

February 26, 2019

David F. Maxwell, Secretary-Treasurer Downtown Savannah Authority PO Box 1027 Savannah, GA 31410

Dear Mr. Maxwell:

The City of Savannah respectfully requests the assistance of the Downtown Savannah Authority through the issuance of bonds to provide funding for the refinancing of currently outstanding principal amounts related to the Downtown Savannah Authority Refunding and Improvement Revenue Bonds, Series 2009B (Taxable).

Sincerely,

Roberto Hernandez

City Manager

# Downtown Savannah Authority, Georgia Approx. \$8,600,000 Refunding Revenue Bond (City of Savannah Project), Series 2019

# **Preliminary Financing Schedule**

February							
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
	1	- 15-41			1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28		_	
			75.0	81	-5.77		

March							
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Y . "			5,	9.00	1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31				14,	3,55		

April							
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30		1 = 1	ς		
9h "			5/21/1			100	

Date	Action Item	Responsibility
	Week of February 18 <sup>th</sup>	
Monday, February 18th	<ul><li>Holiday: President's Day</li></ul>	-
Thursday, February 21st	<ul> <li>Distribute draft Request for Offers (RFO)</li> </ul>	FA
	Week of February 25th	
Wednesday, February 27th	Comments due on draft RFO	ALL
Thursday, February 28th	■ Distribute first draft Bond Resolution and Intergovernmental Contract (IGA)	BC
	Week of March 4th	
Monday, March 4th	■ Comments due on first draft of Bond Resolution & IGA	ALL
Tuesday, March 5 <sup>th</sup>	RFO sent to prospective bank bidders	FA
Thursday, March 7th	■ Distribute revised drafts of Bond Resolution & IGA	ВС
Friday, March 8 <sup>th</sup>	<ul> <li>Publish Notice of DSA Application (3-10 business days before 1<sup>st</sup> reading of DSA Application)</li> </ul>	BC, City
	Week of March 11th	
March 12, 2019	Conditional Call notice distributed to paying agent	ВС
Thursday, March 14 <sup>th</sup>	<ul> <li>City Council Meeting for First Reading of DSA Application</li> <li>Questions from Banks related to RFO due</li> </ul>	CC FA
Friday, March 15 <sup>th</sup>	<ul> <li>Notice of Intent to Issue Bonds (at least 10 days before approval of Bonds)</li> </ul>	BC, City
	Week of March 18th	
Thursday, March 21st	RFO Bids Due (1:00 pm)	City, BC, FA
Friday, March 22nd	<ul> <li>Conditional Call notice distributed to bond holders</li> </ul>	ВС
	Week of March 25th	
Monday, March 25th	Review and discuss submitted bids	City, BC, FA
Wednesday, March 27th	Distribute drafts of bond documents	BC, FA
Thursday, March 28 <sup>th</sup>	<ul> <li>Bond Resolution adopted by the DSA in special called meeting</li> <li>City Council Meeting for Second Reading of DSA Application &amp; Public Hearing</li> </ul>	DSA CC
	City Council approves IGA for financing	СС
Friday, March 29 <sup>th</sup>	<ul> <li>File Bond Validation petition with Chatham Superior Court</li> </ul>	BC
	Week of April 1st	
Week of	■ 1 <sup>st</sup> validation ad published	BC
Tuesday, April 2 <sup>nd</sup>	Comments due on drafts of bond documents	ALL
Thursday, April 4th	Distribute second drafts of bond documents	BC
	Week of April 8th	
Week of	■ 2 <sup>nd</sup> validation ad published	ВС
Tuesday, April 9th	Comments due on second drafts of bond documents	ALL
Thursday, April 11th	Distribution of final closing documents	BC

Week of April 15 <sup>th</sup>				
Week of	Validation order received	BC		
Wednesday, April 18th	<ul> <li>Pre-Closing</li> </ul>	ALL		
Thursday, April 22 <sup>nd</sup>	- Closing	ALL		

Key:
City - City of Savannah, Georgia
DSA - Downtown Savannah Authority
BC - Bond Counsel (Gray Pannell & Woodward LLP)
FA - Financial Advisor (PFM Financial Advisors LLC)
CC - City of Savanah City Council



## SOURCES AND USES OF FUNDS

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

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PRELIMINARY NUMBERS
Bank Loan - 2.75%
2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Dated Date Delivery Date 04/22/2019 04/22/2019

Bond Proceeds:	
Par Amount	8,435,000.00
Other Sources of Funds:	
Sinking Fund Interest	50,412.55
	8,485,412.55
Uses:	
Refunding Escrow Deposits:	
Cash Deposit	6,193,164.75
SLGS Purchases	2,200,117.00
Delivery Date Expenses: Cost of Issuance	8,393,281.75 90,000.00
Other Uses of Funds:	
Additional Proceeds	2,130.80
	8,485,412.55



## BOND SUMMARY STATISTICS

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

# PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Dated Date	04/22/2019
Delivery Date	04/22/2019
First Coupon	08/01/2019
Last Maturity	08/01/2032
•	
Arbitrage Yield	2.750261%
True Interest Cost (TIC)	2.750261%
Net Interest Cost (NIC)	2.750000%
All-In TIC	2.871719%
Average Coupon	2.750000%
Average Life (years)	10.266
Duration of Issue (years)	8.962
,,	
Par Amount	8,435,000.00
Bond Proceeds	8,435,000.00
Total Interest	2,381,214.69
Net Interest	2,381,214.69
Total Debt Service	10,816,214.69
Maximum Annual Debt Service	1,319,575.00
Average Annual Debt Service	814,780.77
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	
Total Underwriter's Discount	
Bid Price	100.000000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Bond Component	8,435,000.00	100.000	2.750%	10.266	7,422.45
	8,435,000.00			10.266	7,422.45
		TIC	All-I		Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount) - Underwriter's Discount	8,435,00	00.00	8,435,000.0	0	8,435,000.00
- Cost of Issuance Expense - Other Amounts			-90,000.0	0	
Target Value	8,435,00	00.00	8,345,000.0	0	8,435,000.00
Target Date Yield	04/22/ 2.7502		04/22/201 2.8717199	5	04/22/2019 2.750261%



#### SUMMARY OF REFUNDING RESULTS

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Dated Date	04/22/2019
Delivery Date	04/22/2019
Arbitrage yield	2.750261%
Escrow yield	2.435046%
Value of Negative Arbitrage	1,881.94
Bond Par Amount	8,435,000.00
True Interest Cost	2.750261%
Net Interest Cost	2.750000%
Average Coupon	2.750000%
Average Life	10.266
Par amount of refunded bonds	8,270,000.00
Average coupon of refunded bonds	5.658440%
Average life of refunded bonds	10.419
PV of prior debt to 04/22/2019 @ 2.750261%	10,529,801.20
Net PV Savings	554,550.72
Percentage savings of refunded bonds	6.705571%
Percentage savings of refunding bonds	6.574401%

#### Notes:

<sup>\*</sup>Preliminary Numbers for discussion purposes only.

<sup>\*\*</sup>Savings assume Net of Subsidy with 6.2% Sequestration reduction through maturity.



#### SUMMARY OF BONDS REFUNDED

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Bond	Maturity Date	Interest Rate	Par Amount	Call Date	Call Price
Cap. Imp. Revenue B	Bonds (City of Sava	nnah Project), T	axable BABsDire	ect Payment, Seri	es 2009B:
SERIAL	08/01/2026	5.500%	1,060,000.00	08/01/2019	100.000
	08/01/2027	5.600%	1,095,000.00	08/01/2019	100.000
TERM29	08/01/2028	5.650%	1,135,000.00	04/22/2019	100.000
	08/01/2029	5.650%	1,180,000.00	04/22/2019	100.000
TERM32	08/01/2030	5.700%	1,220,000.00	04/22/2019	100.000
	08/01/2031	5.700%	1,265,000.00	04/22/2019	100.000
	08/01/2032	5.700%	1,315,000.00	04/22/2019	100.000
	0		8,270,000.00		



#### **SAVINGS**

#### Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Date	Prior Debt Service	Prior Adjustments	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Savings	Present Value to 04/22/2019 @ 2.7502609%
08/01/2019	233,508.75	-82,271.10	50,412.55	100,825.10	63,789.69	37,035.41	36,380.99
08/01/2020	467,017.50	-164,542.20		302,475.30	256,962.50	45,512.80	44,423.24
08/01/2021	467,017.50	-164,542.20		302,475.30	256,275.00	46,200.30	43,876.75
08/01/2022	467,017.50	-164,542.20		302,475.30	255,587.50	46,887.80	43,327.46
08/01/2023	467,017.50	-164,542.20		302,475.30	254,900.00	47,575.30	42,775.91
08/01/2024	467,017.50	-164,542.20		302,475.30	254,212.50	48,262.80	42,222.63
08/01/2025	467,017.50	-164,542.20		302,475.30	253,525.00	48,950.30	41,668.11
08/01/2026	1,527,017.50	-164,542.20		1,362,475.30	1,317,837.50	44,637.80	37,013.91
08/01/2027	1,503,717.50	-139,933.78		1,363,783.72	1,317,862.50	45,921.22	37,019.94
08/01/2028	1,482,397.50	-114,050.60		1,368,346.90	1,317,062.50	51,284.40	40,160.56
08/01/2029	1,463,270.00	-92,997.54		1,370,272.46	1,315,437.50	54,834.96	41,700.62
08/01/2030	1,436,600.00	-71,109.78		1,365,490.22	1,317,987.50	47,502.72	35,125.98
08/01/2031	1,412,060.00	-48,279.80		1,363,780.20	1,319,575.00	44,205.20	31,755.96
08/01/2032	1,389,955.00	-24,607.72		1,365,347.28	1,315,200.00	50,147.28	34,967.86
	13,250,631.25	-1,725,045.72	50,412.55	11,475,172.98	10,816,214.69	658,958.29	552,419.92

## Savings Summary

PV of savings from cash flow	552,419.92
Plus: Refunding funds on hand	2,130.80
Net PV Savings	554.550.72
Net F v Savings	334,330.72

#### Notes

<sup>\*</sup>Preliminary Numbers for discussion purposes only.

<sup>\*\*</sup>Savings assume Net of Subsidy with 6.2% Sequestration reduction through maturity.



## BOND PRICING

#### Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

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#### PRELIMINARY NUMBERS Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Bond Component	Maturity Date	Amount	Rate	Yield	Price
Bond Component:			· · · · · · · · · · · · · · · · · · ·		
Bond Component.	08/01/2020	25,000	2.750%	2.750%	100.000
	08/01/2021	25,000	2.750%	2.750%	100.000
	08/01/2022	25,000	2.750%	2.750%	100.000
	08/01/2023	25,000	2.750%	2.750%	100.000
	08/01/2024	25,000	2.750%	2.750%	100.000
	08/01/2025	25,000	2.750%	2.750%	100.000
	08/01/2026	1,090,000	2.750%	2.750%	100.000
	08/01/2027	1,120,000	2.750%	2.750%	100.000
	08/01/2028	1,150,000	2.750%	2.750%	100.000
	08/01/2029	1,180,000	2.750%	2.750%	100.000
	08/01/2030	1,215,000	2.750%	2.750%	100.000
	08/01/2031	1,250,000	2.750%	2.750%	100.000
	08/01/2032	1,280,000	2.750%	2.750%	100.000
		8,435,000			
	4				
	d Date		04/22/2019		
	very Date		04/22/2019		
First	Coupon		08/01/2019		
50555 A	Amount inal Issue Discount	8,	435,000.00		
	uction erwriter's Discount	8,	435,000.00	100.000000%	
	hase Price rued Interest	8,	435,000.00	100.000000%	
Net	Proceeds	8,	435,000.00		

Notes:

<sup>\*</sup>Preliminary Numbers for discussion purposes only.



#### BOND DEBT SERVICE

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Period Ending	Principal	Coupon	Interest	Debt Service
08/01/2019			63,789.69	63,789.69
08/01/2020	25,000	2.750%	231,962.50	256,962.50
08/01/2021	25,000	2.750%	231,275.00	256,275.00
08/01/2022	25,000	2.750%	230,587.50	255,587.50
08/01/2023	25,000	2.750%	229,900.00	254,900.00
08/01/2024	25,000	2.750%	229,212.50	254,212.50
08/01/2025	25,000	2.750%	228,525.00	253,525.00
08/01/2026	1,090,000	2.750%	227,837.50	1,317,837.50
08/01/2027	1,120,000	2.750%	197,862.50	1,317,862.50
08/01/2028	1,150,000	2.750%	167,062.50	1,317,062.50
08/01/2029	1,180,000	2.750%	135,437.50	1,315,437.50
08/01/2030	1,215,000	2.750%	102,987.50	1,317,987.50
08/01/2031	1,250,000	2.750%	69,575.00	1,319,575.00
08/01/2032	1,280,000	2.750%	35,200.00	1,315,200.00
	8,435,000		2,381,214.69	10,816,214.69



## BOND DEBT SERVICE

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

#### PRELIMINARY NUMBERS Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2019			63,789.69	63,789.69	63,789.69
02/01/2020			115,981.25	115,981.25	
08/01/2020	25,000	2.750%	115,981.25	140,981.25	256,962.50
02/01/2021			115,637.50	115,637.50	
08/01/2021	25,000	2.750%	115,637.50	140,637.50	256,275.00
02/01/2022	1970 marks 17, 10		115,293.75	115,293.75	
08/01/2022	25,000	2.750%	115,293.75	140,293.75	255,587.50
02/01/2023			114,950.00	114,950.00	
08/01/2023	25,000	2.750%	114,950.00	139,950.00	254,900.00
02/01/2024			114,606.25	114,606.25	
08/01/2024	25,000	2.750%	114,606.25	139,606.25	254,212.50
02/01/2025	•		114,262.50	114,262.50	
08/01/2025	25,000	2.750%	114,262.50	139,262.50	253,525.00
02/01/2026			113,918.75	113,918.75	
08/01/2026	1,090,000	2.750%	113,918.75	1,203,918.75	1,317,837.50
02/01/2027			98,931.25	98,931.25	
08/01/2027	1,120,000	2.750%	98,931.25	1,218,931.25	1,317,862.50
02/01/2028			83,531.25	83,531.25	
08/01/2028	1,150,000	2.750%	83,531.25	1,233,531.25	1,317,062.50
02/01/2029			67,718.75	67,718.75	
08/01/2029	1,180,000	2.750%	67,718.75	1,247,718.75	1,315,437.50
02/01/2030			51,493.75	51,493.75	
08/01/2030	1,215,000	2.750%	51,493.75	1,266,493.75	1,317,987.50
02/01/2031			34,787.50	34,787.50	
08/01/2031	1,250,000	2.750%	34,787.50	1,284,787.50	1,319,575.00
02/01/2032			17,600.00	17,600.00	
08/01/2032	1,280,000	2.750%	17,600.00	1,297,600.00	1,315,200.00
	8,435,000		2,381,214.69	10,816,214.69	10,816,214.69



## ESCROW REQUIREMENTS

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Period Ending	Prir Interest Rede		Total
04/22/2019	78,164.44	6,115,000.00	6,193,164.44
08/01/2019	59,810.00	2,155,000.00	2,214,810.00
	137,974.44	8,270,000.00	8,407,974.44



#### **ESCROW DESCRIPTIONS**

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

	ype of ecurity	Type of SLGS	Maturity Date	First Int Pmt Date	Par Amount	Rate	Max Rate
Apr 22, 2019:	LGS	Certificate	08/01/2019	08/01/2019	2,200,117	2.420%	2.420%
					2,200,117		

## **SLGS Summary**

SLGS Rates File Total Certificates of Indebtedness 14FEB19 2,200,117.00



## **ESCROW COST**

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Type of Security	Maturity Date	Par Amount	Rate		Total Cost
SLGS	08/01/2019	2,200,117	2.420%	2,20	0,117.00
		2,200,117		2,20	00,117.00
Purchase Date	Cost of Securities	Cash Deposit	Escro	Total w Cost	Yield
04/22/2019	2,200,117	6,193,164.75	8,393,	281.75	2.435046%
	2,200,117	6,193,164.75	8,393,	281.75	



#### ESCROW CASH FLOW

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Date	Principal	Interest	Net Escrow Receipts	Present Value to 04/22/2019 @ 2.4350463%
08/01/2019	2,200,117.00	14,692.69	2,214,809.69	2,200,117.00
	2,200,117.00	14,692.69	2,214,809.69	2,200,117.00

#### Escrow Cost Summary

Purchase date	04/22/2019
Purchase cost of securities	2,200,117.00
Target for yield calculation	2,200,117.00



#### ESCROW SUFFICIENCY

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Date	Escrow Requirement	Net Escrow Receipts	Excess Receipts	Excess Balance
04/22/2019	6,193,164.44	6,193,164.75	0.31	0.31
08/01/2019	2,214,810.00	2,214,809.69	-0.31	
	8,407,974.44	8,407,974.44	0.00	



#### **ESCROW STATISTICS**

Downtown Savannah Authority Proposed Refunding of Series 2009B (BABs)

## PRELIMINARY NUMBERS

Bank Loan - 2.75%

2026 & 2027 Maturities Escrowed to 8/1/2019 Call Date

Total Escrow Cost	Modified Duration (years)	Yield to Receipt Date	Yield to Disbursement Date	Perfect Escrow Cost	Value of Negative Arbitrage	Cost of Dead Time
8,393,281.75	0.272	2.435046%	2.435046%	8,391,399.81	1,881.94	
8,393,281.75				8,391,399.81	1,881.94	0.00

Delivery date Arbitrage yield 04/22/2019 2.750261%