial Bond Insurance	3.08%	3.00%	NA	NA	NA	\$866,931
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017C (\$39,485,000)						Tax Exempt Fixed Rate (N)	Assured Guaranty/ Partial Bond Insurance	2.74%	2.61%	NA	NA	NA	\$257,417
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017D (\$22,150,000)						Tax Exempt Fixed Rate (N)	None	2.76%	2.61%	NA	NA	NA	\$140,572
07/12/17		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017E (\$17,690,000)						Tax Exempt Fixed Rate (N)	Build America Mutual/ Partial Bond Insurance	2.54%	2.37%	NA	NA	NA	\$106,714



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11/09/17	\$299,180	School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F-J	RBC Capital Markets/ Roosevelt & Cross Incorporated	Yes	\$151,000	Yes	3.28%								
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (\$159,065,000)						Tax Exempt Fixed Rate (N)	Build America Mutual/ Partial Bond Insurance	2.17%	2.73%	NA	NA	NA	\$1,029,012
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017G (\$116,745,000)						Tax Exempt Fixed Rate (N)	Build America Mutual/ Partial Bond Insurance	2.12%	2.73%	NA	NA	NA	\$730,262
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017H (\$11,680,000)						Tax Exempt Fixed Rate (N)	None	3.00%	2.75%	NA	NA	NA	\$76,347
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017I (\$8,895,000)						Tax Exempt Fixed Rate (N)	Build America Mutual/ Partial Bond Insurance	2.40%	2.24%	NA	NA	NA	\$57,853
		School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017J (\$2,795,000)						Tax Exempt Fixed Rate (N)	None	1.71%	1.50%	NA	NA	NA	\$19,604
08/30/17	\$15,767	Silvercrest Center for Nursing and Rehabilitation Private Placement Revenue Bonds, Series 2017	NA / TD Bank	Yes	\$60,000	No <sup>(10)</sup>	NA	Tax Exempt Term Rate	None	2.94%	1.86%	NA	NA	NA	NA
04/27/17	\$344,665	State University of New York Dormitory Facilities Revenue Bonds, Series 2017A	Siebert Cisneros Shank & Co, LLC / BofA Merrill Lynch	Yes	\$25,000	Yes	33.97%	Tax Exempt Fixed Rate (N)	None	3.15%	2.85%	NA	NA	NA	\$1,583,980
12/28/17	\$64,015	Touro College and University Obligated Group Revenue Bonds,	Stifel	Yes	\$51,215	No <sup>(10)</sup>	NA	Tax Exempt Fixed Rate (N)	None	4.41%	2.62%	NA	NA	NA	\$805,077

NONE

### June 20,2018

<sup>(1)</sup> For Private Placement Bonds.

<sup>(2)</sup> Includes Bond Counsel, Underwriter Counsel and Co-Counsels.

<sup>(3)</sup> Includes Lead Manager, Co-Lead Managers, Co-Senior Managers, Co-Managers and Selling Group Members.

<sup>(4)</sup> Designations apply to institutional orders paid to Lead Manager, Co-Lead Managers, Co-Senior Managers, Co-Managers and Selling Group Members.

<sup>(5)</sup> Synthetic fixed rate through Swap.

<sup>(6)</sup> Thomson Reuters. Municipal Yield Curve - 'AAA' match maturity at time of sale.

<sup>(7)</sup> Thomson Reuters. Applicable treasury rate based on term of bond such as 5-year, 10-year, 20-year treasury rates or London InterBank Offered Rate (LIBOR) based on maturity at time of sale.

<sup>(8)</sup> Securities Industry & Financial Markets Association Municipal Swap Index Rate at time of sale.

 $^{(9)}$  Includes Management Fee, Takedown, Expenses and Underwriter Counsel Fees.

 $^{\left( 10\right) }$  Sole underwriter selected by private client or private placement bond issuance.

<sup>(11)</sup> Competitive sale.



DASNY

Key:	
(C) -	Competitive Issue
(N) -	Negotiated Issue
(P) -	Private Placement Issue
DPL	OC - Direct Pay Letter of Credit
MME	) - Municipal Market Data Index
MWE	3E - Minority and Women Owned Businesses Enterprises
N/A ·	- not applicable
SIFN	A - Securities Industry and Financial Markets Association Index
TIC ·	True Interest Cost



# **Individual Bond Sale Summaries**

### \$32,911,000

### Bronx-Lebanon Hospital Center Private Placement Revenue Bonds, Series 2017

### Program: Hospitals

Purpose: Private Placement / Refunding

### The Institution

Bronx-Lebanon Hospital Center serves as part of the largest voluntary, not-for-profit health care system serving the South and Central Bronx. The Hospital is a 593-bed teaching hospital composed of two major divisions (Fulton and Concourse). Bronx-Lebanon Hospital Center provides medical, surgical, obstetric, pediatric and psychiatric inpatient acute care services, as well as emergency care and ambulatory and clinic services to residents of the Bronx.

### **Purpose of Issue**

The Series 2017 Bonds were issued to advance refund DASNY's Bronx-Lebanon Hospital Center Revenue Bonds, Series 2009.

### **New Issue Details**

Sale Date:	December 21, 2017	
BPA Signed:	December 21,2017	
Bond Closing:	December 22,2017	
Type of Sale:	Private Placement	
Type of Bonds:	Tax Exempt Term Rate	e
	(Fixed Rate of Interest	for 10 Years)
Conversion Date	: December 22, 2027	
Final Maturity:	December 1, 2032	
True Interest Co	st 3.60%	Net Interest Cost 3.57%
Municipal Marke	t Data <sup>1</sup> 2.10%	Conversion Date Yield 2.95%
Ratings		
Moody's: NR	S & P: NR	Fitch: NR

### Placement Agent/Purchaser

Placement Agent: Roosevelt & Cross, Incorporated Purchaser: TD Bank, NA

	IWBE Participation
Burgher Gray Jaffe LLP Co-Bond Counsel	\$33,000

### Savings Analysis

PV Savings: \$7,705,317	% of PV Savi	ngs: 24.61%
Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>
Bank Fees	\$ 112,175	\$ 112,175
Co-Bond Counsel: Locke Lord LLP	77,000	60,685
Co-Bond Counsel: Burgher Gray Jaffe LLP	<sup>4</sup> 33,000	33,000
Construction Consultant	25,000	0
DASNY Fee	150,000	150,000
Escrow Counsel:		
Buchanon Ingersoll & Rooney	2,000	2,000
Escrow Agent: US Bank, N.A.	1,500	1,500
Institution Counsel: Garfunkel Travis Wild	90,000	115,303
Miscellaneous	71	0
Placement Agent: Roosevelt & Cross, Inc.	82,278	82,278
Purchaser Counsel: Harris Beach, LLC	85,000	85,000
TEFRA	4,453	4,453
Title Insurance	70,312	69,952
Trustee: US Bank, N.A.	1,500	1,500
Trustee Counsel:		
Buchanon Ingersoll & Rooney	2,000	2,000
Verification Agent	5,000	5,000
Total	\$ 741,289	\$ 724,846

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 12/22/17.

<sup>2</sup> Estimated at closing.

<sup>3</sup> Paid as of 3/31/18.

<sup>4</sup> MWBE firm.

### **Bond Allocation**

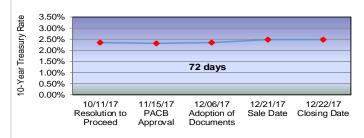


Bank (100%)

### **Market Conditions**

The transaction consisted of one series of 15-year tax-exempt bonds which were privately placed with TD Bank (the "Bank"). The Bank may tender the bonds in 2027, 10 years after the issuance. The bonds will bear interest at a fixed rate of 3.52% for a term of 10 years. The Municipal Market was slightly stronger with the 10-year and the 30-year MMD both decreasing by two basis points to yield 2.10% and 2.68%, respectively. U.S. Treasuries were slightly stronger as well with the 10-year remaining steady at 2.48% and 30-year yield decreasing by one basis point to a yield of 2.83%.

### **Performance Metrics**



### Days to Market

Goal: 90-120 Days

Actual Days to Market: 72 Days

### Pricing

This transaction was a private placement and the rate was based on TD Bank's credit assessment.



### \$20,720,000

Cerebral Palsy Affiliates Program (Jawonio, Inc.) Private Placement Revenue Bonds, Series 2017A

Program: Other Independent Institutions

Purpose: Private Placement / New Money

### The Institution

Jawonio, Inc. ("Jawonio" or the "Borrower") was organized in 1947 as the Cerebral Palsy Society of Rockland County, providing outpatient treatment for people with neuromuscular and other similar disabilities. Jawonio is an affiliate of CP of NYS and provides services in Rockland, Westchester, and Orange Counties.

### Purpose of Issue

The Series 2017 Bonds were issued to finance the construction of an approximately 69,000 square foot facility to serve as Jawonio's new health center and headquarters.

### **New Issue Details**

Sale Date:	December 22, 2017	
BPA Signed:	December 22, 2017	
Bond Closing:	December 27, 2017	
Type of Sale:	Private Placement	
Type of Bonds:	Tax Exempt Fixed Rate	
Final Maturity:	December 1, 2047	
True Interest Cos	st 5.51%	Net Interest Cost 5.48%
Municipal Marke	t Data <sup>1</sup> 2.68 %	Final Maturity Yield 5.50%
Ratings		
Moody's: NR	S & P: NR	Fitch: NR

### Placement Agent/Purchaser

Placement Agent: Gates Capital Corporation Purchaser: Oppenheimer Funds

MWBE Participa	tion	
Ahmad Zaffarese LLC Co-Bond Counsel		\$32,500
Costs of Issuance <sup>2</sup>	Estimated <sup>3</sup>	<u>Actual<sup>4</sup></u>
Co-Bond Counsel: Harris Beach	\$92,500	\$ 0
Co-Bond Counsel: Ahmad Zaffarese <sup>5</sup>	32,500	32,500
DASNY Fee	125,000	125,000
Placement Agent: Gates Capital Corp	259,000	259,000
Placement Agent Counsel: Trespasz & Marquardt LLP	22,800	22,800
Trustee: M&T	1,700	1,700
Trustee Counsel: Hodgson Russ	3,500	3,500
Total	\$537,000	\$444,500
Non-DASNY Series 2017B Taxable COI <sup>6</sup> Total with 2017B Non-DASNY	420,000 \$957,000	<u>332,001</u> \$776,501

### **Bond Allocation**

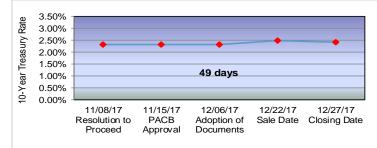


<sup>&</sup>lt;sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 12/22/17.

### **Market Conditions**

Oppenheimer Funds (the "Purchaser") purchased the Series 2017A bonds through a \$20,720,000, tax-exempt, private placement. The fixed rate bonds were priced based upon the credit review of the Purchaser. The Series 2017A bonds have a December 1, 2047 final maturity with rates ranging from 4.625% to 5.500%. Treasury yields were mixed on the day, with the 2-year note up two basis points to 1.91%, the 10-year treasury unchanged at 2.48%, and the 30-year treasury down one basis point to 2.83%. On the day of the sale 10-year and 30-year triple-A MMD were each down two basis points to 2.10% and 2.68%, respectively.

### **Performance Metrics**



### **Days to Market**

Goal: 90-120 Days

Actual Days to Market: 49 Days

### Pricina

This transaction was a private placement and the rate was based on Oppenheimer Funds' credit assessment.



<sup>5</sup> MWBE firm.

<sup>6</sup> At Jawonio's request, DASNY took in non-DASNY Series 2017B proceeds, deposited the proceeds into the DASNY 2017A costs of issuance account, and paid costs of issuance associated with the non-DASNY Series 2017B bonds



<sup>&</sup>lt;sup>2</sup> Jawonio issued, on its own, non-DASNY Series 2017B bonds to pay off a bank loan and certain costs of issuance. <sup>3</sup> Estimated at closing.

### Cerebral Palsy Affiliates Program (United Cerebral Palsy Associations of New York State, Inc.) Private Placement Revenue Bonds, Series 2017A (\$34,590,000) and 2017B (\$325,000) (Federally Taxable)

Program: Other Independent Institutions

Purpose: Private Placement / New Money

### The Institution

United Cerebral Palsy Associations of New York State, Inc. works with the State to enhance the quality of life for people with disabilities and their families. In addition to functioning as the statewide coordinator of the 24 UCP affiliates, the Institution also operates an extensive array of programs and services to individuals with developmental disabilities and their families through its Metropolitan Services division.

### **Purpose of Issue**

The Series 2017 Bonds were issued to finance and renovate a condominium unit located at 40 Rector Street, NY, NY and for the refinancing of a building located at 174 Java Street, Brooklyn NY.

### **New Issue Details**

Sale Date:	May 26, 2017	
BPA Signed:	May 26, 2017	
Bond Closing:	May 26, 2017	
Type of Sale:	Private Placement	
Series 2017A		
Type of Bond	ds: Tax Exempt Fixed Ra	ate
Final Maturity	: September 1, 2050	
True Interest		Net Interest Cost 5.35%
Municipal Ma	arket Data <sup>1</sup> 2.80%	Final Maturity Yield 5.38%
Series 2017B (Ta	axable)	
Type of Bond	ds: Taxable Fixed Rate	
	y: September 1, 2019	
True Interest		Net Interest Cost 6.00%
Treasury Rat	e <sup>2</sup> 1.30%	Final Maturity Yield 6.00%
Ratings		
Moody's: NR	S & P: NR	Fitch: NR

### **Placement Agent/Purchaser**

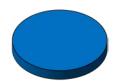
Placement Agent: Gates Capital Corporation Purchaser: Oppenheimer Funds

MWBE Participa	ation	
D. Seaton and Associates, P.A., P.C. Co-Bond Counsel		\$54,000
Costs of Issuance	Estimated <sup>3</sup>	Actual <sup>4</sup>
Co-Bond Counsel: Squire Patton Boggs	\$126,000	\$126,000
D. Seaton and Associates <sup>5</sup>	54,000	54,000
Borrower Counsel:		
Garigliano Law Offices LLP	89,000	67,500
DASNY Fee	125,000	125,000
Contingency	20,000	0
Placement Agent	436,438	436,438
Placement Agent Counsel	62,500	62,500
Printing	5,000	0
Purchaser Counsel: Kevin Wetmore, Esc	ı. 50,000	50,000
TEFRA	5,160	5,160
Title Insurance	160,000	150,655
Trustee: US Bank NA	300	300
Trustee Counsel:		
Buchanan Ingersoll & Rooney PC	4,000	4,000
Total	\$1,137,398	\$1,081,553

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 05/26/17.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: STEPHEN KOSIER (518) 257-3157

### **Bond Allocation**

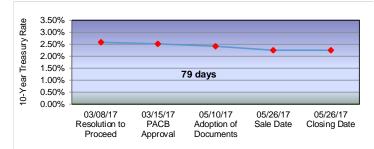


Bond Funds (100%)

### **Market Conditions**

Oppenheimer Funds (the "Purchaser") purchased the Series 2017A bonds through a \$34,590,000, tax-exempt, private placement and purchased the Series 2017B bonds through a \$325,000, taxable, private placement. Each series of bonds is a fixed rate based upon the credit review of the Purchaser. The Series 2017A bonds have a September 1, 2050 final maturity with rates ranging from 4.875% to 5.375%. The Series 2017B bonds have a September 1, 2019 final maturity at a rate of 6.000%. On the day of the sale 10-year triple-A MMD fell one basis point to 1.95% and 30-year triple-A MMD decreased two basis points to 2.80%. Treasuries remained steady on the day, with the 2-year note at 1.30%, the 10-year treasury at 2.25%, and the 30-year treasury at 2.92%.

### **Performance Metrics**



### Days to Market

Goal: 90-120 Days	Actual Days to Market: 79 Days
Pricing	

This transaction was a private placement and the rate was based on Oppenheimer Funds' credit assessment.

<sup>3</sup> Estimated at closing.

<sup>4</sup> Paid as of 3/31/18. <sup>5</sup> MWBE firm.

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NEW YORK STATE OF OPPORTUNITY.

<sup>&</sup>lt;sup>2</sup> Thomson Reuters. 2-Year Treasury as of 05/26/17.

### \$12,035,000

### Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A-1 and Series 2017A-2 (\$11,190,000) and Series 2017B (\$845,000) (Federally Taxable)

Program: Other Independent Institutions

Purpose: Private Placement / New Money / Refinancing

### The Institution

United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc. (d/b/a Hudson Valley Cerebral Palsy Association) is a notfor-profit voluntary agency formed in July 2002 to provide services to persons with disabilities previously served by the United Cerebral Palsy Associations of New York State, Inc. The Institution addresses the needs of developmentally disabled individuals and their families by providing, promoting, and assisting in the establishment of residential, educational, training, treatment, and rehabilitation facilities throughout the Hudson Valley.

### **Purpose of Issue**

The Series 2017 Bonds were issued to refund the Putnam County IDA Variable Rate Civic Facility Series 2005A and 2005B bonds, refinance taxable indebtedness and finance capital improvements to certain Institution facilities.

Breakdown Series 2017A Series 2017B (Taxable)	<u>New Money</u> \$ 350,000 \$  0	
New Issue DetailsSale Date:October 26BPA Signed:October 26Bond Closing:October 26Type of Sale:Private PlanSeries 2017APrivate Plan	, 2017 , 2017	
Type of Bonds: Tax E Final Maturity: Octob True Interest Cost 5.34% Municipal Market Data <sup>1</sup> 2 Series 2017B (Taxable)	ber 1, 2042 2.78%	ate Net Interest Cost 5.32% Final Maturity Yield 5.38%
Type of Bonds: Taxab Final Maturity: Octob True Interest Cost 6.17% Treasury Rate <sup>2</sup> 2.30% Ratings	er 1, 2024	Net Interest Cost 6.13% Final Maturity Yield 6.13%
-	S & P: NR	Fitch: NR

### Placement Agent/Purchaser

Placement Agent: Gates Capital Corporation Purchaser: Oppenheimer Funds

MWBE Participation	on
Ahmad Zaffarese LLC Co-Bond Counsel	\$32,500

Costs of Issuance	Estimated <sup>3</sup>	<u>Actual<sup>4</sup></u>
Co-Bond Counsel: Harris Beach	\$92,500	\$92,500
Co-Bond Counsel: Ahmad Zaffarese <sup>5</sup>	32,500	32,500
Borrower Counsel: Hogan & Rossi	20,221	33,971
DASNY Fee	125,000	125,000
Miscellaneous	16,650	500
Placement Agent: Gates Capital Corp	150,438	150,438
Placement Agent Counsel:	45,000	45,000
Trespasz & Marquardt LLP		
Prior bond professional fees	61,273	47,028
Purchaser Counsel: Kevin Wetmore, Esq.	60,000	60,000
Surveys	5,830	5,830
TEFRA	10,080	10,080
Title	42,500	41,463
Trustee: M&T	3,400	3,400
Trustee Counsel: Hodgson Russ	7,000	7,000
Total	\$672,392	\$654,710

### **Bond Allocation**



### **Market Conditions**

Oppenheimer Funds (the "Purchaser") purchased the Series 2017A bonds through a \$11,190,000 tax-exempt private placement and purchased the Series 2017B bonds through an \$845,000 taxable private placement. Each Series of bonds bear a fixed rate based upon the credit review of the Purchaser. The Series 2017A bonds have an October 1, 2050 final maturity with rates ranging from 4.625% to 5.375%. The Series 2017B bonds have an October 1, 2024 final maturity at a rate of 6.125%. On the day of the sale 10-year triple-A MMD and 30-year triple-A MMD each increased two basis points to 2.02% and 2.84%, respectively. Treasury yields increased on the day, with the 2-year note up two basis points to 1.63%, the 10-year treasury up two basis points to 2.46%, and the 30-year treasury up one basis point to 2.96%.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: STEPHEN KOSIER (518) 257-3157 <sup>3</sup> Estimated at closing. <sup>4</sup> Paid as of 3/31/18.

<sup>5</sup> MWBE firm.



<sup>&</sup>lt;sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 10/26/17.

<sup>&</sup>lt;sup>2</sup> Thomson Reuters. 7-Year Treasury– 'AAA' as of 10/26/17.

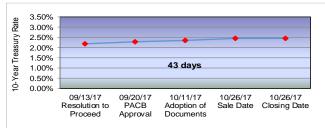
### \$12,035,000

Cerebral Palsy Affiliates Program (United Cerebral Palsy Association of Putnam and Southern Dutchess Counties, Inc.) Private Placement Revenue Bonds, Series 2017A-1 and Series 2017A-2 (\$11,190,000) and Series 2017B (\$845,000) (Federally Taxable)

Program: Other Independent Institutions

Purpose: Private Placement / New Money / Refinancing

### **Performance Metrics**



### Days to Market

Goal: 90-120 Days

Actual Days to Market: 43 Days

### Pricing

This transaction was a private placement and the rate was based on Oppenheimer Funds' credit assessment.



### \$78,050,000 Fordham University Revenue Bonds, Series 2017

Program: Independent Colleges and Universities

### The Institution

The University is an independent, coeducational, nonsectarian, not-forprofit institution of higher education with campuses located in the Bronx and Lincoln Center in mid-town Manhattan.

### Purpose of Issue

The Series 2017 Bonds were issued to refund DASNY's outstanding Fordham University Revenue Bonds Series 2011A.

### **New Issue Details**

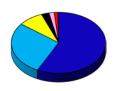
otanio		
December 14, 20	17	
December 15, 20	17	
December 21, 20	17	
Negotiated		
Tax Exempt Fixed	d Rate	
July 1, 2036		
Cost 2.95%	N	let Interest Cost 3.23%
ket Data <sup>1</sup> 2.43%	Fina	al Maturity Yield 3.09%
	S & P: A	Fitch: NR
	December 15, 20 December 21, 20 Negotiated Tax Exempt Fixed July 1, 2036 Cost 2.95%	Tax Exempt Fixed Rate July 1, 2036 Cost 2.95% N ket Data <sup>1</sup> 2.43% Fina

#### Underwriter

Lead Manager: Morgan Stanley

MWBE Participation			
D. Seaton and Associates, P.A., P.C. Co-Bond Counsel		\$45,000	
Underwriter's Spread	<u>\$/1000</u>	Amount	
Management Fee	\$ 0	\$ 0	
Average Takedown	3.25	253,663	
Expenses	0.11	8,194	
Underwriter's Counsel:			
Katten Muchin Rosenman LLP	77	60,000	
Total Underwriter's Discount	\$4.12	\$321,856	
Savings Analysis			
PV Savings: \$8,590,223	% of PV Sav	ings: 10.30%	

### **Bond Allocation**



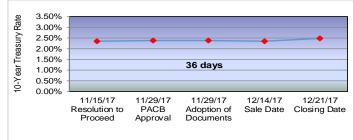
Bond Funds (57%)
Money Managers (28%)
Insurance (9%)
Arbitrage/Hedge Funds (3%)
Commercial Banks (2%)
■Retail (1%)
■Trusts (<1%)

**Costs of Issuance** Estimated<sup>2</sup> Actual<sup>3</sup> Auditor \$ 29,000 \$29,000 Co-Bond Counsel: Squire Patton Boggs 102.509 105,000 Co-Bond Counsel: D. Seaton and Assoc.<sup>4</sup> 45,000 45,000 DASNY Fee 125,000 125,000 **Disclosure Fee** 10,000 10,000 Escrow Agent: Bank of NY Mellon 1,500 1,500 Escrow Agent Counsel: Buchanan Ingersol & Rooney 2 500 2 500 Escrow Bidding Agent 4,000 2,491 Institution Counsel: 70,000 70,000 Bond Schoeneck & King Miscellaneous 4,250 4,000 Printing 6,500 3,771 Rating Agencies 90.825 90.825 5,796 TEFRA 5,796 Trustee: Bank of NY Mellon 1,000 1,000 Trustee Counsel: **Buchanan Ingersoll & Rooney** 1,000 1,000 Underwriter's Discount 321,856 321,856 Verification Agent 3,000 3,000 Total \$826.227 \$819,248

### **Market Conditions**

The municipal bond market experienced heavy volume during December as issuers looked to price and close transactions before yearend prior to potential federal tax law changes. While market participants awaited the final details of the proposed federal tax bill, volume approached nearly \$25 billion during the week of December 11th with approximately \$8 billion of bonds priced on December 14<sup>th</sup>. Munis were stronger on the day of pricing with the 10-year triple-A MMD yield falling two basis points to 1.99% and the 30-year dropping four basis points to 2.57%. The Bonds were structured with serial bond maturities ranging from 2022 to 2036 and were originally priced between 15 and 70 basis points above triple-A MMD. The 7/1/22 maturity was initially priced with a 5.00% coupon to yield 1.75% while the 7/1/36 maturity was priced with a 4.00% coupon to yield 3.17%. The underwriter had a strong book of business with oversubscriptions for all maturities, ranging from two times to 11 times. As a result, yields were lowered between three and 10 basis points across all maturities. Following final pricing adjustments, the yield on the 7/1/22 maturity was lowered to 1.72% and the yield on the 7/1/36 maturity was lowered to 3.09%. The issue had an all-in-TIC of 3.01%.

### Performance Metrics



### Days to Market

Goal: 90-120 Days

Actual Days to Market: 36 Days

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 12/14/17

<sup>2</sup> Estimated at closing.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: DAVID OSTRANDER (518) 257-3164 <sup>3</sup> Paid as of 3/31/18. <sup>4</sup> MWBE firm.

> NEW YORK STATE OF OPPORTUNITY.

### \$78,050,000 Fordham University Revenue Bonds, Series 2017

Program: Independent Colleges and Universities

Purpose: Refunding

### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.



Purpose: New Money

### \$17,145,000 InterAgency Council Pooled Loan Program Revenue Bonds, Series 2017A (\$16,190,000 Subseries 2017A-1 and \$955,000 Subseries 2017A-2 Federally Taxable)

Program: Other Independent Institutions

### The Institution

The organization is a not-for-profit membership organization voluntarily supported by 150 not-for-profit service provider agencies that conduct business primarily in the City of New York metropolitan area, but also throughout the State.

5	Subseries	Subseries	
Participants	<u>2017A-1</u>	<u>2017A-2</u>	Total
General Human Outreach in the Community Incorporated	\$1,315,000	\$60,000	\$1,375,000
HASC Center, Inc.	1,870,000	90,000	1,960,000
Human Care Services for Families	2,465,000	420,000	2,885,000
& Children, Inc.			
Life's W.O.R.C., Inc.	3,885,000	155,000	4,040,000
New Horizons Resources, Inc.	330,000	35,000	365,000
United Cerebral Palsy of NYC, Inc.	6,325,000	195,000	6,520,000
dba ADAPT Community Network			

### **Purpose of Issue**

The Series 2017A Bonds were issued to finance, refinance or reimburse a portion of the costs of the acquisition, renovation and furnishing of certain facilities of the Series 2017 Participants for the provision of services to people with developmental disabilities or other special needs.

New Issue D Sale Date: BPA Signed: Bond Closing: Type of Sale:	August 2, 2017 August 3, 2017 August 24, 2017	
Subseries 2017	A-1	
	Tax Exempt Fixed Rate ty: July 1, 2042	
True Inte	erest Cost 3.26%	Net Interest Cost 3.25%
Municipa	al Market Data <sup>1</sup> 2.68%	Final Maturity Yield 3.55%
Subseries 2017	A-2	
<b>21</b>	Taxable Fixed Rate : July 1, 2020	
True Inte	erest Cost 2.93%	Net Interest Cost 2.88%
Treasury	/ Rate <sup>2</sup> 1.52%	Final Maturity Yield 1.65%
<b>Ratings</b> Moody's: Aa2	S & P: NR	Fitch: NR

### Underwriter

Lead Manager: Municipal Capital Markets Group, Inc.

MWBE Participation		
Marous Law Group PC Co-Bond Counsel	\$35,	000
Underwriter's Spread-Subseries 2017A-1 Management Fee Average Takedown Expenses Underwriter's Counsel:	<u>\$/1000</u> \$12.50 2.20 .32	Amount \$202,375 35,618 5,208
McCarter & English, LLP Total Underwriter's Discount	<u>5.50</u> \$20.52	<u>89,045</u> \$332,246

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 8/2/17.

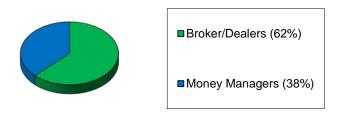
<sup>3</sup> Estimated at closing.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: GERARD KLAUSER (518) 257-3635

Underwriter's Spread-Subseries Management Fee Average Takedown Expenses Underwriter's Counsel:	2017A-2 <u>\$/1000</u> \$60.67 10.00 .58	<u>Amount</u> \$57,945 9,550 554
McCarter & English, LLP Total Underwriter's Discount	<u>16.81</u> \$88.06	<u>16,050</u> \$84,099
<b>Costs of Issuance</b> Appraisals Bond Counsel: Barclay Damon, LLP Co-Bond Counsel:	Estimated <sup>3</sup> \$ 9,300 147,500	<mark>Actual⁴</mark> \$ 9,300 145,424
Marous Law Group, P.C. <sup>5</sup>	35,000	35,000

Appraisais	ъ 9,300	\$ 9,300
Bond Counsel: Barclay Damon, LLP	147,500	145,424
Co-Bond Counsel:		
Marous Law Group, P.C. <sup>5</sup>	35,000	35,000
DASNY Fee	240,000	240,000
Disclosure Fee	60,000	60,000
IAC Fee	42,863	5,733
IAC's Institution Counsel:		
Cullen and Dykman, LLP	65,550	65,550
Printing	10,000	7,061
Rating Agency	21,500	21,500
Miscellaneous	39,390	52,813
TEFRA Notice	17,812	17,812
Title Insurance	67,404	72,394
Trustee: The Bank of New York Mellon	6,000	6,000
Trustee Counsel: Paparone Law PLLC	4,000	4,000
Underwriter's Discount	416,345	416,345
Total	\$1,182,664	\$1,158,932

Bond Allocation – Subseries 2017A-1



### Bond Allocation - Subseries 2017A-2



<sup>4</sup> Paid as of 3/31/18.

<sup>5</sup> MWBE firm.



<sup>&</sup>lt;sup>2</sup> Treasury Rate. 3-Year Treasury as of 8/2/17.

### \$17,145,000 InterAgency Council Pooled Loan Program Revenue Bonds, Series 2017A (\$16,190,000 Subseries 2017A-1 and \$955,000 Subseries 2017A-2 Federally Taxable)

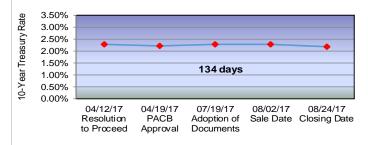
Program: Other Independent Institutions

Purpose: New Money

### **Market Conditions**

The Municipal Market was steady on the day of the pricing as inventory was low. The 10-year MMD decreased by one basis point with a yield of 1.94% and the 30-year MMD remained the same with a yield of 2.74%. Treasury yields grew with the 10-year yield increasing by one basis point and the 30-year yield decreasing by one basis point to yield a 2.27% and 2.85%, respectively. The IAC transaction consisted of one series of bonds, with two sub-series, one taxable and one taxexempt. The taxable subseries consisted of a three-year taxable term bond. The tax-exempt subseries consisted of serials from 2018 to 2027 with term bonds in 2032, 2037 and 2042. The Series 2017A Bonds was a pooled borrowing for six IAC participants and was rated Aa2 by Moody's. The transaction had a mixed amount of demand from investors and many adjustments were made. With little demand for the serial bonds, the underwriter increased yields by ten basis points in 2019, 11 basis points in 2025, 14 basis points in 2022, 15 basis points in 2020, 2021, 2024 and 2026, 16 basis points in 2023 and 20 basis points in the 2027 maturity. The term bonds were in demand at the initial levels of 3.25%, 3.45% and 3.55% in years 2032, 2037 and 2042, respectively. The 2042 term bond yielded a 3.45%, an 87 basis point spread to the commensurate AAA MMD maturity.

### **Performance Metrics**



### Days to Market

Goal: 150-180 Days

Actual Days to Market: 134 Days

### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The InterAgency Council of Developmental Disabilities Agencies, Inc. has a contract with Municipal Capital Markets Group, Inc. to sell the bonds. Municipal Capital Markets Group, Inc. does not underwrite bonds.



### \$51,000,000

The Jewish Theological Seminary of America Private Placement Revenue Bonds, Series 2017

Program: Independent Colleges and Universities

Purpose: Private Placement / New Money

### **The Institution**

The Jewish Theological Seminary of America (the "Seminary") is a secular center for academic study of Judaism located in Manhattan. The Seminary is an accredited member of the Middle States Association of Colleges and Schools and is chartered by the Regents of the State of New York.

### **Purpose of Issue**

The Series 2017 Bonds were issued to finance a major modernization project which includes improvements and upgrades to existing buildings and the construction of a new building including a library and a student dormitory.

### **New Issue Details**

Sale Date: BPA Signed: Bond Closing: Type of Sale: Type of Bonds:	June 28, 2017 June 28, 2017 June 28, 2017 Private Placement Tax Exempt Term Rat (Fixed Rate of Interest	
Conversion Date Final Maturity: True Interest Cos Municipal Market	July 1, 2047 st 2.94%	Net Interest Cost 2.92% Conversion Date Yield 2.88%
Ratings Moody's: NR	S & P: NR	Fitch: NR

### **Placement Agent/Purchaser**

Placement Agent: N/A Purchaser: TD Bank

MWBE Participation			
Brown Hutchinson LLP Co-Bond Counsel		\$40,000	
Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>	
Bank Expenses	\$ 15,314	\$ 15,314	
Bank Counsel:			
Windels Marx Lane & Mittendorf LLP	60,000	60,000	
Co-Bond Counsel: Harris Beach PLLC	125,000	125,000	
Co-Bond Counsel: Brown Hutchinson LLF	40,000	40,000	
Borrower Counsel: Akerman LLP	70,128	70,128	
DASNY Fee	125,000	125,000	
Financial Advisor: Prager & Co., LLC	75,000	75,000	
Miscellaneous	1,172	0	
Survey	1,200	0	
TEFRÁ	7,775	7,775	
Title Insurance	168,070	169,168	
Trustee: US Bank NA	2,000	2,000	
Trustee Counsel:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	
Buchanan Ingersoll & Rooney PC	1.200	1.000	
Total	\$691,859	\$690,385	

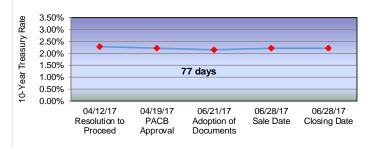
### **Bond Allocation**



### **Market Conditions**

The transaction consisted of one series of 30-year tax-exempt bonds which were privately-placed with TD Bank, N.A. (the "Bank"). The Bank may tender the bonds in 2032, fifteen years after issuance. The Bonds will bear interest at a fixed rate for a term of fifteen years. The rate is equal to 69.75% of 115 basis points over the Bank's cost of funds of 2.98%. The 15-year term rate was set at 2.8807%. The municipal market was slightly weaker with the 10-year and the 30-year MMD both increasing by four basis points to yield a 1.92% and a 2.74%, respectively. U.S. Treasuries were slightly weaker as well with the 10-year rate with the 10-year great the 30-year treasury bond increasing by two basis points to yield a 2.22% and a 2.77%, respectively.

### **Performance Metrics**



### Days to Market

Goal: 150-180 Days

Actual Days to Market: 77 Days

### Pricing

This transaction was a private placement and the rate was based on TD Bank's credit assessment.

<sup>3</sup> Paid as of 3/31/18. <sup>4</sup> MWBE firm.



 <sup>&</sup>lt;sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 06/28/17 based on the conversion date of 07/01/2032.
 <sup>2</sup> Estimated at closing.

### \$10,530,000

Master BOCES Program Lease Refunding Revenue Bonds (Nassau County BOCES Issue), Series 2017

Program: Board of Cooperative Educational Services

### Purpose: Refunding

### The Institution

Nassau County BOCES was established in 1967. It provides services to 56 school districts in Nassau county.

### **Purpose of Issue**

The Series 2017 Nassau County BOCES Bonds were issued to advance refund DASNY's Master BOCES Program Lease Revenue Bonds (Nassau County Issue), Series 2009.

### **New Issue Details**

11011 10040 0	otano			
Sale Date:	August 8, 2017			
BPA Signed:	August 9, 2017			
Bond Closing:	August 23, 2017	7		
Type of Sale:	Negotiated			
Type of Bonds:	Tax Exempt Fix	ed Rate		
Final Maturity: True Interest Cos Municipal Market		3	Net Interest ( Final Maturity \	
Ratings				
Moody's: A	a2	S & P:	NR	Fitch: NR

#### Underwriter Lead Manager:

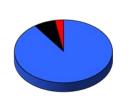
M&T Securities, Inc.

MWBE Participation		
Bryant Rabbino LLP Bond Counsel	\$7	75,000
Underwriter's Spread	<u>\$/1000</u>	Amount
Management Fee	\$ 0.00	\$ 0.00
Average Takedown	2.43	25,538
Expenses	.39	4,111
Underwriter's Counsel:	4 00	20,000
Trespasz & Marquardt, LLP Total Underwriter's Discount	<u>1.90</u> \$ 4.72	<u>20,000</u> \$49.649
	φ4.7Z	ə49,049
Savings Analysis PV Savings: \$1,009,270 % of PV Savin	gs: 8.42%	
Costs of Issuance E	stimated <sup>2</sup>	Actual <sup>3</sup>
Auditor	\$ 7,750	\$ 7,750
Bond Counsel: Bryant Rabbino LLP <sup>4</sup>	75,000	75,000
DASNY Fee	100,000	100,000
Estoppel Notice	8,997	8,997
Financial Advisor: Capital Markets Advisors Institution Counsel:	45,000	45,000
Hawkins Delafield & Wood	40,000	40,000
Local Counsel: Berkman, Henock	1,500	620
Miscellaneous	4,722	211
Printing	3,000	2,779
Rating Agency	20,250	16,650
Surety Bond Fee	17,998	17,998
Title Insurance Trustee: BNY Mellon	6,031 2,500	5,721 2,700
Trustee Counsel: Paparone Law PLLC	2,500	3,000
Underwriter's Discount	49,649	49,649
Verification Agent: Causey, Demgen & Moor	,	2,500
Total	\$387,647	\$378,575

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 08/08/17. <sup>2</sup> Estimated at closing.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: STEPHEN KOSIER (518) 257-3157

### **Bond Allocation**

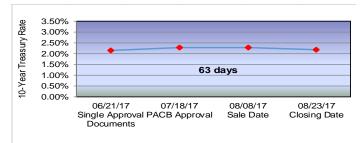




### **Market Conditions**

Municipal yields were mixed on the day. The 1-year through 4-year yields each decreased one basis point, the 5-year through 12-year yields were unchanged, the 13-year through 22-year yields each increased one basis point, and the 23-year through 30-year yields each increased two basis points. The 10-year MMD remained steady at 1.93% and the 30-year MMD increased two basis points to 2.75%. The 10-year treasury yield increased three basis points to 2.29% and the 30-year treasury yield increased two basis points to 2.86%. The transaction was structured with serial bonds maturing from 2018 through 2028 with spreads over MMD ranging between 5 and 28 basis points. After the morning order period, three maturities had balances. The remaining maturities were all subscribed for with the certain maturities oversubscribed. The yields on certain maturities decreased one or two basis points. The issue had a TIC of 1.93%.

### **Performance Metrics**



### Days to Market

Goal: 90-120 Days

Actual Days to Market: 63 Days

### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was priced fairly.

<sup>3</sup> Paid as of 3/31/18.

<sup>4</sup> MWBE firm.



### \$294,420,000 Memorial Sloan Kettering Cancer Center Revenue Bonds, 2017 Series 1

Program: Other Independent Institutions

Purpose: New Money/Refunding

Mutual Fund (55%)

Retail (20%)

Other (13%)

Bank (3%)

Insurance (7%)

### The Institution

Memorial Sloan Kettering Cancer Center is part of a group of corporations that make up the oldest and largest privately operated not-for-profit cancer center in the world. The other corporations in the group include Memorial Hospital for Cancer and Allied Diseases, Sloan-Kettering Institute for Cancer Research, S.K.I. Realty, Inc., MSK Insurance US, Inc., the Louis V. Gerstner Jr. Graduate School of Biomedical Sciences and MSK Insurance, Ltd.

### **Purpose of Issue**

The 2017 Series 1 Bonds were issued to finance ambulatory care facilities in Uniondale, NY and in Manhattan, near East 74th Street, and to finance the conversion of the heating system at various facilities from a steam-based system to a hot water-based system, to install boilers, to purchase various hospital equipment and to refund all of DASNY's Memorial Sloan Kettering Cancer Center Revenue Bonds, 2015 Series 1.

### Breakdown

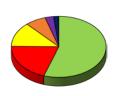
New Money: Refunding:	\$213,72 \$80,69	- /	
New Issue D	etails		
Sale Date:	December 12, 2017		
BPA Signed:	December 13, 2017		
Bond Closing:	December 20, 2017		
Type of Sale:	Negotiated		
Type of Bonds:	Tax Exempt Fixed Ra	ate	
Final Maturity:	July 1, 2047		
True Interest Cos	st 3.40%	Net	Interest Cost 3.68%
Municipal Market	t Data <sup>1</sup> 2.68%	Final	Maturity Yield 3.26%
Ratings			
Moody's: Aa3	S & F	P: AA-	Fitch: AA
Underwriters	5		

Co-Lead Manager: Goldman Sachs & Co. LLC Co-Lead Manager: J.P. Morgan BofA Merrill Lynch Co-Managers: Morgan Stanley

MWBE Participation			
Drohan Lee Co-Bond Counsel	\$2	5,000	
Underwriter's Spread	<u>\$/1000</u>	<u>Amount</u>	
Underwriter's Spread Management Fee	<u>\$/1000</u> \$ 0	Amount \$0	
	<u> </u>		
Management Fee	<b>\$</b> 0	\$ 0	

#### Total Underwriter's Discount \$5.48 \$1,613,118 Savings Analysis Net PV Savings: \$2,400,000 % of PV Savings: 4.26%

### **Bond Allocation**

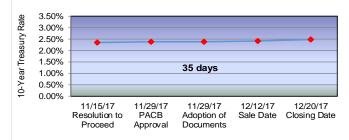


	Hedge Fund	(2%)
	Broker/Deale	er (<1%)
Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>
Accountant/Auditor	\$85,000	\$95,000
Co-Bond Counsel: Nixon Peabody	90,000	90,000
Co-Bond Counsel: Drohan Lee <sup>4</sup>	20,000	25,000
Contingency	10,000	0
DASNY Fee	125,000	125,000
Disclosure Fee	10,000	0
Escrow Agent Counsel Fees	0	1,000
Printing	12,000	7,897
Rating Agencies	397,000	298,750
Trustee: BNY Mellon	5,200	3,700
Trustee Counsel:		
Buchanan Ingersoll & Rooney PC	4,100	3,100
TEFRA	13,147	13,147
Underwriter's Discount	1,613,118	1,613,118
Total	\$2,384,565	\$2,275,712

### Market Conditions

The municipal market absorbed more supply as issuers from across the country added to the surge of municipal bonds in the market. The market was tentative as yields rose across the scale. Both the 10-year and 30-year MMD increased by four basis points to yield a 2.05% and a 2.68%, respectively. U.S. Treasuries were also weaker with the 10-year yield increasing by three basis points and the 30-year yield increasing by two basis points to yield a 2.42% and a 2.80%, respectively. The transaction consisted of serial bonds from 2018 to 2037 and term bonds in 2042 and 2047. The bonds were unenhanced and were rated Aa3 by Moody's, AA- by Standard and Poor's and AA by Fitch. The transaction was well received by investors. Due to the oversubscriptions, yields were lowered significantly for all of the serial and term bonds.

### **Performance Metrics**



Days to Market Goal: 90-120 Days

Actual Days to Market: 35 Days

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' 2047 maturity as of 12/12/17. <sup>2</sup> Estimated at closing.

<sup>3</sup> Paid as of 3/31/18. <sup>4</sup> MWBE firm.



### \$294,420,000 Memorial Sloan Kettering Cancer Center Revenue Bonds, 2017 Series 1

Program: Other Independent Institutions

Purpose: New Money/Refunding

### Pricing

DASNY<sup>7</sup> reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.



### \$678,005,000 New York University Revenue Bonds, Series 2017 Series 2017A (\$450,170,000) and Series 2017B (\$227,835,000) (Taxable)

Program: Independent Colleges and Universities

### Purpose: Refunding/Refinancing

### The Institution

The University is a private, co-educational, non-sectarian, not-for-profit institution of higher education located in New York, New York.

### Purpose of Issue

The Series 2017 Bonds were issued to refund all the NYC IDA Series 2007 Bonds issued on behalf of Polytechnic University and a portion of DASNY's outstanding NYU Series 2009A and Series 2009B Bonds. In addition, bond proceeds were issued to refinance a portion of amounts drawn on the University's line of credit for various capital projects located throughout the University system.

0			
Breakdown		Refinancing	<u>Refunding</u>
Series 2017A	\$	3132,390,000	\$317,780,000
Series 2017B (Ta	axable) \$	6 48,225,000	\$179,610,000
New Issue De			
Sale Date:			
BPA Signed:			
Bond Closing:			
Type of Sale:	Negotiated		
Series 2017A			
	ds: Tax Exemp		
	/: July 1, 204		
	rest Cost 3.22%		Net Interest Cost 3.52%
Municipal	I Market Data <sup>1</sup>	2.92%	Final Maturity Yield 3.17%
Series 2017B (Ta	axable)		
Type of Bond	ds: Taxable Fix	ked Rate	
Final Maturity	y: July 1, 2047		
True Inte	rest Cost 3.94%	6	Net Interest Cost 3.99%
Treasury	Rate <sup>2</sup> 2.99%		Final Maturity Yield 4.15%
Ratings			-
•			
Moody's: Aa2		S & P: AA-	Fitch: NR
Underwriter			
Lood Monogory	Walls Form	Coourition	

# Underwriter Lead Manager: Wells Fargo Securities Co-Lead Manager: J.P. Morgan Co-Managers: BofA Merrill Lynch Ramirez & Co., Inc.<sup>3</sup> RBC Capital Markets

MWBE Participation	
Ramirez & Co., Inc. (Series 2017A)	
Retail Orders:	250,000
Institutional Orders:	2,500,000
Member Orders:	12,500,000
Allotments:	500,000
Designations:	\$19,895.56
Total % of Designations to MWBE Firms:	1.95%
Ramirez & Co., Inc. (Series 2017B)	
Retail Orders:	0
Institutional Orders:	4,000,000
Member Orders:	0
Allotments:	1,100,000
Designations:	\$16,511.19
Total % of Designations to MWBE Firms:	2.58%
<i>McGlashan Law Firm, PC</i> Co-Bond Counsel	\$22,500

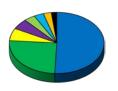
<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 05/16/17 <sup>2</sup> Thomson Reuters. 30-Year Treasury – 'AAA' as of 05/16/17

<b>Underwriter's Spread</b> – Series 2017A Management Fee Average Takedown Expenses Underwriter's Counsel:	\$/1000 \$ 0 2.27 0.09	Amount \$ 0 1,023,521 39,076
Katten Muchin Rosenman LLP Total Underwriter's Discount	<u>.15</u> \$2.51	<u>66,396</u> \$1,128,993
Underwriter's Spread – Series 2017B	\$/1000	Amount
<b>Underwriter's Spread</b> – Series 2017B Management Fee	<u>\$/1000</u> \$ 0	Amount \$0
-		
Management Fee	\$ 0	\$ 0
Management Fee Average Takedown	\$ 0 2.81	\$0 640,564
Management Fee Average Takedown Expenses	\$ 0 2.81	\$0 640,564

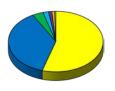
### **Savings Analysis**

Series 2017A	
PV Savings: \$45,734,987	% of PV Savings: 13.35%
Series 2017B	
PV Savings: \$14,888,452	% of PV Savings: 8.41%

### Bond Allocation - Series 2017A



### Bond Allocation - Series 2017B



Insurance (7%)
Commercial Banks (5%)
Broker/Dealers (4%)
Bond Funds (3%)
Other (3%)
Arbitrage/Hedge Funds (2%)

Money Managers (51%)Mutual Funds (25%)

■Insurance (55%)
Money Managers (37%)
Mutual Funds (4%)
Bond Funds (2%)
Commercial Banks (1%)
■Other (1%)
Broker/Dealers (<1%)

<sup>3</sup> MWBE firm.



Actual Days to Market: 50 Days

### \$678,005,000

### New York University Revenue Bonds, Series 2017 Series 2017A (\$450,170,000) and Series 2017B (\$227,835,000) (Taxable)

Program: Independent Colleges and Universities

Costs of Issuance Auditor Co-Bond Counsel:	<u>Estimated</u> ⁴ \$ 20,000	\$ <b><u>Actual</u></b> \$ 25,000
Hawkins Delafield & Wood	135,000	125,623
Co-Bond Counsel: McGlashan Law Firm	1 <sup>3</sup> 22,500	22,500
DASNY Fee	125,000	125,000
Defeasance Counsel (2009AB)	7,500	0
Defeasance Counsel (2007)	28,290	0
Defeasance Fees	1,862	2,992
Disclosure Fee	10,000	10,000
Escrow Agent & Counsel	2,500	5,500
Institution Counsel: Ropes & Gray LLP	170,000	206,040
Miscellaneous	18,500	19,001
Printing	10,000	3,731
Rating Agencies	249,750	249,750
TEFRA Notice	21,343	21,343
Trustee: BNYM	5,600	5,600
Trustee Counsel:		
Buchanan Ingersoll & Rooney PC	4,400	4,400
Trustee (2007 IDA Bonds): US Bank	2,000	0
Trustee Counsel (2007 IDA Bonds):		
Paparone Law PLLC	3,000	0
Underwriter's Discount	1,822,937	1,822,937
Verification Agent	2,750	2,750
Total	\$2,662,932	\$2,652,167

### **Market Conditions**

The Series 2017 Bonds were offered through two separate series - the tax-exempt Series 2017A Bonds and the taxable Series 2017B Bonds.

The 2017A Bonds were offered to retail and institutional investors on the morning of May 16<sup>th</sup>. Munis were stronger on the day of pricing with the 10-year triple-A MMD falling two basis points to 2.09% and the 30-year declining two basis points to 2.96%. The Series 2017A Bonds were structured with serial bond maturities ranging from 2019 to 2040 and a term bond maturing in 2043. Spreads on the 5% coupon bonds ranged from 5 to 27 basis points over triple-A MMD. There was strong demand for the 2017A Bonds with orders totaling over \$3.07 billion for approximately \$453.0 million of bonds across all maturities. At the end of the order period, all maturities were oversubscribed between one and 11 times. As a result, the underwriter was able to reduce yields across the board by between one and 10 basis points. The final spread on the 2043 maturity was 25 basis points over triple-A MMD.

Indications of interest from pre-marketing efforts of the taxable Series 2017B Bonds on May 15<sup>th</sup> resulted in price guidance on the morning of May 16<sup>th</sup> ranging from a spread of plus 30 basis points to Treasuries on the 2019 maturity to plus 120 basis points on the 2047 maturity. Treasuries were mixed as the two-year note was unchanged at 1.29%, while the 10-year and the 30-year both declined one basis point to 2.33% and 2.99%, respectively. The 2017B Bonds were structured with serial bond maturities ranging from 2019 to 2034 and with term bonds in 2039 and 2047. At the end of the day, there was sufficient demand for the 2017B Bonds to allow the underwriter to lower spreads by three basis points in 2039 and by five basis points in 2020, 2021, 2023, 2034 and 2047. The 2047 maturity, at a spread of 115 basis points to the 30-year Treasury, had a final yield of 4.148%.

Purpose: Refunding/Refinancing

### **Performance Metrics**



#### Days to Market Goal: 90-120 Days

#### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.

<sup>4</sup> Estimated at closing.



<sup>5</sup> Paid as of 3/31/18.

### \$1,750,395,000

### Personal Income Tax Revenue Bonds (General Purpose), Series 2017A

Program: State Personal Income Tax

Purpose: Refunding

### The Program

The Personal Income Tax Revenue Bond Financing Program is a financing vehicle for a broad range of State-supported financing programs.

#### Purpose of Issue

The Series 2017A Bonds were issued to refund certain outstanding Personal Income Tax Revenue Bonds and other State-supported debt.

### **New Issue Details**

New Issue Det	ails			
Sale Date: BPA Signed: Bond Closing: Type of Sale:	June 28, 20 June 29, 20 July 13, 20	)17 )17 17		
Type of Sale: Type of Bonds: Final Maturity:	Tax Exemp	t Fixed Rate		
True Interest Cos Municipal Market		%	Net Interest Final Maturity	
Ratings Moody's: Aa1		S & P: AAA		Fitch: NR
Underwriters				
Lead Manager:	Morgan	Stanley		
Co-Lead Manage	0			
0			nk & Co., LLC <sup>2</sup>	
Co-Managers:	Acaden	ny Securities, I	nc. <sup>3</sup>	
Ū	Barclay	s Capital		
	Blayloc	k Van, LLC <sup>2</sup>		
	BofA M	errill Lynch		
	Cabrera	a Capital Marke	ets <sup>2</sup>	
	Citigrou	ıр		
	Drexel I	Hamilton <sup>3</sup>		
	Duncan	-Williams		
	Fidelity	Capital Marke	ts	
	FTN Fir	nancial Capital	Markets	
	Goldma	an, Sachs & Co	D.	
	Janney	Montgomery S	Scott	
	J.P. Mo	rgan		
	KeyBar	nc Capital Mark	kets Inc.	
	Loop Ca	apital Markets	LLC <sup>2</sup>	
	M&T Se	ecurities		
		v Financial, Ind		
		r Financial Gro	oup, Inc. <sup>3</sup>	
		neimer & Co.		
	Piper Ja	•		
		apital Markets	LLC	
		z & Co., Inc. <sup>2</sup>	anaioton Inc	
		nd James & As	sociales, inc.	
		apital Markets nancial Produc	te Company <sup>2</sup>	
		W. Baird & Co		
		elt & Cross Inc		
		rothers & Co. <sup>2</sup>		
		icolaus & Com		
		ancorp Investn		
		argo Securitie		
		lliams Capital (		
		Suprairy		

MWBE Participation			
Blaylock Van LLC			
Retail Orders:	\$0		
Institutional Orders:	0		
Member Orders:	3,000,000		
Allotments:	0		
Designations:	\$101,474.49		
Cabrera Capital Markets			
Retail Orders:	\$0		
Institutional Orders:	0		
Member Orders: Allotments:	2,000,000		
Designations:	\$101,849.49		
Ŭ	φ101,0 <del>4</del> 3. <del>4</del> 3		
Loop Capital Markets LLC			
Retail Orders:	\$0		
Institutional Orders:	0		
Member Orders:	21,000,000		
Allotments: Designations:	0 \$28,452.59		
, and the second s	ψ20,432.33		
Ramirez & Co., Inc.	00 110 000		
Retail Orders:	\$2,110,000		
Institutional Orders:	0		
Member Orders: Allotments:	40,500,000 2,110,000		
Designations:	\$37,456.65		
· ·	ψ <i>01</i> , <del>4</del> 00.00		
Rice Financial Products Company	¢500.000		
Retail Orders: Institutional Orders:	\$500,000		
Member Orders:	0		
Allotments:	500.000		
Designations:	\$101,849.49		
Siebert Cisneros Shank & Co., L.L.C.			
Retail Orders:	\$700,000		
Institutional Orders:	1,195,000		
Member Orders:	160,000,000		
Allotments:	1,275,000		
Designations:	\$1,018,494.75		
Stern Brothers & Co.			
Retail Orders:	\$500,000		
Institutional Orders:	¢000,000 0		
Member Orders:	5,000,000		
Allotments:	200,000		
Designations:	\$101,849.49		
The Williams Capital Group, L.P.			
Retail Orders:	\$0		
Institutional Orders:	0		
Member Orders:	16,000,000		
Allotments:	0		
Designations:	\$101,009.49		
Total % of Designations to MWBE Firms*	31.27%		
Golden Holley James LLP			
Co-Bond Counsel	\$35,000		
Hardwick Law Firm LLC			
Co-Underwriter Counsel	\$25,500		
Backstrom McCarley Berry & Co., LLC Co-Financial Advisor	\$14,700		
* Includes selling group members			

<sup>3</sup> Service Disabled Veterans Owned Business (SDVOB) firm.



<sup>2</sup> MWBE firm.

 $<sup>^{\</sup>rm 1}$  Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 06/28/17.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING Portia Lee, Managing Director Analyst: Andrew Purcell (518) 257-3366

<sup>2</sup> 

### \$1,750,395,000

### Personal Income Tax Revenue Bonds (General Purpose), Series 2017A

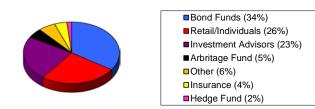
### Program: State Personal Income Tax

Purpose: Refunding

Veterans Participation			
Academy Securities, Inc. Retail Orders: Institutional Orders: Member Orders: Allotments:	\$2,900,000 1,000,000 1,000,000 2,900,000		
Designations: Drexel Hamilton Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	\$101,849.49 \$2,100,000 250,000 0 2,100,000 \$101,849.49		
Mischler Financial Group, Inc. Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	\$1,115,000 0 1,115,000 \$101,849.49		
Total % of Designations to Veterans Firms* * Includes selling group members	6.00%		

<b>Underwriter'sSpread</b> – Series 2017A Management Fee Average Takedown Expenses Underwriter's Counsel	\$/1000 \$ .00 4.02 .12	Amount \$ 0 7,028,954 209,243
Katten Muchin Rosenman LLP Co-Underwriter's Counsel: Hardwick Law Firm LLC <sup>2</sup> Total Underwriter's Discount	.03 <u>.01</u> \$ 4.18	59,500 <u>25,500</u> \$7,323,197
Savings Analysis PV Savings: \$233,989,417	% of PV Savi	
Costs of Issuance Bidding Agent Bond Counsel: Hawkins Delafield & Wood LLP Co-Bond Counsel: Golden Holley James <sup>2</sup> Defeasance Counsel Escrow Agent & Counsel Financial Advisor: PRAG Co-Financial Advidor: Backstrom McCarley Barry & Co., LLC Miscellaneous Printing Rating Agencies State Bond Issuance Charge TEFRA Trustee: US Bank NA Trustee: US Bank NA Trustee Counsel: Buchanan Ingersoll & Rooney PC Underwriter's Discount	18,500 23,500 58,800	Actual <sup>5</sup> \$ 0 214,881 35,000 3,500 17,500 58,800 14,700 34,011 9,356 252,035 14,580,839 56,547 350 900 7,323,198
Verification Agent	3,750 3,750 \$22,703,630	3,750 \$22,605,367

### **Bond Allocation**



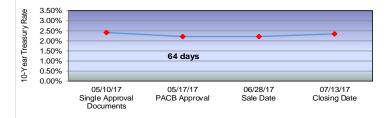
### **Market Conditions**

The bond market had been very stable in the two weeks leading up to the sale. After a quiet Monday, the Treasury market had much weaker tone on Tuesday morning, caused by sell-off in the Euro-bond market after a hawkish speech from European Central Bank President Mario Draghi. With the sell-off in Treasury market during the retail pricing on Tuesday, the underwriters recommended offering all the bonds to retail to maximize retail orders while holding the maximum spread on the long 5% coupon bonds at 30 bps over MMD. The 2018 maturity would be sold via sealed bids.

The issue received an impressive \$467 million in retail orders, with 2026 being the most popular with \$68 million of orders. The small 2019 and 2040 maturities were the only ones fully subscribed. The remaining balance was \$1.238 billion, not including the 2018 sealed bid. The MMD adjusted 2 to 4 bps higher yields.

A total of \$1.6 billion of orders were received for the \$1.24 billion balance. A total \$216 million of balances remained in 2020, 2021 and 2032. On a full maturity basis, the 2037, 2038 and 2039 maturities were more than two times oversubscribed. The final pricing saw yields increase 2 bps in 2020 and 2021, 1 bps in 2022 and reduced 1 bps in 2037 to 2039.

### **Performance Metrics**



### Days to Market

DASNY met the Division of Budget's timeline for pricing and closing.

#### Pricina

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was priced fairly.

<sup>5</sup> Paid as of 3/31/18.



### \$1,667,125,000

# Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (\$1,610,190,000), Series 2017C (\$22,355,000) and Series 2017D (\$34,580,000) (Federally Taxable)

Program: Personal Income Tax

### The Program

The Personal Income Tax Bonds are issued as a financing vehicle for a broad range of state-supported financing programs.

### **Purpose of Issue**

The Series 2017 B, C and D Bonds were issued to finance or reimburse all or a portion of the costs of programs and projects throughout the State, including capital projects for educational facilities, mental health facilities, transportation projects, a judicial training facility and grants for library, health care and economic development programs, and to refund certain outstanding NYS Thruway Second General Highway and Bridge Trust Fund Bonds.

Breakdown Series 2017B Series 2017C Series 2017D	<u>New Mone</u> \$1,106,120,0 \$22,355,0 \$34,580,0	000 \$504,070,000 000 \$0	
New Issue Details Sale Date: October 3, 20 BPA Signed: October 3, 20 Bond Closing: October 13, 2 Type of Sale: Competitive Series 2017B	17		
Type of Bonds: Tax Exer True Interest Cost 3.23 Municipal Market Data <sup>1</sup> 2		te Net Interest Cost 3.59% Final Maturity Yield 3.34%	
Bidding Group 1 Par Amount: Maturities: True Interest Cost:	\$566,975,00 2019 throug 1.76%		
<i>Bidding Group 2</i> Par Amount: Maturities: True Interest Cost	\$514,385,00 2028 throug 3.19%		
<i>Bidding Group 3</i> Par Amount: Maturities: True Interest Cost	\$528,830,00 2038 throug 3.79%		
Series 2017C Type of Bonds: Tax Exempt Tax Credit Fixed Rate Final Maturity: February 15, 2042 True Interest Cost 2.94% Net Interest Cost 2.94%			
Municipal Market Data <sup>2</sup> 2 Series 2017D Type of Bonds: Taxable Final Maturity: February True Interest Cost 1.85%	Fixed Rate 15, 2021	Final Maturity Yield 3.23% Net Interest Cost 1.85%	
Treasury Rate <sup>3</sup> 1.60% <b>Ratings</b> Moody's: Aa1	S & P: AAA	Final Maturity Yield 1.95% Fitch: NR	

### Purpose: New Money / Refunding

Bid Results – Series 2017B - Bidding Group 1 Goldman, Sachs & Co. LLC Wells Fargo Bank, National Association Bank of America Merrill Lynch J.P. Morgan Securities LLC Jefferies, LLC Morgan Stanley & Co., LLC RBC Capital Markets Citigroup Global Markets, Inc. Winning bidder: Goldman, Sachs & Co. LLC	1.755776% 1.759636% 1.763017% 1.764422% 1.769862% 1.772948% 1.783265% 1.790570%
Bid Results – Series 2017B - Bidding Group 2 Bank of America Merrill Lynch J.P. Morgan Securities LLC Wells Fargo Bank, National Association RBC Capital Markets Jefferies, LLC Morgan Stanley & Co., LLC Goldman, Sachs & Co. LLC Citigroup Global Markets, Inc. Barclays Capital, Inc. Winning bidder: Bank of America Merrill Lynch	3.193860% 3.213188% 3.215680% 3.220974% 3.220981% 3.224196% 3.239243% 3.239243% 3.24335% 3.250309%
Bid Results – Series 2017B- Bidding Group 3 Morgan Stanley & Co., LLC J.P. Morgan Securities LLC Bank of America Merrill Lynch Wells Fargo Bank, National Association Jefferies, LLC Citigroup Global Markets, Inc. RBC Capital Markets Goldman, Sachs & Co. LLC Winning bidder: Morgan Stanley & Co., LLC	3.785080% 3.786611% 3.789585% 3.795708% 3.798859% 3.800060% 3.802924% 3.829486%
Bid Results – Series 2017C Roosevelt & Cross, Inc. Bank of America Merrill Lynch Wells Fargo Bank, National Association RBC Capital Markets Stifel Nicolaus & Company, Inc. J.P. Morgan Securities LLC Winning bidder: Roosevelt & Cross, Inc.	2.944518% 2.986043% 3.034701% 3.044556% 3.149695% 3.293591%
Bid Results – Series 2017D J.P. Morgan Securities LLC Citigroup Global Markets, Inc. Raymond James & Associates, Inc. RBC Capital Markets Wells Fargo Bank, National Association Barclays Capital Inc. Morgan Stanley & Co., LLC Goldman, Sachs & Co. LLC Bank of America Merrill Lynch Jefferies, LLC FTN Financial Capital Markets Stifel Nicolaus & Company, Inc. Winning bidder: J.P. Morgan Securities LLC	1.848278% 1.903034% 1.934072% 1.935783% 1.939999% 1.943438% 1.948501% 1.953440% 1.972198% 1.973686% 1.988297% 2.099742%

<sup>1</sup> Thomson Reuters. Municipal Yield Curve –'AAA' match maturity (2047) as of 10/03/17.

<sup>2</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity (2042) as of 10/03/17.
 <sup>3</sup> Thomson Reuters. 3-year Treasury – 'AAA' as of 10/03/17.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: ANDREW PURCELL (518) 257-3366





### \$1,667,125,000

# Personal Income Tax Revenue Bonds (General Purpose), Series 2017B (\$1,610,190,000), Series 2017C (\$22,355,000) and Series 2017D (\$34,580,000) (Federally Taxable)

### Program: Personal Income Tax

MWBE Participation			
Golden Holley James LLP Co-Bond Counsel	\$62,563		
Bryant Rabbino LLP Defeasance Counsel	\$15,000		
Backstrom McCarley Berry & Co., LLC Co-Financial Advisor	\$15,800		

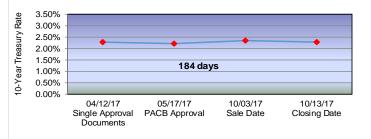
### Underwriter's Spread – Series 2017B

-	<u>\$/1000</u>	<u>Amount</u>
Management Fee	\$ 0.00	\$ 0
Average Takedown	1.56	2,512,310
Expenses	0.00	0
Total Underwriter's Discount	\$ 1.56	\$2,512,310
Underwriter's Spread – Series 20	017C	
-	<u>\$/1000</u>	<u>Amount</u>
Management Fee	\$ 0.00	\$ 0
Average Takedown	12.00	268,260
Expenses	0.00	0
Total Underwriter's Discount	\$ 12.00	\$268,260
Underwriter's Spread – Series 20	017D	
•	<u>\$/1000</u>	Amount
Management Fee	\$ 0.00	\$ 0
Average Takedown	1.22	42,212
Expenses	0.00	0
Total Underwriter's Discount	\$ 1.22	\$ 42,212
Savings Analysis		
PV Savings: \$55,375,960	% of PV Savings:	10.99%

### Purpose: New Money / Refunding

Costs of Issuance Bidding Agent Bond Counsel:	<u>Estimated</u> <sup>4</sup> \$ 25,000	<u>Actual</u> ⁵ \$ 0
Hawkins, Delafield & Wood LLP Co-Bond Counsel:	215,000	206,934
Golden HolleyJames, LLP <sup>6</sup> Contingencies	65,000 1,250	62,563 0
Defeasance Counsel: Bryant Rabbino L DOH Fee		15,000 68,467
Financial Advisor: PRAG Co Financial Advisor:	63,200	88,200
Backstrom McCarley Berry & Co. LLC		15,800
Issuer Fee (Thruway) Printing	17,000 10,000	0 6,333
Publification fees Rating Agencies	20,000 244,706	0 244,706
State Bond Issuance Charge Trustee: US Bank NA	13,887,198 1,050	13,887,198 1,050
Trustee Counsel: Buchanan Ingersoll & Rooney PC	2,850	2,850
Trustee (Thruway bonds): BNY Mellon Trusee Counsel (Thruway bonds):	2,750	2,750
Paparone Law PLLC Underwriter's Discount	4,000 2,822,782	4,000 2,822,782
Verification Agent Total	<u>2,500</u> \$17,722,499	<u>0</u> \$17,428,633

### **Performance Metrics**



### **Days to Market**

DASNY met the Division of Budget's timeline for pricing and closing.

#### Pricing

The price was set through a competitive bid.

<sup>4</sup> Estimated at closing. <sup>5</sup> Paid as of 3/31/18.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: ANDREW PURCELL (518) 257-3366 <sup>6</sup> MWBE firm.



### \$100,445,000 Rockefeller University Private Placement Revenue Bonds, Series 2017A

Program: Independent Colleges & Universities

Purpose: Private Placement / Refunding

### The Institution

The University is an independent, nonsectarian, not-for-profit center for advanced study and research in the natural sciences. The University is located on the upper east side of Manhattan in the City of New York.

### **Purpose of Issue**

The Series 2017A Bonds were issued to refund the DASNY issued Rockefeller University Revenue Bonds, Series 2009B.

#### **New Issue Details**

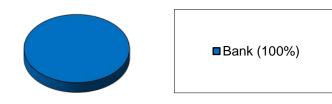
Sale Date:	August 3, 2017					
BPA Signed:	August 3, 2017					
Bond Closing:	August 3, 2017					
Type of Sale:	Private					
Type of Bonds:	Tax Exempt Variable Rate					
Final Maturity:	July 1, 2052					
Initial Interest Rate 1.36%		SIFMA Rate <sup>1</sup> .79%				
Ratings						
Moody's: NR	S & P: NR	Fitch: NR				
Placement Agent/Purchaser						
Placement Agent: N/A						

Purchaser: TD Bank

MWBE Participation			
The Yuba Group LLC Financial Advisor	\$90,000		

Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>
Bond Counsel: Nixon Peabody LLP DASNY Fee	\$70,000 125,000	\$66,644 125,000
Escrow Agent	125,000	125,000
Financial Advisor: The Yuba Group LLC Institution's Counsel:		90,000
Orrick, Herrington & Sutcliffe LLP	80,000	86,752
Miscellaneous	24,353	0
Purchaser Fees	20	20
Purchaser Counsel: Windels Marx	45,000	45,000
TEFRA	6,927	6,927
Trustee: US Bank NA	1,200	1,200
Trustee Counsel: Buchanan Ingersoll & Rooney PC Total	<u>2,000</u> \$445,000	<u>2,000</u> \$424,043

### **Bond Allocation**



#### <sup>1</sup> Securities Industry and Financial Markets Association Municipal Swap Index 7day rate at time of sale.

<sup>2</sup> Estimated at closing.

<sup>3</sup> Paid as of 3/31/18. <sup>4</sup> MWBE firm.

also stronger with yields on both the 10-year and 30-year decreasing three basis points to 2.23% and 2.81%, respectively.

Performance Metrics

43 days

The Series 2017A Bonds were privately placed with TD Bank. The Bank

purchased the Bonds with a floating rate bearing interest at 69.75% of the sum of 30-day LIBOR plus .725%. The initial interest rate was set

at 1.36%. This rate is re-priced every 30 days to reflect the current 30-

day LIBOR rate. The bonds are subject to mandatory tender on July 30,

2027. Munis finished stronger on the day of the sale with the yield on

the 10-year triple-A MMD falling two basis points to 1.92% and the yield on the 30-year dropping three basis points to 2.71%. Treasuries were

### 06/21/17 07/18/17 08/03/17 Single Approval PACB Approval Sale Date Documents

Days to Market

Goal: 90-120 Days

**Market Conditions** 

Actual Days to Market: 43 Days

08/03/17

Closing Date

### Pricing

This transaction was a private placement and the rate was based on TD Bank's credit assessment.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: DAVID OSTRANDER (518) 257-3164



### \$42,580,000 St. John's University Revenue Bonds, Series 2017A

Program: Independent Colleges and Universities

### Purpose: Refunding

### The Institution

The University is an independent, coeducational, not-for-profit institution of higher education with campuses located in Queens, Manhattan, Staten Island and Oakdale, New York as well as Rome, Italy.

### Purpose of Issue

The Series 2017A Bonds were issued to refund DASNY's outstanding, variable rate St. John's University Revenue Bonds Series 2008B-1 and 2008B-2, and advance refund DASNY's outstanding St. John's University Revenue Bonds, Series 2012A and 2012B.

#### **New Issue Details**

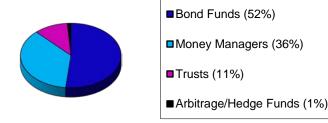
Sale Date:	December 20, 20	017		
BPA Signed:	December 21, 20	017		
Bond Closing:	December 28, 20	017		
Type of Sale:	Negotiated			
Type of Bonds:	Tax Exempt Fixe	ed Rate		
Final Maturity:	July 1, 2030			
True Interest (	Cost 2.79%		Net Interest Cos	st 3.09%
Municipal Mar	ket Data <sup>1</sup> 2.34%		Final Maturity Yiel	d 2.78%
Ratings				
Moody's: A3		S & P: A-	F F	itch: NR

#### Underwriter

Lead Manager: Morgan Stanley

MWBE Participation		
Drohan Lee LLP Co-Bond Counsel		\$25,000
Underwriter's Spread	<u>\$/1000</u>	<u>Amount</u>
Management Fee	<b>\$</b> 0	\$0
Average Takedown	3.50	149,030
Expenses	0.12	5,308
Underwriter's Counsel:		
Katten Muchin Rosenman LLP	1.76	75,000
Total Underwriter's Discount	\$5.39	\$229,338
Savings Analysis PV Savings: \$2,709,526	% of PV Sav	ings: 5.98%

### Bond Allocation

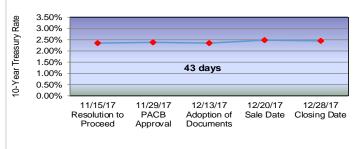


Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>
Auditor	\$ 28,000	\$28,00
Co-Bond Counsel: Nixon Peabody	85,000	85,000
Co-Bond Counsel: Drohan Lee LLP <sup>4</sup>	25,000	25,000
DASNY Fee	125,000	125,000
Disclosure Fee	10,000	10,000
Escrow Agent: Bank of NY Mellon	6,000	0
Escrow Agent Counsel:		
Buchanan Ingersoll & Rooney PC	10,000	10,000
Escrow Bidding Agent	4,000	0
Institution Counsel:		
Bond Schoeneck & King	55,000	55,000
Miscellaneous	1,000	5,000
Printing	10,000	2,608
Rating Agencies	74,700	74,700
TEFRA	18,802	18,802
Trustee: Bank of NY Mellon	450	450
Trustee Counsel:		
Buchanan Ingersoll & Rooney PC	1,500	1,500
Underwriter's Discount	229,338	229,338
Verification Agent	3,500	3,500
Total	\$687,290	\$673,898

### Market Conditions

St. John's Series 2017A bonds priced at the tail end of the largest volume of bond sales the municipal market has experienced. There was heavy volume during December as issuers looked to price and close transactions before year-end prior to potential federal tax law changes. Nearly \$25 billion of municipal bonds priced the week prior to St. John's and approximately \$11 billion of municipal bonds priced the week of the St. John's pricing. When St. John's entered the market the underwriter indicated there was significant "investor fatigue" and the market had begun to sell off. Munis weakened on the day of pricing with the 10-year and 30-year triple-A MMD yields each increasing five basis points to 2.13% and 2.73%, respectively. The Bonds were structured with serial bond maturities ranging from 2026 to 2030 and were originally priced between 40 and 52 basis points above triple-A MMD. Despite the market, the underwriter had a strong book of business with oversubscriptions for all maturities, ranging from two times to 4 times over. As a result, yields were lowered two basis points for the 2029 and 2030 maturities. The issue had a TIC of 2.79%.

### Performance Metrics



**Days to Market** Goal: 90-120 Days

Actual Days to Market: 43 Days

3 Paid as of 3/31/18. <sup>4</sup> MWBE firm.



<sup>&</sup>lt;sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 12/20/17

<sup>&</sup>lt;sup>2</sup> Estimated at closing.

### \$42,580,000 St. John's University Revenue Bonds, Series 2017A

Program: Independent Colleges and Universities

Purpose: Refunding

### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.



## Sales Tax Revenue Bonds, Series 2017A (\$1,308,065,000) and Series 2017B (\$72,485,000) (Federally Taxable)

Program: Sales Tax

### The Program

The Sales Tax Bonds are issued as a financing vehicle for a broad range of state-supported financing programs.

### **Purpose of Issue**

The Series 2017 Bonds were issued to finance or reimburse all or a portion of the costs of programs and projects throughout the State, including capital projects for educational facilities, mental health facilities, environmental facilities projects and grants for educational and economic development programs, and the cost of issuance of the Bonds.

### **New Issue Details**

New issue Delaiis		
Sale Date: July 18, 2017		
BPA Signed: July 18, 2017		
Bond Closing: July 27, 2017		
Type of Sale: Competitive		
Series 2017A		
Type of Bonds: Tax Exen	npt Fixed Rate	
True Interest Cost 3.40		Net Interest Cost 3.78%
Municipal Market Data <sup>1</sup> 2.	74% Fin	al Maturity Yield 3.19%
Bidding Group A		
Par Amount:	\$334,065,000	
Maturities:	2019 through 20	)29
True Interest Cost:	2.00%	
Bidding Group B		
Par Amount:	\$463,445,000	
Maturities:	2030 through 20	)39
True Interest Cost	3.44%	
Bidding Group C		
Par Amount:	\$510,555,000	
Maturities:	2040 through 20	147
True Interest Cost	3.76%	
Series 2017B		
Type of Bonds: Taxable F	Fixed Rate	
Final Maturity: March 15	, 2021	
True Interest Cost 1.70%	١	Net Interest Cost 1.70%
Treasury Rate <sup>2</sup> 2.27%	Fin	al Maturity Yield 1.86%
Ratings		
Moody's: NR	S & P: AAA	Fitch: AA+
Bid Results - Series 2017	A - Bidding Group	λ
RBC Capital Markets		2.003537%
Goldman, Sachs & Co.		2.005769%
Bank of America Merrill Lynch		2.016590%
Morgan Stanley & Co., LLC		2.016693%
J.P. Morgan Securities LLC		2.017931%
Wells Fargo Bank, National Ass	sociation	2.027773%
Jefferies, LLC		2.031989%
Citigroup Global Markets, Inc		2.044704%
Barclays Capital, Inc.		2.060171%
Winning bidder	: RBC Capital N	
3.000		

### Purpose: New Money

Bid Results – Series 2017A - Bidding Group B	
Jefferies, LLC	3.438745%
J.P. Morgan Securities LLC	3.440608%
Morgan Stanley & Co., LLC	3.446108%
Bank of America Merrill Lynch	3.449596%
Goldman, Sachs & Co.	3.459255%
Wells Fargo Bank, National Association	3.464491%
Citigroup Global Markets, Inc.	3.471090%
Barclays Capital, Inc.	3.475396%
RBC Capital Markets	3.483313%
Winning bidder: Jefferies, LLC	
Bid Results – Series 2017A- Bidding Group C	
Bank of America Merrill Lynch	3.762197%
J.P. Morgan Securities LLC	3.773619%
Morgan Stanley & Co., LLC	3.775466%
Goldman, Sachs & Co.	3.783404%
Jefferies, LLC	3.789004%
Citigroup Global Markets, Inc	3.789417%
Wells Fargo Bank, National Association	3.791006%
Barclays Capital, Inc.	3.797449%
RBC Capital Markets	3.807827%
. Winning bidder: Bank of America Merrill Lync	h
Bid Results – Series 2017B	
Citigroup Global Markets, Inc	1.701682%
Morgan Stanley & Co., LLC	1.743097%
RBC Capital Markets	1.755279%
Wells Fargo Bank, National Association	1.778015%
Goldman. Sachs & Co.	1.782894%
J.P. Morgan Securities LLC	1.811567%
Bank of America Merrill Lynch	1.821205%
Barclays Capital, Inc.	1.832479%
Raymond James & Associates, Inc.	1.847014%
FTN Financial Capital Markets	1.863670%
Winning bidder: Citigroup Global Markets, Inc	
	-

MWBE Participation		
Golden Holley James LLP Co-Bond Counsel	\$40,000	
Rockfleet Financial Services, Inc. Co-Financial Advisor	\$15,800	

### Underwriter's Spread - Series 2017A

•	\$/1000	Amount
Management Fee	\$ 0.00	\$ 0
Average Takedown	0.00	0
Expenses	1.49	1,956,923
Total Underwriter's Discount	\$ 1.49	\$1,956,923
Underwriter's Spread – Series 2017B		
-	<u>\$/1000</u>	Amount
Management Fee	\$ 0.00	\$0
Average Takedown	0.00	0
Expenses	1.00	72,485
Total Underwriter's Discount	\$ 1.00	\$ 72,485

<sup>1</sup> Thomson Reuters. Municipal Yield Curve –'AAA' match maturity (2047) as of 07/18/17.

 $^{2}$  Thomson Reuters. 10-year Treasury – 'AAA' as of 07/18/17.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: ANDREW PURCELL (518) 257-3366



Estimated<sup>3</sup>

Actual<sup>4</sup>

## Sales Tax Revenue Bonds, Series 2017A (\$1,308,065,000) and Series

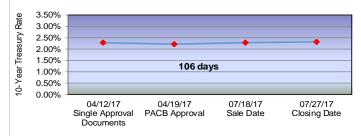
2017B (\$72,485,000) (Federally Taxable)

Program: Sales Tax

### **Costs of Issuance**

Bond Counsel: Hawkins, Delafield		
& Wood LLP	\$ 200,000	\$165,165
Co-Bond Counsel:		
Golden HolleyJames, LLP <sup>5</sup>	40,000	40,000
Financial Advisor: PRAG	63,200	63,200
Co Financial Advisor:		
Rockfleet Financial Services Inc. <sup>5</sup>	15,800	15,800
Printing	10,000	7,511
Rating Agencies	211,488	211,488
State Bond Issuance Charge	11,500,020	11,500,020
Trustee: BNY Mellon	350	350
Trustee Counsel:		
Buchanan Ingersoll & Rooney PC	4,000	3,825
Underwriter's Discount	2,029,408	<u>2,029,408</u>
Total	\$14,074,266	\$14,116,116

### **Performance Metrics**



### **Days to Market**

DASNY met the Division of Budget's timeline for pricing and closing.

### Pricing

The price was set through a competitive bid.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: ANDREW PURCELL (518) 257-3366

<sup>5</sup> MWBE firm.



Purpose: New Money



### \$1,329,725,000

## Sales Tax Revenue Bonds, Series 2018A (\$1,263,320,000) and Series 2018B (\$66,405,000) (Federally Taxable)

Program: Sales Tax

### The Program

The Sales Tax Bonds are issued as a financing vehicle for a broad range of state-supported financing programs.

#### Purpose of Issue

The Series 2018 Bonds were issued to finance or reimburse all or a portion of the costs of programs and projects throughout the State, including capital projects for educational facilities, mental health facilities, environmental facilities projects and grants for educational and economic development programs, and the cost of issuance of the Bonds.

### New Issue Details

New Issue Details			
Sale Date: March 13, 201	8		
BPA Signed: March 13, 201	8		
Bond Closing: March 23, 201	8		
Type of Sale: Competitive			
Series 2018A			
Type of Bonds: Tax Exer	npt Fixed Rate		
True Interest Cost 3.76%		let Interest Cost 4.06%	
Municipal Market Data <sup>1</sup> 3	.07% Fina	al Maturity Yield 3.77%	
Bidding Group 1		-	
Par Amount:	\$171,695,000		
Maturities:	2020 through 20	28	
True Interest Cost:	2.40%	20	
	2.4070		
Bidding Group 2	<b>*</b> ~~ <b>·</b> ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
Par Amount:	\$364,825,000	~7	
Maturities:	2029 through 20	37	
True Interest Cost	3.52%		
Bidding Group 3			
Par Amount:	\$349,090,000		
Maturities:	2038 through 20	43	
True Interest Cost	3.99%		
Bidding Group 4			
Par Amount:	\$377,710,000		
Maturities:	2044 through 20	48	
True Interest Cost 3.98%			
Series 2018B			
Type of Bonds: Taxable I	Fixed Rate		
Final Maturity: March 15			
True Interest Cost 2.60%	N	let Interest Cost 2.60%	
Treasury Rate <sup>2</sup> 2.84%	Fina	al Maturity Yield 2.70%	
Ratings			
Moody's: Aa1	S & P: AAA	Fitch: NR	
•			
Bid Results – Series 2018,	A - Bidding Group		
Goldman, Sachs & Co. LLC		2.401526%	
Wells Fargo Bank, National Association 2		2.417582%	
Bank of America Merrill Lynch		2.420339%	
J.P. Morgan Securities LLC		2.423998%	
Morgan Stanley & Co., LLC		2.435722%	
RBC Capital Markets		2.438417%	
Barclays Capital, Inc.		2.446043%	
Citigroup Global Markets, Inc.		2.457932%	
Jefferies, LLC		2.469595%	
TD Securities		2.545317%	
Winning bidder: 0	Goldman, Sachs &	& Co. LLC	

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity (2048) as of 03/13/18. <sup>2</sup> Treasury Rate. 10-year Treasury – 'AAA" as of 03/13/18.

### Purpose: New Money

Bid Results – Series 2018A - Bidding Group 2 Bank of America Merrill Lynch Goldman, Sachs & Co. LLC RBC Capital Markets J.P. Morgan Securities LLC Morgan Stanley & Co., LLC Citigroup Global Markets, Inc. Wells Fargo Bank, National Association Jefferies, LLC Winning bidder: Bank of America Merrill Lync	3.523542% 3.526449% 3.526932% 3.529119% 3.545020% 3.545020% 3.569357% 3.565467% 3.568111%
Bid Results – Series 2018A - Bidding Group 3 Bank of America Merrill Lynch Morgan Stanley & Co., LLC J.P. Morgan Securities LLC Goldman, Sachs & Co. LLC RBC Capital Markets Citigroup Global Markets, Inc Jefferies, LLC Wells Fargo Bank, National Association Winning bidder: Bank of America Merrill Lync	3.990635% 4.001417% 4.007454% 4.007918% 4.011056% 4.013533% 4.015314% 4.032007%
Bid Results – Series 2018A – Bidding Group 4 Bank of America Merrill Lynch RBC Capital Markets Morgan Stanley & Co., LLC Goldman, Sachs & Co. LLC Citigroup Global Markets, Inc Wells Fargo Bank, National Association Jefferies, LLC J.P. Morgan Securities LLC Winning bidder: Bank of America Merrill Lync	3.976364% 3.987138% 3.988396% 3.989521% 3.996060% 4.000007% 4.023814% 4.046225%
Bid Results – Series 2018B Wells Fargo Bank, National Association J.P. Morgan Securities LLC Morgan Stanley & Co., LLC Citigroup Global Markets, Inc RBC Capital Markets Bank of America Merrill Lynch Barclays Capital, Inc. FTN Financial Capital Markets Goldman, Sachs & Co. LLC Stifel Nicolaus & Company, Inc. Jefferies, LLC Raymond James & Associates, Inc. Winning bidder: Wells Fargo Bank, National A	2.602999% 2.670792% 2.696380% 2.714756% 2.731877% 2.741418% 2.762509% 2.804365% 2.804365% 2.898622% 2.908160% 2.963694%
MWBE Participation	

MWBE Participation	
Golden Holley James LLP	
Co-Bond Counsel	\$80,000
Backstrom McCarley Berry & Co. Co-Financial Advisor	\$15,800 *
* Estimated fee to be paid.	



### \$1,329,725,000

## Sales Tax Revenue Bonds, Series 2018A (\$1,263,320,000) and Series 2018B (\$66,405,000) (Federally Taxable)

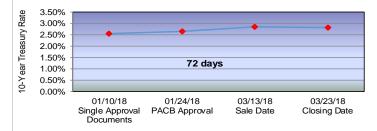
Program: Sales Tax

Purpose: New Money

### Underwriter's Spread – Series 2018A

Management Fee Average Takedown Expenses Total Underwriter's Discount	\$\frac{\$/1000}{\$0.00} 6.67 0.00 \$6.67	Amount \$ 0 2,037,707 0 \$2,037,707
Underwriter's Spread – Series 2	018B	
Management Fee Average Takedown Expenses Total Underwriter's Discount	\$\.00 \$\.00 .64 <u>.00</u> \$\64	Amount \$ 0 42,297 0 \$42,297
Costs of Issuance	Estimated <sup>3</sup>	Actual <sup>4</sup>
Bond Counsel: Hawkins, Delafield & Wood LLP Co-Bond Counsel: Golden Holley James LLP <sup>5</sup> Financial Advisor: PRAG Co Financial Advisor:	\$ 177,000 80,000 63,200	\$0 80,000 0
Backstrom McCarley Berry & Co. <sup>5</sup> Miscellaneous Printing Rating Agencies State Bond Issuance Charge Trustee: BNYMellon Underwriter's Discount Total	15,800 50,000 10,000 267,972 11,076,646 4,350 <u>2,080,004</u> \$13,824,973	0 6,129 267,972 0 4,000 <u>2,080,004</u> \$2,438,105

### Performance Metrics



### Days to Market

DASNY met the Division of Budget's timeline for pricing and closing.

#### Pricing

The price was set through a competitive bid.

<sup>3</sup> Estimated at closing.



<sup>&</sup>lt;sup>4</sup> Paid as of 3/31/18. <sup>5</sup> MWBE firm.

### School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (\$92,135,000), Series 2017B (\$131,050,000), Series 2017C (\$39,485,000), Series 2017D (\$22,150,000) and Series 2017E (\$17,690,000)

Program: Public School Districts

Purpose: New Money / Refinancing

### The Institutions

The 40 public school districts are located in different areas of the State, are of varying geographic and demographic size and have varying economic, financial and indebtedness characteristics.

### **Participants**

School District	Principal Amount of <u>Loan</u>
Series 2017A:	
Averill Park Central School District	\$10,425,000
Chazy Central Rural School District	1,495,000
Edwards-Knox Central School District	7,080,000
Filmore Central School District	7,015,000
Frewsburg Central School District	1,645,000
Hancock Central School District	4,335,000
Holland Patent Central School District	4,215,000
Johnson City Central School District	12,105,000
Marathon Central School District	6,510,000
Scio Central School District	2,325,000
Susquehanna Valley Central School District at Conklin	2,070,000
Thousand Islands Central School District	3,555,000
Waterville Central School District	4,675,000
Whitesboro Central School District	14,005,000
Windsor Central School District	10,680,000
Series 2017B:	
Alfred-Almond Central School District	\$3,575,000
Belleville Henderson Central School District	2,105,000
Churchville-Chili Central School District	5,670,000
City School District of the City of Binghamton	1,830,000
City School District of the City of Fulton	10,735,000
City School District of the City of Rome	7,740,000
Fredonia Central School District	2,305,000
Greene Central School District	5,335,000
Indian River Central School District at Philadelphia	8,695,000
Lansing Central School District	3,145,000
Lowville Central School District	8,025,000
Malone Central School District	13,620,000

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 5/10/17.

North Syracuse Central School District	2,665,000
Phelps-Clifton Springs Central School District	6,745,000
Rotterdam-Mohonasen Central School District	23,900,000
Union-Endicott Central School District	5,205,000
West Genesee Central School District	19,755,000
Series 2017C:	
Akron Central School District	\$6,200,000
Cazenovia Central School District	5,640,000
East Rochester Union Free School District	3,095,000
Homer Central School District	16,125,000
LaFayette Central School District	8,425,000
Series 2017D:	
Baldwinsville Central School District	\$14,345,000
Webster Central School District	7,805,000
Series 2017E:	
City School District of the City of Utica	\$17,690,000

#### **Purpose of Issue**

The Series 2017A-E Bonds were issued to finance all or a portion of the costs of school district capital facilities and school district capital equipment and to refinance certain bond anticipation notes issued to finance all or a portion of the costs of school district capital facilities and school district capital equipment.

Breakdown	New Mone	эy	<b>Refinancing</b>
Series 2017A	\$ 7,000,0	00	\$ 85,135,000
Series 2017B	\$ 4,000,0	00	\$127,050,000
Series 2017C	\$	0	\$ 39,485,000
Series 2017D	\$	0	\$ 22,150,000
Series 2017E	\$	0	\$ 17.690.000

#### **New Issue Details**

Sale Date:	May 10, 2017	
BPA Signed:	May 11, 2017	
Bond Closings: Type of Sale:		A <i>-D)</i> / July 12, 2017 (2017E)
Type of Bonds:	Tax Exempt Fixed F	Rate
Series 2017A Final Maturit	y: October 1, 2035	
True Interest	t Cost 2.76%	Net Interest Cost 3.06%
Municipal Ma	arket Data <sup>1</sup> 2.80%	Final Maturity Yield 3.60%
Series 2017B Final Maturit	y: October 1, 2046	
True Interest	Cost 3.08%	Net Interest Cost 3.39%
Municipal Ma	arket Data <sup>1</sup> 3.00%	Final Maturity Yield 3.85%
Series 2017C Final Maturit	y: October 1, 2032	
True Interest Municipal Ma	t Cost 2.74% arket Data <sup>1</sup> 2.61%	Net Interest Cost 3.05% Final Maturity Yield 2.96%



### \$302,510,000

## School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (\$92,135,000), Series 2017B (\$131,050,000), Series 2017C (\$39,485,000), Series 2017D (\$22,150,000) and Series 2017E (\$17,690,000)

### Program: Public School Districts

Series 2017D Final Maturity: October 1, 2032 Net Interest Cost 3.06% True Interest Cost 2.76% Municipal Market Data<sup>1</sup> 2.61% Final Maturity Yield 2.96% Series 2017E Final Maturity: October 1, 2029 True Interest Cost 2.54% Net Interest Cost 2.80% Municipal Market Data<sup>1</sup> 2.37% Final Maturity Yield 2.94% Credit Enhancement (Partial) Firm: Assured Guaranty Municipal Corp. Rating: A2/AA/NR Type: Bond Insurance Build America Mutual Assurance Company Firm: NR/AA/NR Rating: Type: Bond Insurance Ratings Series 2017A (Underlying) Moody's: NR S & P: A+ Fitch: AA-Series 2017B (Underlying) S&P:NR Moody's: Aa3 Fitch: AA-Series 2017C (Underlying) S & P: AA-Fitch: AA-Moody's: NR Series 2017D (Underlying) Moody's: Aa2 S&P:NR Fitch: AA-Series 2017E (Underlying) Moody's: NR S & P: A+ Fitch: AA-Underwriters **RBC** Capital Markets Lead Manager: Co-Lead Manager: **Raymond James** Drexel Hamilton<sup>2</sup> **Co-Managers Fidelity Capital Markets** Goldman, Sachs & Co. LLC Janney Montgomery Scott LLC J.P. Morgan Loop Capital Markets<sup>3</sup> Oppenheimer & Co. Piper Jaffray & Co. Ramirez & Co., Inc.<sup>3</sup> Roosevelt & Cross Incorporated Stern Brothers & Co.<sup>3</sup> The Williams Capital Group, L.P.<sup>3</sup> **Veterans Participation** 

Drexel Hamilton	
Retail Orders:	7,810,000
Institutional Orders:	3,790,000
Member Orders:	0
Allotments:	3,055,000
Designations:	\$15,799
Total % of Designations to Veterans Firms*	1.22%
<ul> <li>Includes selling group members</li> </ul>	

Purpose: New Money / Refinancing

MWBE Participation – Series 20	17A-E		
Loop Capital Markets, LLC Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	5 5,22 18	0,000 0,000 0,000 0,000 6,534	
Ramirez & Co., Inc. Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	1,25 7,11 1,54	0,000 0,000 5,000 5,000 7,480	
Stern Brothers & Co. Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	2,36 1,02	5,000 0 5,000 5,000 1,291	
The Williams Capital Group, L.P. Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	2,50 25	0,000 0 0,000 0,000 3,662	
Total % of Designations to MWBE Firms: Marous Law Group P.C. Co-Bond Counsel		4.56% 7,500	
Law Offices of Joseph C. Reid, P.A. Co-Underwriter's Counsel Municipal Solutions, Inc. Financial Advisor		\$75,000 \$77,000	
L Underwriter's Spread – Series 2017A Management Fee Average Takedown Expenses Co-Underwriter's Counsel: Katten Muchin Rosenman LLP Law Offices of Joseph C. Reid, P.A. <sup>3</sup> Total Underwriter's Discount	\$/1000 \$1.00 4.45 .23 .69 <u>.29</u> \$6.66	Amount \$ 92,135 410,422 21,086 63,160 <u>27,068</u> \$613,871	
Underwriter's Spread – Series 2017B Management Fee Average Takedown Expenses Co-Underwriter's Counsel: Katten Muchin Rosenman LLP Law Offices of Joseph C. Reid, P.A. <sup>3</sup> Total Underwriter's Discount	\$/1000 \$1.00 4.59 .21 .57 <u>.24</u> \$6.61	Amount \$131,050 602,168 27,053 74,662 <u>31,998</u> \$866,931	

<sup>2</sup> Service Disabled Veterans Owned Business (SDVOB) firm.

<sup>3</sup> MWBE firm.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: DAVID OSTRANDER (518) 257-3164

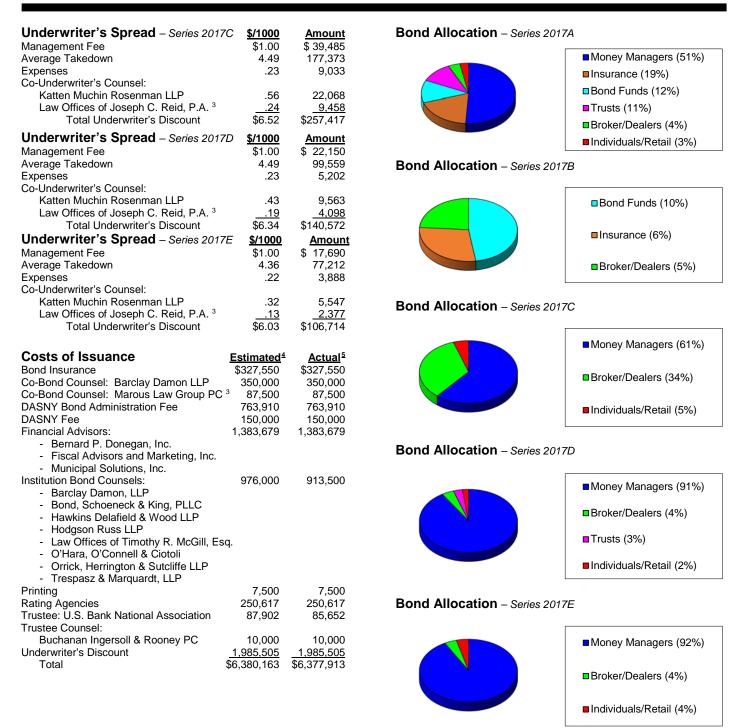


### \$302,510,000

### School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (\$92,135,000), Series 2017B (\$131,050,000), Series 2017C (\$39,485,000), Series 2017D (\$22,150,000) and Series 2017E (\$17,690,000)

### Program: Public School Districts

Purpose: New Money / Refinancing



<sup>4</sup> Estimated at closing.

<sup>5</sup> Paid as of 3/31/18.



### \$302,510,000

### School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017A (\$92,135,000), Series 2017B (\$131,050,000), Series 2017C (\$39,485,000), Series 2017D (\$22,150,000) and Series 2017E (\$17,690,000)

### Program: Public School Districts

Purpose: New Money / Refinancing

### **Market Conditions**

The Series 2017A-E transaction consisted of 40 school districts separated into five series of bonds. The bonds were offered to retail investors on May 9, 2017 and to institutional investors on May 10, 2017.

The Series 2017A Bonds were rated NR/A+/AA-. Bond insurance was added for the 2026-2035 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.17% in 2019 to 3.64% in 2035. Spreads to the AAA MMD ranged from 14 to 83 basis points.

The Series 2017B Bonds were rated Aa3/NR/AA-. Bond insurance was added for the 2026-2046 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.15% in 2019 to 3.87% in 2046. Spreads to AAA MMD ranged from 12 to 85 basis points.

The Series 2017C Bonds were rated NR/AA-/AA-. Bond insurance was added for the 2026-2032 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.15% in 2019 to 2.96% in 2032. Spreads to the AAA MMD ranged from 12 to 35 basis points.

The Series 2017D Bonds were rated Aa2/NR/AA-. The Bonds were offered to retail investors with yields ranging from 1.13% in 2019 to 2.96% in 2032. Spreads to the AAA MMD ranged from 10 to 35 basis points.

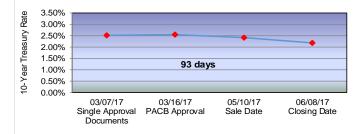
The Series 2017E Bonds were rated NR/A+/AA-. Bond insurance was added for the 2022-2029 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.23% in 2019 to 2.94% in 2029. Spreads to the AAA MMD ranged from 20 to 54 basis points.

For each Series, the 2018 maturity was offered as a sealed bid.

At the end of the day on May 9<sup>th</sup>, the market was weaker with both the 10-year and 30-year AAA-MMD yields up one basis point to 2.18% and 3.04%, respectively. The underwriter received a very strong response from retail investors with nearly \$313 million in total orders, including \$55.2 million for the 2017A Bonds, \$167.9 million for the 2017B Bonds, \$44.1 million for the 2017C Bonds, \$19.3 million for the 2017D Bonds and \$26.4 million for the 2017E Bonds. Interest from retail investors was across all maturities, with most oversubscriptions between one and two times. Maturities that were fully sold in the retail order period were not offered to institutional investors in an effort to drive institutions toward the unsold maturities. The Underwriter lowered yields on the oversold maturities by one to two basis points and left open the possibility of further reducing yields after the institutional order period.

On the day of institutional pricing, prices of top-rated municipal bonds were stronger with the 10-year MMD down one basis point to 2.17% and the 30-year down three basis points at 3.01%. The Underwriter received a good response from institutional investors for the remaining maturities. A total of just under \$141 million in institutional orders were received, including \$90.1 million for the 2017A Bonds, \$41.8 million for the 2017B Bonds, \$1.6 million for the 2017C Bonds, and \$7.1 million for the 2017D Bonds. No more orders were taken on the 2017E Bonds with the exception of the sealed bid for the 2018 maturity. The sealed bids for the 2018 maturities resulted in yields ranging from .97% on the 2017D Bonds to 1.10% on the 2017E Bonds. Following the institutional order periods, yields on oversold maturities from both the retail and institutional order periods. The Underwriter took in approximately \$15 million of unsold balances with no adjustments to those yields.

### **Performance Metrics**



#### Days to Market

Goal: 150-180 Days

Actual Days to Market: 93

This transaction is the first tranche issued of the \$500 million programmatic authorization adopted by the DASNY Board in March 2017.

#### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was priced fairly.



School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (\$159,065,000), Series 2017G (\$116,745,000), Series 2017H (\$11,680,000), Series 2017I (\$8,895,000) and Series 2017J (\$2,795,000)

Program: Public School Districts

Purpose: Refunding

### The Institutions

The 54 public school districts are located in different areas of the State, are of varying geographic and demographic size and have varying economic, financial and indebtedness characteristics.

### Participants

School District	Principal Amount of <u>Loan</u>
Series 2017F:	
Alexander Central School District	\$1,640,000
Andover Central School District	1,435,000
Arkport Central School District	3,150,000
Averill Park Central School District	3,900,000
Belfast Central School District	4,795,000
Caledonia-Mumford Central School District	1,770,000
Central Valley Central School District	3,410,000
Chazy Central Rural School District	2,200,000
Cherry Valley Springfield Central School District	2,880,000
City School District of the City of Albany	16,140,000
City School District of the City of Amsterdam	8,965,000
City School District of the City of Norwich	12,825,000
City School District of the City of Oneida	3,715,000
Dolgeville Central School District	2,735,000
Fort Plain Central School District	8,315,000
Gilbertsville-Mt. Upton Central School District	2,810,000
Herkimer Central School District	3,150,000
Johnson City Central School District	5,245,000
LaFargeville Central School District	3,720,000
Lansingburgh Central School District at Troy	4,020,000
Lyncourt Union Free School District	1,770,000
Moriah Central School District	2,400,000
Norwood-Norfolk Central School District	2,095,000
Oppenheim-Ephratah-St. Johnsville Central School District	1,845,000
Otego-Unadilla Central School District	4,595,000
Phoenix Central School District	8,730,000
Pulaski Academy & Central School District	3,380,000
Sherman Central School District	2,835,000
South Lewis Central School District	6,555,000
Trumansburg Central School District	3,510,000

Wayland-Cohocton Central School District	3,655,000
Wellsville Central School District	9,945,000
Whitney Point Central School District	10,930,000
Series 2017G:	
Adirondack Central School District	\$2,550,000
Brockport Central School District	6,465,000
Camden Central School District	8,080,000
Catskill Central School District	7,200,000
City School District of the City of Binghamton	3,230,000
City School District of the City of Fulton	7,220,000
City School District of the City of Oneonta	4,120,000
City School District of the City of Oswego	12,080,000
City School District of the City of Rome	9,245,000
City School District of the City of Sherrill	1,990,000
Greene Central School District	10,435,000
Indian River Central School District at Philadelphia	13,765,000
Lowville Academy and Central School District	8,585,000
North Syracuse Central School District	2,810,000
Panama Central School District	2,540,000
Red Creek Central School District	5,125,000
South Glens Falls Central School District	2,470,000
Waverly Central School District	8,835,000
Series 2017H:	
East Irondequoit Central School District	\$11,680,000
Series 2017I:	
Ticonderoga Central School District	\$8,895,000
Series 2017J:	
Enlarged City School District of Troy	\$2,795,000

#### **Purpose of Issue**

The Series 2017F-J Bonds were issued to refund a portion of DASNY's outstanding School District Revenue Bond Financing Program Revenue Bonds, Series 2008A, Series 2009A and B, Series 2010A-D, Series 2011A and B, and Series 2011D-H.



## School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (\$159,065,000), Series 2017G (\$116,745,000), Series 2017H (\$11,680,000), Series 2017I (\$8,895,000) and Series 2017J (\$2,795,000)

### Program: Public School Districts

#### **New Issue Details**

\$299,180,000

new is:	sue D					
Sale Date		October 5, 201				
BPA Sign	ed:	October 6, 201	7			
Bond Clo	sing:	November 9, 20	017			
Type of S	ale:	Negotiated				
Type of B	onds:	Tax Exempt Fix	ed Rate			
Series 20	17F					
		: October 1, 20	40			
		Cost 2.17%		Net Interest	Cost 2.36%	
		rket Data <sup>1</sup> 2.73%	6	Final Maturity		
Series 20	•					
		: October 1, 20	40			
Truc	ntoroct	Cost 2.12%	40	Net Interest	Cost 2 22%	
		rket Data <sup>1</sup> 2.73%	1	Final Maturity		
	•		0	i mai maturity	Tielu 5.4076	
Series 20		0.1.1.00				
		: October 1, 20	41		0 0 4 4 9 /	
		Cost 3.00%	,	Net Interest		
wunic	ipai ivia	rket Data <sup>1</sup> 2.75%	<b>′</b> o	Final Maturity	rield 3.41%	
Series 20						
		: October 1, 20	30			
		Cost 2.40%		Net Interest		
Munic	ipal Ma	rket Data <sup>1</sup> 2.24%	6	Final Maturity	Yield 3.04%	
Series 20	17J					
		: October 1, 20	23			
		Cost 1.71%		Net Interest	Cost 1.82%	
Munic	ipal Ma	rket Data <sup>1</sup> 1.50%	6	Final Maturity	Yield 1.73%	
Credit I	Enhan	cement (Pa	rtial)			
Firm:		merica Mutual A		e Company		
	NR/AA			ie eenipaliy		
Type:		nsurance				
Ratings		a al a who size as )				
		nderlying)	о о <b>р</b> .	۸.		
	dy's: N		S & P:	A+	Fitch: AA-	
	•	nderlying)				
Моо	dy's: A	a3	S & P:	NR	Fitch: AA-	
Series 20	17H (U	nderlying)				
Моо	dy's: A	a2	S & P:	NR	Fitch: AA-	
Series 20	17I (Un	derlying)				
	dy's: N		S & P:	A+	Fitch: AA-	
Series 20	-					
	dy's: A		S & P:	ND	Fitch: AA-	
1000	uy 3. A	40	501			

#### Underwriters

Lead Manager:	RBC
Co-Lead Manager:	Roos
Co-Managers	Citig
-	Drex
	Fide
	Gold
	KeyE
	Misc
	M&T
	Ram
	_

#### RBC Capital Markets Roosevelt & Cross Incorporated Citigroup Drexel Hamilton<sup>2</sup> Fidelity Capital Markets Goldman, Sachs & Co. LLC KeyBanc Capital Markets Inc. Mischler Financial Group, Inc.<sup>2</sup> M&T Securities, Inc. Ramirez & Co., Inc.<sup>3</sup> Raymond James Rice Financial Products Company<sup>3</sup> The Williams Capital Group, L.P.<sup>3</sup> Wells Fargo Securities

MWBE Participation	
Ramirez & Co., Inc.	
Retail Orders:	3,000,000
Institutional Orders:	1,500,000
Member Orders:	10,000,000
Allotments:	1,555,000
Designations:	\$24,053
Rice Financial Products Company	
Retail Orders:	1,000,000
Institutional Orders:	0
Member Orders:	500,000
Allotments:	480,000
Designations:	\$7,174
The Williams Capital Group, L.P.	
Retail Orders:	1,500,000
Institutional Orders:	0
Member Orders:	3,600,000
Allotments:	300,000
Designations:	\$8,786
Total % of Designations to MWBE Firms:	3.28%
Marous Law Group P.C.	
Co-Bond Counsel	\$55,000
Law Offices of Joseph C. Reid, P.A.	
Co-Underwriter's Counsel	\$96,000

#### Veterans Participation

Drexel Hamilton	
Retail Orders:	14,635,000
Institutional Orders:	0
Member Orders:	0
Allotments:	7,645,000
Designations:	\$45,812
Mischler Financial Group, Inc.	
Retail Orders:	3,515,000
Institutional Orders:	0
Member Orders:	300,000
Allotments:	1,160,000
Designations:	\$5,907
Total % of Designations to Veterans Firms	4.24%

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 10/5/17. <sup>2</sup> Service Disabled Veterans Owned Business (SDVOB) firm.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: DAVID OSTRANDER (518) 257-3164 <sup>3</sup> MWBE firm.



Purpose: Refunding

## School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (\$159,065,000), Series 2017G (\$116,745,000), Series 2017H (\$11,680,000), Series 2017I (\$8,895,000) and Series 2017J (\$2,795,000)

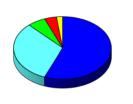
### Program: Public School Districts

Purpose: Refunding

Underwriter's Spread – Series 207 Management Fee Average Takedown	17F <u>\$/1000</u> \$1.00 4.00	Amount \$ 159,065 636,138
Expenses Co-Underwriter's Counsel:	.27	42,226
Katten Muchin Rosenman LLP Law Offices of Joseph C. Reid, P.A. <sup>3</sup> Total Underwriter's Discount	.84 <u>.36</u> \$6.47	134,108 <u>57,475</u> \$1,029,012
Underwriter's Spread – Series 203		Amount
Management Fee	\$1.00	\$116,745
Average Takedown	4.11	479,706
Expenses Co-Underwriter's Counsel:	.21	24,300
Katten Muchin Rosenman LLP	.66	76,658
Law Offices of Joseph C. Reid, P.A. <sup>3</sup> Total Underwriter's Discount	<u>.28</u> \$6.26	<u>32,853</u> \$730,262
Underwriter's Spread – Series 203		Amount
Management Fee	\$1.00	\$ 11,680
Average Takedown	4.59	53,594
Expenses Co-Underwriter's Counsel:	.35	4,121
Katten Muchin Rosenman LLP	.42	4,866
Law Offices of Joseph C. Reid, P.A. <sup>3</sup>	.18	2,086
Total Underwriter's Discount	\$6.54	\$76,347
Underwriter's Spread – Series 203 Management Fee	171 <u>\$/1000</u> \$1.00	Amount
Average Takedown	4.44	\$8,895 39,475
Expenses	.34	2,996
Co-Underwriter's Counsel:	54	4 5 4 4
Katten Muchin Rosenman LLP Law Offices of Joseph C. Reid, P.A. <sup>3</sup>	.51 22	4,541 <u>1,946</u>
Total Underwriter's Discount	\$6.51	\$57,853
Underwriter's Spread – Series 203		
Management Fee	\$1.00	\$2,795
Average Takedown Expenses	3.38 .68	9,444 1,898
Co-Underwriter's Counsel:		,
Katten Muchin Rosenman LLP	1.37	3,827
Law Offices of Joseph C. Reid, P.A. <sup>3</sup> Total Underwriter's Discount	<u>.59</u> \$7.02	<u>1,640</u> \$19,604
	ψ1.02	ψ10,004
Savings Analysis Series 2017F		
PV Savings: \$8,254,278	% of PV Sav	rings: 5.06%
Series 2017G PV Savings: \$6,918,877	% of PV Sav	rings: 5.73%
Series 2017H PV Savings: \$1,199,795	% of PV Savir	ngs: 10.28%
Series 2017I PV Savings: \$434,341	% of PV Sav	vings: 4.68%
Series 2017J		-
PV Savings: \$142,736	% of PV Sav	rings: 5.30%

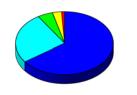
Costs of Issuance	Estimated <sup>4</sup>	<u>Actual<sup>5</sup></u>	
Bond Insurance	\$51,634	\$51,634	
Co-Bond Counsel: Orrick, Herrington	820,000	655,974	
Co-Bond Counsel: Marous Law Group PC	<sup>3</sup> 110,000	55,000	
DASNY Fee	250,000	250,000	
Escrow Agent	17,000	17,000	
Escrow Agent Counsel	28,000	28,000	
Financial Advisors:	1,673,851	1,673,851	
<ul> <li>Bernard P. Donegan, Inc.</li> </ul>			
- Fiscal Advisors and Marketing, Inc.			
Institution Bond Counsels:	1,448,552	1,448,552	
<ul> <li>Barclay Damon, LLP</li> </ul>			
<ul> <li>Bond, Schoeneck &amp; King, PLLC</li> </ul>			
<ul> <li>Hodgson Russ LLP</li> </ul>			
<ul> <li>Law Offices of Timothy R. McGill, Esq.</li> </ul>			
<ul> <li>Orrick, Herrington &amp; Sutcliffe LLP</li> </ul>			
<ul> <li>Squire Patton Boggs LLP</li> </ul>			
<ul> <li>The Law Offices of Jeffery E. Storch</li> </ul>	1 IIII		
<ul> <li>Trespasz &amp; Marquardt, LLP</li> </ul>			
Miscellaneous	500	0	
Printing	10,000	7,261	
Rating Agencies	216,050	216,050	
Refunded Bond Tax Counsel	32,700	32,700	
Trustee: U.S. Bank National Association	52,713	50,213	
Trustee Counsel: Buchanan Ingersoll	16,250	16,250	
Underwriter's Discount	1,913,078	1,913,078	
Verification Agent	2,500	3,000	
Total	\$6,642,828	\$6,418,563	
Bond Allocation Series 20175			

Bond Allocation – Series 2017F



Money Managers (56%)
Bond Funds (32%)
Broker/Dealers (6%)
Individuals/Retail (4%)
Insurance (2%)

Bond Allocation - Series 2017G



Money Managers (65%)
Bond Funds (26%)
Broker/Dealers (5%)
Insurance (3%)
Individuals/Retail (1%)

<sup>5</sup> Paid as of 3/31/18.

<sup>4</sup> Estimated at closing.



### \$299,180,000

### School Districts Revenue Bond Financing Program Revenue Bonds, Series 2017F (\$159,065,000), Series 2017G (\$116,745,000), Series 2017H (\$11,680,000), Series 2017I (\$8,895,000) and Series 2017J (\$2,795,000)

### Program: Public School Districts

### Purpose: Refunding

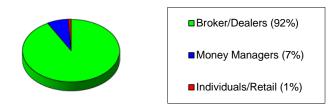
### Bond Allocation – Series 2017H

Money Managers (84%)
Broker/Dealers (10%)
Individuals/Retail (6%)

### Bond Allocation – Series 2017/



### Bond Allocation – Series 2017J



### **Market Conditions**

The Series 2017F-J transaction consisted of 54 school districts separated into five series of bonds. The bonds were offered to retail investors on October 4, 2017 and to institutional investors on October 5, 2017.

The Series 2017F Bonds were rated NR/A+/AA-. Bond insurance was added for the 2027-2040 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.02% in 2018 to 3.47% in 2040. Spreads to the AAA MMD ranged from 8 to 75 basis points.

The Series 2017G Bonds were rated Aa3/NR/AA-. Bond insurance was added for the 2032-2040 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from .99% in 2018 to 3.42% in 2040. Spreads to AAA MMD ranged from 5 to 70 basis points.

The Series 2017H Bonds were rated Aa2/NR/AA-. The Bonds were offered to retail investors with yields ranging from .98% in 2018 to 3.41% in 2041. Spreads to the AAA MMD ranged from 4 to 67 basis points.

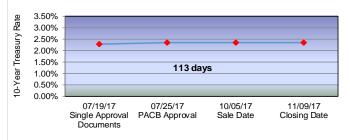
The Series 2017I Bonds were rated NR/A+/AA-. Bond insurance was added for the 2027-2030 maturities, elevating the S&P rating on those bonds to AA. The Bonds were offered to retail investors with yields ranging from 1.02% in 2018 to 2.62% in 2030. Spreads to the AAA MMD ranged from 8 to 42 basis points.

The Series 2017J Bonds were rated Aa3/NR/AA-. The Bonds were offered to retail investors with yields ranging from .99% in 2018 to 1.73% in 2023. Spreads to the AAA MMD ranged from 5 to 23 basis points.

The market finished unchanged on the day of retail pricing, with both the 10-year and 30-year AAA-MMD yields unchanged at 2.01% and 2.82%, respectively. The underwriter received a strong response from retail investors with over \$296 million in total orders including \$115.0 million for the 2017F Bonds, \$170.9 million for the 2017G Bonds, \$9.8 million for the 2017H Bonds, \$765,000 for the 2017I Bonds and \$225,000 for the 2017J Bonds. Interest from retail investors was across all maturities, with most oversubscriptions between one and three times.

Going into the institutional order period, the underwriter offered all of the unsold maturities and up to 50% of each oversold maturity to institutional investors. No yield adjustments were made until after the institutional order period. On the day of institutional pricing, prices of top-rated municipal bonds were mixed with the 10-year MMD unchanged at 2.01% and the 30-year up one basis point to 2.83%. The Underwriter received a good response from institutional investors for the remaining maturities. A total of just over \$372 million in institutional orders were received, including \$200.8 million for the 2017F Bonds, \$159.6 million for the 2017G Bonds, \$5.0 million for the 2017H Bonds, and \$7.0 million for the 2017I Bonds. No institutional orders were received on the 2017J Bonds, mainly due to the smaller block sizes. Following the institutional order period, yields on oversold maturities from both the retail and institutional order periods were reduced by one to five basis points while some maturities with unsold balances were increased between one and three basis points. The Underwriter took in unsold balances.

#### **Performance Metrics**



#### Days to Market Goal: 150-180 Days

Actual Days to Market: 113

This transaction is the first tranche issued of the 500 million programmatic authorization adopted by the DASNY Board in July 2017.

### Pricing

DASNY<sup>T</sup> reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was priced fairly.

DIVISION OF PUBLIC FINANCE AND PORTFOLIO MONITORING PORTIA LEE, MANAGING DIRECTOR ANALYST: DAVID OSTRANDER (518) 257-3164





### \$15,766,981.26

### Silvercrest Center for Nursing and Rehabilitation Private Placement Revenue Bonds, Series 2017

Program: Other Independent Institutions

Purpose: Private Placement / New Money / Refinancing

### The Institution

The Silvercrest Center for Nursing and Rehabilitation is a not-for-profit corporation that operates a 320-bed skilled nursing facility in Queens, New York.

### **Purpose of Issue**

The Series 2017 Bonds were issued to refinance the Center's mortgage loan, refinance the Center's capital lease and for equipment purchases, renovations and upgrades to the facility.

### Breakdown

New Money: \$ 4,750,000.00 Refinancing: \$11,016,981.26

### **New Issue Details**

	otano	
Sale Date:	August 30, 2017	
BPA Signed:	August 30, 2017	
Bond Closing:	August 30, 2017	
Type of Sale:	Private Placement	
Type of Bonds:	Tax Exempt Term Rate	e
	(Fixed Rate of Interest	for 10 Years)
Conversion Date	e: August 30, 2027	
Final Maturity:	March 1, 2036	
True Interest Co	st 2.94%	Net Interest Cost 2.92%
Municipal Marke	t Data <sup>1</sup> 1.86%	Conversion Date Yield 2.68%

#### Ratings Moody's: NR

S & P: NR

Fitch: NR

### **Placement Agent/Purchaser**

Placement Agent: N/A Purchaser: TD Bank, N.A.

MWBE Participat	ion	
D. Seaton & Associates PA, PC Co-Bond Counsel		\$60,000
Costs of Issuance	Estimated <sup>2</sup>	Actual <sup>3</sup>
Bank Expenses	\$ 49,564	\$46,930
Bank Counsel: Harris Beach PLLC	92,500	75,000
Bond Counsel: Squire Patten Boggs	125,000	125,347
Co-Bond Counsel: D. Seaton & Assoc. <sup>4</sup>	60,000	60,000
Borrower Counsel: Dennett Law Offices	100,000	100,000
DASNY Fee	100,000	100,000
Financial Advisor: Cain Brothers & Co.	169,659	169,659
NYSRA Fee	19,709	19,209
NYSRA Counsel: Bond, Schoeneck & King	g 5,000	5,000
Survey	1,409	0
TEFRA	5,725	5,725
Title Insurance	38,821	41,500
Trustee: US Bank NA Trustee Counsel:	1,000	1,000
Buchanan Ingersoll & Rooney PC Total	<u>2,000</u> \$770,387	<u>2,000</u> \$751,870

 <sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 08/30/17 based on the conversion date of 08/30/2027.
 <sup>2</sup> Estimated at closing.

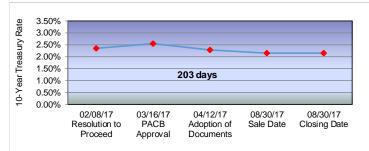
### **Bond Allocation**



### **Market Conditions**

The transaction consisted of one series of 19-year tax-exempt bonds which were privately-placed with TD Bank, N.A. (the "Bank"). The Bank may tender the bonds in 2027, ten years after issuance. The Bonds will bear interest at a fixed rate for a term of ten years. The rate is equal to seventy percent of 110 basis points over the Bank's cost of funds. The 10-year term rate was set at 2.68%. The Municipal Market was slightly stronger with the 10-year and 30-year MMD both decreasing by two basis points to yield a 1.86% and a 2.71%, respectively. U.S. Treasuries were slightly stronger as well with the 10-year yield decreasing by two basis points to yield a 2.14%. The 30-year Treasury bond was unchanged at 2.75%.

### **Performance Metrics**



### Days to Market

Goal: 150-180 Days

Actual Days to Market: 203 Days 5

#### Pricing

This transaction was a private placement and the rate was based on TD Bank's credit assessment.

<sup>4</sup> MWBE firm.

<sup>5</sup> Delays due to the length of the audit review process which led to expiration of the bank commitment and the need for the extension of the bank commitment.



<sup>&</sup>lt;sup>3</sup> Paid as of 3/31/18.

### \$344,665,000

### State University of New York Dormitory Facilities Revenue Bonds, Series 2017A

Program: SUNY Dormitory Facilities Revenue Bonds

Purpose: New Money/Refunding

### The System

The State University of New York ("SUNY") is the largest comprehensive state-supported higher education system in the United States. The SUNY system is comprised of four University Centers (two of which include Health Sciences Centers), two additional Health Science Centers, thirteen University Colleges, two Specialized Colleges, eight Colleges of Technology and five Statutory Colleges. SUNY's Residence Hall Program operates on 25 of the 29 SUNY Campuses. There are approximately 400 Dormitory Facilities in the Residence Hall Program.

### Purpose of Issue

The Series 2017A Bonds were issued to fund one year of SUNY's capital plan for the construction and rehabilitation of various Dormitory Facilities and to refund certain DASNY's Lease Revenue Bonds (State University Dormitory Facilities Issue), Series 2008A, 2009A, 2010A, 2011A and 2012A.

### Breakdown

New Money: Refunding:

\$132,970,000 \$211,695,000

#### New Issue Details

Sale Date: April 18, 2017 April 19, 2017 **BPA Signed:** Bond Closing: April 27, 2017 Type of Sale: Negotiated Type of Bonds: Tax Exempt Fixed Rate Final Maturity: July 1, 2046 True Interest Cost 3.15% Net Interest Cost 3.55% Municipal Market Data<sup>1</sup> 2.85% Final Maturity Yield 3.19%

S & P: NR

#### Ratings Moody's: Aa3

Underwriters Siebert Cisneros Shank & Co., L.L.C.<sup>2</sup> Lead Manager: Co-Lead Manager: BofA Merrill Lynch Academy Securities<sup>3</sup> Co-Managers: Citigroup FTN Financial Capital Markets Jefferies KeyBanc Capital Markets Inc. Mischler Financial Group, Inc.<sup>3</sup> Morgan Stanley M&T Securities, Inc. Ramirez & Co., Inc.<sup>2</sup> Rice Financial Products Company<sup>2</sup> Roosevelt & Cross Incorporated Stifel

MWBE Participation			
Siebert Cisneros Shank & Co., L.L.C. Retail Orders: Institutional Orders: Member Orders: Allotments:	\$434,730,000 823,745,000 2,905,000 321,115,000		
Designations:	\$272,252.38		
Ramirez & Co., Inc. Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	\$2,350,000 0 22,000,000 950,000 \$26,554.92		
Rice Financial Products Company	\$20,00 1102		
Retail Orders: Institutional Orders: Member Orders: Allotments: Designations:	\$12,600,000 200,000 7,500,000 3,620,000 \$6,239.75		
Total % of Designations to MWBE Firms	33.97%		
Drohan Lee Co-Bond Counsel	\$25,000		
Law Office of Joseph C. Reid, P.A. Co-Underwriter Counsel	\$32,000		

#### Veterans Participation Academy Securities, Inc. Retail Orders: \$2,485,000 Institutional Orders: 0 Member Orders: 1,000,000 1,485,000 Allotments: Designations: \$28,813.84 Mischler Financial Group, Inc. Retail Orders: \$500,000 Institutional Orders: 0 Member Orders: 0 Allotments: 500,000 Designations: \$28,543,84 Total % of Designations to Veterans Firms\* 6.39%

Underwriter's Spread – Series 2017A	<u>\$/1000</u>	Amount
Management Fee	\$ 0	\$ 0
Average Takedown	4.15	1,428,790
Expenses	0.14	48,190
Underwriter's Counsel: Dentons	.22	75,000
Co-Underwriter's Counsel:		
Law Offices of Joseph C. Reid, P.A. <sup>2</sup>	.09	32,000
Total Underwriter's Discount	\$4.60	\$1,583,980
Savings Analysis		
Net PV Savings: \$19,398,098	% of PV S	avings: 8.58%

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' 2046 maturity as of 4/18/17. <sup>2</sup> MWBE firm.

<sup>3</sup> Service Disabled Veterans Owned Business (SDVOB) firm.



Fitch: A+



* Includes selling group members	
<b>Inderwriter's Spread</b> – Series 2017A Ianagement Fee	<u>\$/1000</u> \$ 0
verage Takedown	4 15

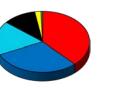
Actual Days to Market: 50 Days

### \$344,665,000 State University of New York Dormitory Facilities Revenue Bonds, Series 2017A

Program: SUNY Dormitory Facilities Revenue Bonds

### Purpose: New Money/Refunding

### **Bond Allocation**



Individuals/Retail (38%)
 Money Managers (30%)
 Bond Funds (18%)
 Arbitrage/Hedge Funds (11%)

Arbitrage/Hedge Funds (1)
 Insurance (2%)

Broker/Dealers (<1%)

<b>Costs of Issuance</b>	<u>Estimated</u> <sup>4</sup>	<u>Actual</u> ⁵
Co-Bond Counsel: Nixon Peabody	\$85,000	\$82,547
Co-Bond Counsel: Drohan Lee <sup>2</sup>	25,000	25,000
Disclosure Fee	10,000	10,000
Escrow Agent	1,000	1,000
Financial Advisor: PFM Group Miscellaneous Printing Rating Agencies State Bond Issuance Charge Trustee: US Bank NA Trustee Counsel: Buchanan Ingersoll & Rooney PC Underwriter's Discount	25,000 0 10,000 200,500 2,871,069 200 1,000 1,583,980	25,000 1,500 3,860 200,500 2,871,069 200 1,000 1,583,980
Verification	<u>2,250</u>	<u>2,250</u>
Total	\$4,814,999	\$4,807,906

### **Market Conditions**

The SUNY Dorms transaction was scheduled to price with a retail order period on Tuesday April 18th, and an Institutional pricing the following day. On the morning of the retail order period, the Treasury Market was relatively flat. The lead underwriter offered retail investors serial bonds maturing July 1, 2019 through July 1, 2038 and Term bonds with July 1. 2042 and 2037 maturities. The bonds were 5% coupons, with the exception of four maturities, one of which was a sealed bid at 2% coupon, the 2019 Serial at a 4% coupon, 2033 at 3.25% coupon and 2036 at 3.5% coupon. The retail marketing went very well with all maturities available being oversubscribed. The underwriter suggested accelerating the Institutional order period up to that afternoon of April 18. Before issuing the wire for the Institutional order period, the underwriter recommended yield adjustments from 1 to 3 basis points throughout the curve. By the time the Institutional order period ended, the transaction was oversubscribed by 4.05 times. This resulted in the underwriter recommending additional adjustments from 1 to 6 additional basis points throughout the curve. At the conclusion of the pricing the yield on the 2042 and 2046 maturity was spread 29 and 28 basis points respectively to 2042 and 2046 MMD. The ten year treasury closed the day at 2.18%.

### **Performance Metrics**



#### Days to Market Goal: 90-120 Days

#### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.

<sup>4</sup> Estimated at closing.

5 Paid as of 3/31/18.



### \$64,015,000 Touro College and University Obligated Group Revenue Bonds, Series 2017

Program: Independent Colleges and Universities

### The Obligated Group

The current members of the Obligated Group are Touro College, New York Medical College, Touro University Nevada and Touro University (California).

### **Purpose of Issue**

The Series 2017 Bonds were issued to finance the acquisition and renovation of four stories of a building in Manhattan to be used for student housing, fund the debt service reserve fund and pay capitalized interest.

### **New Issue Details**

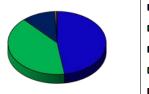
Sale Date:	December 18, 2			
BPA Signed:	December 19, 2	2017		
Bond Closing:	December 28, 2	2017		
Type of Sale:	Negotiated			
Type of Bonds:	Tax Exempt Fixed Rate			
Final Maturity:	January 1, 2047	7		
True Interest (	Cost 4.41%		Net Interest	Cost 4.62%
Municipal Mar	arket Data <sup>1</sup> 2.62% Final Maturity Yield 3.83%		Yield 3.83%	
Ratings				
Moody's: NR		S & P: NR	l	Fitch: BBB-

### Underwriter

Lead Manager: Stifel

MWBE Participati	on	
Golden Holley James LLP \$51,215 Co-Bond Counsel		\$51,215
Underwriter's Spread Management Fee Average Takedown Expenses Underwriter's Counsel: Bryan Cave LLP Total Underwriter's Discount	\$/1000 \$4.88 6.37 0.16 <u>1.17</u> \$12.58	<u>Amount</u> \$312,694 407,475 9,908 <u>75,000</u> \$805,077

### **Bond Allocation**



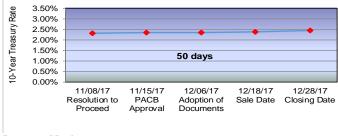
Money Managers (48)
Mutual Funds (41%)
■Arbitrage/Hedge Funds (11%)
■Broker/Dealers (<1%)
■Retail (<1%)

#### Costs of Issuance Estimated<sup>2</sup> Actual<sup>3</sup> Co-Bond Counsel: Hawkins Delafield & Wood LLP \$175,000 \$175,000 Co-Bond Counsel: Golden Holley James LLP<sup>4</sup> 52,500 51,215 DASNY Fee 200,000 200,000 **Disclosure Fee** 0 10,000 **Dissemination Agent Fee** 10.000 0 Financial Advisor: Optimal Capital 81,107 81,107 Institution Counsel: Orrick, Herrington & Sutcliffe LLP 213,440 213,440 Printing 10,000 4,763 Rating Agency 51,226 50,000 TEFRA 4,453 4,453 Trustee: Bank of NY Mellon 3,000 3,000 Trustee Counsel: Buchanan Ingersoll & Rooney PC 5,000 5.000 Underwriter's Discount 805,077 805,077 Total \$1,610,803 \$1,603,055

### **Market Conditions**

In an unusually busy Monday, the municipal market ended up weaker as municipal bond issuers entered the market in force in an effort to get deals done before the end of the year. Both the 10-year and 30-year MMD increased by four basis points to yield a 2.03% and a 2.62%, respectively. U.S. Treasuries were also weaker with the 10-year yield increasing by three basis points and the 30-year yield increasing by five basis points to yield a 2.39% and a 2.74%, respectively. The transaction originally consisted of serial bonds from 2030 to 2032 and term bonds in 2035, 2037, 2039, 2042, 2043 and 2047. The bonds were unenhanced and were rated BBB- by Fitch. With a weaker market and lack of investor demand, the underwriter changed the structure to create a serial bond in 2043 and term bonds in 2033, 2038, 2042 and 2047. Yields were increased by five basis points in the 2033, 2038 and 2042 maturities from prior levels of the corresponding original maturities.

### **Performance Metrics**



### Days to Market

Goal: 90-120 Days

Actual Days to Market: 50 Days

<sup>1</sup> Thomson Reuters. Municipal Yield Curve – 'AAA' match maturity as of 12/18/17 <sup>2</sup> Estimated at closing. <sup>3</sup> Paid as of 3/31/18. <sup>4</sup> MWBE firm.



Purpose: New Money

### \$64,015,000 Touro College and University Obligated Group Revenue Bonds, Series 2017

Program: Independent Colleges and Universities

Purpose: New Money

### Pricing

DASNY reviews every negotiated pricing to determine whether or not the transaction was fairly priced. This review involves reviewing all trades from the time the bonds are free to trade for a period of three consecutive business days. The review involves each maturity of the transaction. DASNY is looking for large trades, \$1 million or more where the price of the trade is higher than the initial offering price. A higher price would result in a lower yield and may indicate that the transaction was unfairly priced. The review and determination takes into consideration market fluctuation, credit spreads and any other factors that might affect the price from the time of sale through the end of the review period.

The transaction was fairly priced.





# **Guidelines for the Sale of Bonds**



## **GUIDELINES FOR THE SALE OF BONDS**

### Section I. Purpose

The purpose of these Bond Sale Guidelines (the "Guidelines") is to establish an administrative framework for the selection of underwriters, the conduct of bond sales by the Dormitory Authority of the State of New York (the "Authority") and to assure that, in the conduct of its bond sales, the Authority implements procedures that are intended to achieve the lowest cost of capital to the Authority's borrowers. The Guidelines also provide for: (a) broad participation of investment banking firms in Authority bond sales; (b) fair and competitive pricing of bonds of the Authority; and (c) implementation of the Authority's Opportunity Program policies by encouraging Minority and Women-Owned Business Enterprise (MWBE) participation in Authority bond sales and requiring equal employment opportunities and non-discriminatory practices by all investment banking firms which participate in Authority, including those for which bond sale guidelines or similar requirements are mandated by statute.

### Section II. Method of Sale

The members of the Authority shall authorize the sale of bonds by public competitive sale, public negotiated sale or private sale or may delegate to staff of the Authority the power to determine the method of sale provided that such method of sale shall be authorized by the Board only upon the recommendation of the Executive Director and the Managing Director of Public Finance and Portfolio Monitoring. The recommendation of the Executive Director and the Managing Director and the Managing Director of Public Finance and Portfolio Monitoring regarding the method of sale shall be included in the Credit Summary Report.

A. **Public Competitive Sale**. State-supported debt may be sold at a public competitive sale when the credit is well known, the transaction involves a reasonably standard structure, the size of the bond issue is likely to result in competition among several qualified bidders and market conditions are stable. The notice of sale of the bonds shall be disseminated in a manner designed to reach a large number of investment banking firms so as to assure the most efficient sale of the bonds. The notice of sale shall state that the bonds will be awarded to the bidder whose bid to purchase all of the bonds is at a rate of interest which will produce the lowest true interest cost to the Authority and may contain such other provisions as are deemed necessary or appropriate by the Authority under the circumstances.

B. **Public Negotiated Sale**. State-supported debt may be sold at a negotiated sale when the structure of the financing is complex, the bond issue requires structuring assistance from the managing underwriter, the bond issue is for a new or infrequent credit in the market, the size of the bond issue is likely to limit the competition among qualified bidders, the bond issue includes a refunding of bonds previously issued, market conditions are unstable or uncertain or to further MWBE participation. Managing underwriters for a public negotiated sale of bonds shall be selected in accordance with the provisions of Section III of these Guidelines.

C. **Private Placement.** State-supported debt may be sold at private placement when the size of the bond issue or other considerations render it impractical or not cost effective to sell the bonds at public competitive or public negotiated sale or if it is in the best interest of the Authority or its borrowers to sell the bonds through private placement.

Each of the foregoing methods of sale shall also comply with any applicable statutory requirements.

The provisions set forth above regarding the use of public competitive sale, public negotiated sale and private placement for State-supported debt may also apply to bonds issued on behalf of private not-for-profit borrowers and other public non-State-supported debt borrowers. However, the Executive Director and Managing Director of Public Finance and Portfolio Monitoring shall also take into consideration the recommendation of the private not-for-profit borrowers when making his or her recommendation.

### Section III. Selection of Managing Underwriters for Negotiated Sales

A. **Selection.** The Managing Director of Public Finance and Portfolio Monitoring, subject to the approval of the Executive Director, shall implement procedures for the selection of managing underwriters for negotiated bond sales by the Dormitory Authority which shall comply with the general parameters set forth herein.

1. Pre-qualification of Managing Underwriters. It is the policy of the Authority to assure the widest possible selection of qualified firms to serve as managing underwriters of Authority bonds. From time to time, but at least once every two years (with one six month renewal and, upon extraordinary circumstances, an additional six month renewal), the Executive Director shall cause to be issued a Request for Proposals to determine a panel of qualified underwriters that can structure, market and sell bonds for the Authority's financing programs. The Request for Proposals will be designed to elicit responses that will allow the Authority to evaluate the underwriting firm's capability to serve as book-running manager of the Authority's financings for either the Authority's State-supported debt or the Authority's private or other public borrowers. The Executive Director shall request the Managing Director of Public Finance and Portfolio Monitoring to evaluate the responses based on appropriate criteria, and make recommendations in writing to the Executive Director. The Executive Director shall compile a panel of qualified managing underwriters after reviewing the recommendations. The criteria utilized to distinguish and select the pre-qualified panel of managing underwriters may include, but need not be limited, to: (i) the firm's gualifications and experience; (ii) the firm's ability to structure and sell Authority bond issues; (iii) innovative structuring ideas; (iv) anticipated costs to the Authority; (v) prior experience of the Authority with the firm, if any, or the experience of the firm with comparable credits; (vi) the capitalization of the firm; (vii) the firm's ethical standards and practices; (viii) participation of gualified MWBE firms; and (ix) the experience and ability to work with MWBE firms so as to promote and assist participation by such enterprises.

a. Selection of Firms to Serve as Book-running Manager for State-Supported **Debt.** The Executive Director shall select book-running managers for the Authority's public financings from the panel of pre-qualified underwriters. Selection of managing underwriters for specific bond issues will be made by the Executive Director upon the recommendation of the Managing Director of Public Finance and Portfolio Monitoring which takes into account the following factors: (i) inclusion on the pre-qualified panel; (ii) response to a Request for Proposals, as provided in paragraph 2 below, if any; (iii)

support provided to the Authority through the general marketing of Authority bonds and assistance in the development of new financing programs; (iv) an evaluation of any conflict of interest, impropriety or appearance of impropriety; and, (v) such other factors that are deemed relevant to the particular bond issue.

b. Selection of Firms to Serve as Book-running Manager of Bond Sales on Behalf of Private Not-For-Profit Borrowers and Other Public Borrowers. The Board, upon the recommendation of the Executive Director and the Managing Director of Public Finance and Portfolio Monitoring, may authorize the sale of bonds through a managing underwriter that has been recommended by the private not-for-profit borrower or other public borrower or may delegate to staff the authority to select the managing underwriter for any such negotiated sale. The borrower may select a managing underwriter that is included on the pre-qualified panel. In the event that the borrower selects a managing underwriter that is not on the Authority's pre-qualified panel such firm may be considered at the discretion of the Authority based on criteria including (i) response to a Request for Proposals, if any issued by the client; (ii) an evaluation of any conflict of interest, impropriety or appearance of impropriety; and (iii) such other factors that are deemed relevant to the particular bond issue including a determination by the Authority that the appointment of such managing underwriter is in accord with the purpose of these Guidelines as set forth in Section I.

2. **Requests for Proposals for Specific Financings**. As appropriate in connection with the development and marketing of a specific bond issue, the Executive Director may direct the Managing Director of Public Finance and Portfolio Monitoring to issue or cause to be issued a Request for Proposals or letter requesting information from firms on the pre-qualified panel of managing underwriters to solicit specific ideas and recommendations with respect to a specific bond issue and to serve as the basis for the appointment of the book-running managing underwriter and the remaining managing underwriters for the specific bond issue.

B. **Performance Evaluation**. At the completion of each bond sale, an evaluation of the performance of the managing underwriters shall be prepared in the conduct of the sale of the bonds which shall include an evaluation of the pricing, retail and institutional distribution and minority and women owned business participation.

C. **Ethical Considerations**. It is the policy of the Authority to expect the highest ethical standards from its underwriters. The Executive Director shall implement appropriate measures to promote the highest ethical standards and practices in the underwriting of every Authority bond issue.

D. **Promotion of Minority and Women-Owned Business Enterprises**. It is the goal of the Authority to promote and assist participation by Minority and Women-Owned Business Enterprises in the underwriting of the Authority's bonds. This goal shall be considered in the selection of managing underwriters as provided herein.

It is also the Authority's goal to select as managing underwriters those investment banking firms that have evidenced compliance with the law of the State of New York prohibiting discrimination in employment. The Authority recognizes that this goal may be achieved by selecting as managing underwriters those firms that have demonstrated that they do not discriminate in employment. Accordingly, the Authority shall request from investment banking firms such information on employment policies and practices as is necessary to assess such firms' compliance with relevant laws and policies on equal employment opportunity and affirmative action.

### Section IV. Bond Sale Report

The Authority shall annually prepare and approve a Bond Sale Report which shall include the Authority's Guidelines, amendments to such Guidelines since the last Authority report, and, if necessary, an explanation of the Guidelines, and the results of any sale including, but not limited to, the underwriter's discount and true interest cost of each issue of bonds sold during the fiscal year. Such Bond Sale Report shall also identify which of the Authority's bonds sales were conducted as public competitive sales, public negotiated sales and private placements, and shall also identify which, if any, bonds were issued as taxable bonds. The Bond Sale Report shall also describe the participation of minority and women-owned business enterprise firms in such sales. Such Bond Sale Report may be part of any other annual report that the Authority is required to make.

After approval by its Members, the Authority shall annually submit its Bond Sale Report as may be required by law.

Copies of the bond sale report shall also be available to the public upon reasonable request at the Authority's offices.

### Section V. Miscellaneous Provisions

A. **Powers of Amendment.** Any modification or amendment of these Guidelines may be made by a Resolution adopted at any duly constituted meeting of the Members of the Board of the Authority; provided, however, that no such modification or amendment shall abrogate the rights and duties of existing Authority contracts, the terms of which are established pursuant to these Guidelines.

B. **No Recourse Under these Guidelines.** No provision of these Guidelines shall be the basis for any claim based on these Guidelines against the Authority or any Member, officer or employee of the Authority.

C. **Validity of Bonds**. The failure of the Authority to comply with any of the provisions of these Guidelines shall not in any way affect the legality or validity of any bonds issued and sold by the Authority.

D. Effect upon Existing Authority Contracts. These Guidelines shall not affect in any way the rights and duties of the Authority pursuant to contracts with third parties executed prior to the effective date of these Guidelines.

Approved: 2/25/09