

### **TABLE OF CONTENTS**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Rep	ort	Page
Ger	eral Purpose Refunding Bonds, Taxable Series 2021B	
	Savings	1
	Summary of Refunding Results	2
	Sources and Uses of Funds	3
	Bond Debt Service	4
	Bond Summary Statistics	7
	Bond Pricing	8
	Summary of Bonds Refunded	9
	Escrow Requirements	10
	Escrow Descriptions	11
	Escrow Cost	12
	Escrow Cash Flow	13
	Escrow Sufficiency	14
	Escrow Statistics	
	Prior Bond Debt Service	
Ger	Savings	18 19 20
Ger	eral Purpose Refunding Bonds, Taxable Series 2021B_(AR: Ser '13B COs)	
	Savings	23
	Summary of Refunding Results	24
	Bond Debt Service	
	Bond Summary Statistics	
	Prior Bond Debt Service	
	Unrefunded Bond Debt Service	



### **SAVINGS**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

	Prior	Prior	Prior	Refunding	
Date	Debt Service	Receipts	Net Cash Flow	Debt Service	Savings
09/30/2021	316,857.25	316,857.25			
09/30/2022	5,750,774.50		5,750,774.50	2,242,291.24	3,508,483.26
09/30/2023	5,699,294.50		5,699,294.50	2,153,747.50	3,545,547.00
09/30/2024	6,165,677.50		6,165,677.50	2,666,999.50	3,498,678.00
09/30/2025	6,114,351.00		6,114,351.00	2,652,122.50	3,462,228.50
09/30/2026	6,066,765.00		6,066,765.00	2,636,047.50	3,430,717.50
09/30/2027	838,659.50		838,659.50	2,614,676.50	-1,776,017.00
09/30/2028	840,034.50		840,034.50	2,592,413.75	-1,752,379.25
09/30/2029	838,662.00		838,662.00	2,565,951.00	-1,727,289.00
09/30/2030	839,355.75		839,355.75	2,536,239.00	-1,696,883.25
09/30/2031	838,303.00		838,303.00	2,503,645.00	-1,665,342.00
09/30/2032	840,379.00		840,379.00	2,473,064.50	-1,632,685.50
09/30/2033	840,459.00		840,459.00	2,434,461.25	-1,594,002.25
09/30/2034				1,619,093.75	-1,619,093.75
09/30/2035				1,582,208.00	-1,582,208.00
09/30/2036				1,544,007.25	-1,544,007.25
09/30/2037				1,503,768.25	-1,503,768.25
09/30/2038				1,461,819.75	-1,461,819.75
09/30/2039				1,419,871.25	-1,419,871.25
09/30/2040				1,377,922.75	-1,377,922.75
09/30/2041				1,335,974.25	-1,335,974.25
	35,989,572.50	316,857.25	35,672,715.25	41,916,324.49	-6,243,609.24

### **Savings Summary**

Savings PV date	07/13/2021
PV of savings from cash flow	-611,887.38
Net PV Savings	-611,887.38



### **SUMMARY OF REFUNDING RESULTS**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Dated Date	07/13/2021
Delivery Date	07/13/2021
Arbitrage yield	2.593618%
Escrow yield	0.078386%
Value of Negative Arbitrage	365,846.37
Bond Par Amount	33,555,000.00
True Interest Cost	2.667416%
Net Interest Cost	2.692688%
All-In TIC	2.759966%
Average Coupon	2.629376%
Average Life	9.477
Weighted Average Maturity	9.477
Par amount of refunded bonds	32,635,000.00
Average coupon of refunded bonds	2.629809%
Average life of refunded bonds	3.629
Remaining weighted average maturity of refunded bonds	3.629
Net PV Savings	-611,887.38
Percentage savings of refunded bonds	-1.874942%



### **SOURCES AND USES OF FUNDS**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Dated Date 07/13/2021 Delivery Date 07/13/2021

	General	General	
	Purpose	Purpose	
	Refunding	Refunding	
	Bonds, Taxable	Bonds, Taxable	
	Series	Series	
	2021B_(CR: Ser	2021B_(AR: Ser	
Sources:	'21B Notes)	'13B COs)	Total
Bond Proceeds:			
Par Amount	26,355,000.00	7,200,000.00	33,555,000.00
Other Sources of Funds:			
Transfer from Debt Service Fund	157,300.00	159,557.25	316,857.25
	26,512,300.00	7,359,557.25	33,871,857.25
	General	General	
	Purpose	Purpose	
	Refunding	Refunding	
	Bonds, Taxable	Bonds, Taxable	
	Series	Series	
	2021B (CR: Ser	2021B (AR: Ser	
Uses:	'21B Notes)	'13B COs)	Total
Refunding Escrow Deposits:			
Cash Deposit	0.69	0.96	1.65
SLGS Purchases	26,156,941.00	7,261,953.00	33,418,894.00
	26,156,941.69	7,261,953.96	33,418,895.65
Delivery Date Expenses:			
Cost of Issuance	196,356.73	53,643.27	250,000.00
Underwriter's Discount	158,130.00	43,200.00	201,330.00
	354,486.73	96,843.27	451,330.00
Other Uses of Funds:			
Additional Proceeds	871.58	760.02	1,631.60
	26,512,300.00	7,359,557.25	33,871,857.25



### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Annua		_	_		Period
Debt Service	Debt Service	Interest	Coupon	Principal	Ending
	1,883,473.49	458,473.49	0.440%	1,425,000	03/01/2022
	358,817.75	358,817.75			09/01/2022
2,242,291.24					09/30/2022
	1,798,817.75	358,817.75	0.540%	1,440,000	03/01/2023
	354,929.75	354,929.75			09/01/2023
2,153,747.50					09/30/2023
	2,319,929.75	354,929.75	0.800%	1,965,000	03/01/2024
	347,069.75	347,069.75			09/01/2024
2,666,999.50					09/30/2024
	2,317,069.75	347,069.75	1.220%	1,970,000	03/01/2025
	335,052.75	335,052.75			09/01/2025
2,652,122.50					09/30/2025
	2,315,052.75	335,052.75	1.420%	1,980,000	03/01/2026
	320,994.75	320,994.75			09/01/2026
2,636,047.50					09/30/2026
	2,310,994.75	320,994.75	1.740%	1,990,000	03/01/2027
	303,681.75	303,681.75			09/01/2027
2,614,676.50	·	•			09/30/2027
	2,308,681.75	303,681.75	1.990%	2,005,000	03/01/2028
	283,732.00	283,732.00			09/01/2028
2,592,413.75					09/30/2028
, ,	2,303,732.00	283,732.00	2.130%	2,020,000	03/01/2029
	262,219.00	262,219.00		_,==,,===	09/01/2029
2,565,951.00	,	,			09/30/2029
_,	2,297,219.00	262,219.00	2.280%	2,035,000	03/01/2030
	239,020.00	239,020.00		_,,,,,,,,,	09/01/2030
2,536,239.00					09/30/2030
2,330,233.00	2,289,020.00	239,020.00	2.380%	2,050,000	03/01/2031
	214,625.00	214,625.00	2.00070	2,050,000	09/01/2031
2,503,645.00	214,025.00	21-1,025.00			09/30/2031
2,505,045.00	2,284,625.00	214,625.00	2.530%	2,070,000	03/01/2032
	188,439.50	188,439.50	2.330/0	2,070,000	09/01/2032
2,473,064.50	100,433.30	100,433.30			09/30/2032
2,473,004.30	2,273,439.50	188,439.50	2.630%	2,085,000	03/01/2032
	161,021.75	161,021.75	2.030/6	2,063,000	09/01/2033
2,434,461.25	101,021.73	101,021.73			09/30/2033
2,434,401.23	1,476,021.75	161,021.75	2.730%	1,315,000	03/01/2034
	143,072.00	143,072.00	2.730/0	1,313,000	09/01/2034
1 610 002 75	143,072.00	143,072.00			09/01/2034
1,619,093.75	1 459 072 00	142 072 00	2.880%	1 215 000	03/01/2035
	1,458,072.00	143,072.00	2.000%	1,315,000	09/01/2035 09/01/2035
1 502 200 00	124,136.00	124,136.00			
1,582,208.00	1 420 426 00	124 126 00	2.0200/	4 245 000	09/30/2035
	1,439,136.00	124,136.00	2.930%	1,315,000	03/01/2036
	104,871.25	104,871.25			09/01/2036
1,544,007.25					09/30/2036
	1,419,871.25	104,871.25	3.190%	1,315,000	03/01/2037
4	83,897.00	83,897.00			09/01/2037
1,503,768.25	4 200 007 00	02.027.22	2.4000/	4 045 000	09/30/2037
	1,398,897.00	83,897.00	3.190%	1,315,000	03/01/2038
	62,922.75	62,922.75			09/01/2038
1,461,819.75				4.645	09/30/2038
			3.190%	1,315,000	03/01/2039
	41,948.50	41,948.50			09/01/2039
1,419,871.25					09/30/2039
	1,356,948.50	41,948.50	3.190%	1,315,000	03/01/2040
1,461,819.75 1,419,871.25	1,377,922.75 41,948.50	62,922.75 41,948.50	3.190% 3.190%	1,315,000 1,315,000	



### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
09/01/2040			20,974.25	20,974.25	
09/30/2040					1,377,922.75
03/01/2041	1,315,000	3.190%	20,974.25	1,335,974.25	
09/30/2041					1,335,974.25
	33,555,000		8,361,324.49	41,916,324.49	41,916,324.49



## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Period	Potential.	0	Laterrat	Bala Canda
Ending	Principal	Coupon	Interest	Debt Service
09/30/2022	1,425,000	0.440%	817,291.24	2,242,291.24
09/30/2023	1,440,000	0.540%	713,747.50	2,153,747.50
09/30/2024	1,965,000	0.800%	701,999.50	2,666,999.50
09/30/2025	1,970,000	1.220%	682,122.50	2,652,122.50
09/30/2026	1,980,000	1.420%	656,047.50	2,636,047.50
09/30/2027	1,990,000	1.740%	624,676.50	2,614,676.50
09/30/2028	2,005,000	1.990%	587,413.75	2,592,413.75
09/30/2029	2,020,000	2.130%	545,951.00	2,565,951.00
09/30/2030	2,035,000	2.280%	501,239.00	2,536,239.00
09/30/2031	2,050,000	2.380%	453,645.00	2,503,645.00
09/30/2032	2,070,000	2.530%	403,064.50	2,473,064.50
09/30/2033	2,085,000	2.630%	349,461.25	2,434,461.25
09/30/2034	1,315,000	2.730%	304,093.75	1,619,093.75
09/30/2035	1,315,000	2.880%	267,208.00	1,582,208.00
09/30/2036	1,315,000	2.930%	229,007.25	1,544,007.25
09/30/2037	1,315,000	3.190%	188,768.25	1,503,768.25
09/30/2038	1,315,000	3.190%	146,819.75	1,461,819.75
09/30/2039	1,315,000	3.190%	104,871.25	1,419,871.25
09/30/2040	1,315,000	3.190%	62,922.75	1,377,922.75
09/30/2041	1,315,000	3.190%	20,974.25	1,335,974.25
	33,555,000		8,361,324.49	41,916,324.49



### **BOND SUMMARY STATISTICS**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Dated Date	07/13/2021
Delivery Date	07/13/2021
First Coupon	03/01/2022
Last Maturity	03/01/2041
Arbitrage Yield	2.593618%
True Interest Cost (TIC)	2.667416%
Net Interest Cost (NIC)	2.692688%
All-In TIC	2.759966%
Average Coupon	2.629376%
Average Life (years)	9.477
Weighted Average Maturity (years)	9.477
Duration of Issue (years)	8.252
Par Amount	33,555,000.00
Bond Proceeds	33,555,000.00
Total Interest	8,361,324.49
Net Interest	8,562,654.49
Bond Years from Dated Date	317,996,500.00
Bond Years from Delivery Date	317,996,500.00
Total Debt Service	41,916,324.49
Maximum Annual Debt Service	2,666,999.50
Average Annual Debt Service	2,134,957.10
Underwriter's Fees (per \$1000) Average Takedown	
Other Fee	6.000000
Total Underwriter's Discount	6.000000
Bid Price	99.400000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serial Bond	26,980,000.00	100.000	2.308%	7.489	17,897.30
Term Bond 2041	6,575,000.00	100.000	3.190%	17.633	9,533.75
	33,555,000.00			9.477	27,431.05
			All-lı	1	Arbitrage
		TIC	TIC		Yield
Par Value + Accrued Interest + Premium (Discount)	33,555,00	00.00	33,555,000.00	)	33,555,000.00
- Underwriter's Discount	-201,33	30.00	-201,330.00	ס	
- Cost of Issuance Expense - Other Amounts			-250,000.00	) 	
Target Value	33,353,67	70.00	33,103,670.00	)	33,555,000.00
Target Date	07/13/	2021	07/13/202	l	07/13/2021
Yield	2.6674	116%	2.759966%	6	2.593618%



### **BOND PRICING**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

	Maturity					
<b>Bond Component</b>	Date	Amount	Rate	Yield	Price	Principal Cost
Serial Bond:						
	03/01/2022	1,425,000	0.440%	0.440%	100.000	1,425,000.00
	03/01/2023	1,440,000	0.540%	0.540%	100.000	1,440,000.00
	03/01/2024	1,965,000	0.800%	0.800%	100.000	1,965,000.00
	03/01/2025	1,970,000	1.220%	1.220%	100.000	1,970,000.00
	03/01/2026	1,980,000	1.420%	1.420%	100.000	1,980,000.00
	03/01/2027	1,990,000	1.740%	1.740%	100.000	1,990,000.00
	03/01/2028	2,005,000	1.990%	1.990%	100.000	2,005,000.00
	03/01/2029	2,020,000	2.130%	2.130%	100.000	2,020,000.00
	03/01/2030	2,035,000	2.280%	2.280%	100.000	2,035,000.00
	03/01/2031	2,050,000	2.380%	2.380%	100.000	2,050,000.00
	03/01/2032	2,070,000	2.530%	2.530%	100.000	2,070,000.00
	03/01/2033	2,085,000	2.630%	2.630%	100.000	2,085,000.00
	03/01/2034	1,315,000	2.730%	2.730%	100.000	1,315,000.00
	03/01/2035	1,315,000	2.880%	2.880%	100.000	1,315,000.00
	03/01/2036	1,315,000	2.930%	2.930%	100.000	1,315,000.00
	-	26,980,000				26,980,000.00
Term Bond 2041:						
	03/01/2037	1,315,000	3.190%	3.190%	100.000	1,315,000.00
	03/01/2038	1,315,000	3.190%	3.190%	100.000	1,315,000.00
	03/01/2039	1,315,000	3.190%	3.190%	100.000	1,315,000.00
	03/01/2040	1,315,000	3.190%	3.190%		1,315,000.00
	03/01/2041	1,315,000	3.190%	3.190%		1,315,000.00
	-	6,575,000				6,575,000.00
		33,555,000				33,555,000.00
	Dated Date		07/1	13/2021		
	Delivery Date		•	13/2021		
	First Coupon			01/2022		
	Par Amount		33,555	,000.00		
	Original Issue Dis	scount				
	Production		33,555	5,000.00	100.000000%	
	Underwriter's Di	scount _	-201	,330.00	-0.600000%	
	Purchase Price Accrued Interest		33,353	3,670.00	99.400000%	
	Net Proceeds	_	33,353	3,670.00		



### **SUMMARY OF BONDS REFUNDED**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

	Maturity	Interest	Par	Call	Call
Bond	Date	Rate	Amount	Date	Price
\$11,140,000 Con	nbination Tax & Revent	ue Certificates o	of Obligation, Taxal	ole Series 2013B	 , 2013B, TERM_28:
	03/01/2028	4.580%	2,920,000.00	03/01/2023	100.000
\$11,140,000 Con	nbination Tax & Revent	ue Certificates o	of Obligation, Taxal	ole Series 2013B	, 2013B, TERM_33:
	03/01/2033	4.990%	3,715,000.00	03/01/2023	100.000
\$26,000,000 Tax	Notes, Taxable Series 2	2021B_Key Ban	k_FINAL, 21_B2K, T	ERM_26:	
	03/01/2026	0.990%	26,000,000.00	09/01/2021	100.000
			32,635,000.00		



### **ESCROW REQUIREMENTS**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Period Ending	Interest	Principal Redeemed	Total
09/01/2021	316,857.25	26,000,000.00	26,316,857.25
03/01/2022	159,557.25		159,557.25
09/01/2022	159,557.25		159,557.25
03/01/2023	159,557.25	6,635,000.00	6,794,557.25
	795,529.00	32,635,000.00	33,430,529.00



### **ESCROW DESCRIPTIONS**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

	Type of Security	Type of SLGS	Maturity Date	First Int Pmt Date	Par Amount	Rate	Max Rate
Jul 13, 202	<b>!</b> 1:						
	SLGS	Certificate	09/01/2021	09/01/2021	26,316,498	0.010%	0.010%
	SLGS	Certificate	03/01/2022	03/01/2022	155,128	0.040%	0.040%
	SLGS	Note	09/01/2022	09/01/2021	156,107	0.070%	0.070%
	SLGS	Note	03/01/2023	09/01/2021	6,791,161	0.100%	0.100%
					33,418,894		

### **SLGS Summary**

SLGS Rates File	26MAR21
Total Certificates of Indebtedness	26,471,626.00
Total Notes	6,947,268.00
Total original SLGS	33,418,894.00



### **ESCROW COST**

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Type of Security	Maturity Date	Par Amount	Rate	Total Cost
SLGS	09/01/2021	26,316,498	0.010%	26,316,498.00
SLGS	03/01/2022	155,128	0.040%	155,128.00
SLGS	09/01/2022	156,107	0.070%	156,107.00
SLGS	03/01/2023	6,791,161	0.100%	6,791,161.00
		33,418,894		33,418,894.00

Purchase Date	Cost of Securities	Cash Deposit	Total Escrow Cost
07/13/2021	33,418,894	1.65	33,418,895.65
	33,418,894	1.65	33,418,895.65



#### **ESCROW CASH FLOW**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Date	Principal	Interest	Net Escrow Receipts
09/01/2021	26,316,498.00	1,298.06	26,317,796.06
03/01/2022	155,128.00	3,489.49	158,617.49
09/01/2022	156,107.00	3,450.22	159,557.22
03/01/2023	6,791,161.00	3,395.58	6,794,556.58
	33,418,894.00	11,633.35	33,430,527.35

### **Escrow Cost Summary**

Purchase date 07/13/2021
Purchase cost of securities 33,418,894.00



### **ESCROW SUFFICIENCY**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Date	Escrow Requirement	Net Escrow Receipts	Excess Receipts	Excess Balance
07/13/2021		1.65	1.65	1.65
09/01/2021	26,316,857.25	26,317,796.06	938.81	940.46
03/01/2022	159,557.25	158,617.49	-939.76	0.70
09/01/2022	159,557.25	159,557.22	-0.03	0.67
03/01/2023	6,794,557.25	6,794,556.58	-0.67	
	33,430,529.00	33,430,529.00	0.00	



### **ESCROW STATISTICS**

### City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Escrow	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
General Purpose I	Refunding Bonds, Taxa	able Series 20	21B_(CR: Ser '21	B Notes):			
TDSF	157,300.00	0.133	0.010251%	0.010251%	156,762.60	537.40	
ВР	25,999,641.69	0.133	0.010274%	0.010274%	25,910,817.06	88,824.63	
General Purpose I	Refunding Bonds, Taxa	able Series 20	21B_(AR: Ser '13	B COs):			
TDSF	159,557.25	0.133	0.010294%	0.010294%	159,012.12	545.10	0.03
ВР	7,102,396.71	1.599	0.099169%	0.099165%	6,826,445.48	275,939.24	11.99
	33,418,895.65				33,053,037.26	365,846.37	12.02

Delivery date Arbitrage yield 07/13/2021 2.593618%



### PRIOR BOND DEBT SERVICE

## City of Fort Worth, Texas General Purpose Refunding Bonds, Taxable Series 2021B Taxable Rates as of 03/25/2021 (+25 bps) (AA+/AA/AA)

Period	Potentia al	0		Dalet Camila
Ending	Principal	Coupon	Interest	Debt Service
09/30/2021			316,857.25	316,857.25
09/30/2022	5,200,000	0.990%	550,774.50	5,750,774.50
09/30/2023	5,200,000	0.990%	499,294.50	5,699,294.50
09/30/2024	5,730,000	** %	435,677.50	6,165,677.50
09/30/2025	5,755,000	** %	359,351.00	6,114,351.00
09/30/2026	5,785,000	** %	281,765.00	6,066,765.00
09/30/2027	610,000	4.580%	228,659.50	838,659.50
09/30/2028	640,000	4.580%	200,034.50	840,034.50
09/30/2029	670,000	4.990%	168,662.00	838,662.00
09/30/2030	705,000	4.990%	134,355.75	839,355.75
09/30/2031	740,000	4.990%	98,303.00	838,303.00
09/30/2032	780,000	4.990%	60,379.00	840,379.00
09/30/2033	820,000	4.990%	20,459.00	840,459.00
	32,635,000		3,354,572.50	35,989,572.50



### **SAVINGS**

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

	Prior	Prior	Prior	Refunding	
Date	Debt Service	Receipts	Net Cash Flow	Debt Service	Savings
09/30/2021	157,300.00	157,300.00			
09/30/2022	5,431,660.00		5,431,660.00	1,982,625.60	3,449,034.40
09/30/2023	5,380,180.00		5,380,180.00	1,897,860.00	3,482,320.00
09/30/2024	5,328,700.00		5,328,700.00	1,889,016.00	3,439,684.00
09/30/2025	5,277,220.00		5,277,220.00	1,875,684.00	3,401,536.00
09/30/2026	5,225,740.00		5,225,740.00	1,858,260.00	3,367,480.00
09/30/2027				1,837,404.00	-1,837,404.00
09/30/2028				1,812,786.00	-1,812,786.00
09/30/2029				1,785,594.00	-1,785,594.00
09/30/2030				1,756,488.00	-1,756,488.00
09/30/2031				1,725,732.00	-1,725,732.00
09/30/2032				1,693,326.00	-1,693,326.00
09/30/2033				1,654,335.75	-1,654,335.75
09/30/2034				1,619,093.75	-1,619,093.75
09/30/2035				1,582,208.00	-1,582,208.00
09/30/2036				1,544,007.25	-1,544,007.25
09/30/2037				1,503,768.25	-1,503,768.25
09/30/2038				1,461,819.75	-1,461,819.75
09/30/2039				1,419,871.25	-1,419,871.25
09/30/2040				1,377,922.75	-1,377,922.75
09/30/2041				1,335,974.25	-1,335,974.25
	26,800,800.00	157,300.00	26,643,500.00	33,613,776.60	-6,970,276.60

### **Savings Summary**

Savings PV date	07/13/2021
Savings PV rate	2.843465%
PV of savings from cash flow	-1,236,938.92
Net PV Savings	-1,236,938.92



### **SUMMARY OF REFUNDING RESULTS**

## City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

Dated Date	07/13/2021
Delivery Date	07/13/2021
Arbitrage yield	2.593618%
Escrow yield	0.010274%
Value of Negative Arbitrage	89,362.03
Bond Par Amount	26,355,000.00
True Interest Cost	2.755410%
Net Interest Cost	2.779778%
All-In TIC	2.843465%
Average Coupon	2.720513%
Average Life	10.124
Weighted Average Maturity	10.124
Par amount of refunded bonds	26,000,000.00
Average coupon of refunded bonds	0.990000%
Average life of refunded bonds	2.633
Remaining weighted average maturity of refunded bonds	2.633
PV of prior debt to 07/13/2021 @ 2.843465%	24,920,874.35
Net PV Savings	-1,236,938.92
Percentage savings of refunded bonds	-4.757457%
reiteillage savings of refunded bolids	-4./3/43/%



# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

Period Ending	Principal	Coupon	Interest	Debt Service
09/30/2022	1,320,000	0.440%	662,625.60	1,982,625.60
09/30/2023	1,320,000	0.540%	577,860.00	1,897,860.00
09/30/2024	1,320,000	0.800%	569,016.00	1,889,016.00
09/30/2025	1,320,000	1.220%	555,684.00	1,875,684.00
09/30/2026	1,320,000	1.420%	538,260.00	1,858,260.00
09/30/2027	1,320,000	1.740%	517,404.00	1,837,404.00
09/30/2028	1,320,000	1.990%	492,786.00	1,812,786.00
09/30/2029	1,320,000	2.130%	465,594.00	1,785,594.00
09/30/2030	1,320,000	2.280%	436,488.00	1,756,488.00
09/30/2031	1,320,000	2.380%	405,732.00	1,725,732.00
09/30/2032	1,320,000	2.530%	373,326.00	1,693,326.00
09/30/2033	1,315,000	2.630%	339,335.75	1,654,335.75
09/30/2034	1,315,000	2.730%	304,093.75	1,619,093.75
09/30/2035	1,315,000	2.880%	267,208.00	1,582,208.00
09/30/2036	1,315,000	2.930%	229,007.25	1,544,007.25
09/30/2037	1,315,000	3.190%	188,768.25	1,503,768.25
09/30/2038	1,315,000	3.190%	146,819.75	1,461,819.75
09/30/2039	1,315,000	3.190%	104,871.25	1,419,871.25
09/30/2040	1,315,000	3.190%	62,922.75	1,377,922.75
09/30/2041	1,315,000	3.190%	20,974.25	1,335,974.25
	26,355,000		7,258,776.60	33,613,776.60



### **BOND SUMMARY STATISTICS**

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

	Dated Date	07/13/2021				
	Delivery Date			7/13/2021		
	First Coupon		0	3/01/2022		
	Last Maturity		0	3/01/2041		
	Arbitrage Yield		:	2.593618%		
	True Interest Cost (TIC)		:	2.755410%		
	Net Interest Cost (NIC)		2.779778%			
	All-In TIC		:	2.843465%		
	Average Coupon		;	2.720513%		
	Average Life (years)			10.124		
	Weighted Average Maturity (years)			10.124		
	Duration of Issue (years)			8.677		
	Par Amount		26,3	355,000.00		
	Bond Proceeds		26,3	355,000.00		
	Total Interest		7,2	258,776.60		
	Net Interest		7,416,906.60			
	Bond Years from Dated Date		266,816,500.00			
	Bond Years from Delivery Date	266,816,500.00				
	Total Debt Service		33,613,776.60			
	Maximum Annual Debt Service		-	982,625.60		
	Average Annual Debt Service		1,7	712,076.91		
	Underwriter's Fees (per \$1000)					
	Average Takedown					
	Other Fee			6.000000		
	Total Underwriter's Discount			6.000000		
	Bid Price			99.400000		
	_		_			
	Par		Average	Average		
t	Value	Price	Coupon	Life		
	19,780,000.00	100.000	2.360%	7.628		
	6,575,000.00	100.000	3.190%	17.633		

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serial Bond	19,780,000.00	100.000	2.360%	7.628	13,257.40
Term Bond 2041	6,575,000.00	100.000	3.190%	17.633	9,533.75
	26,355,000.00			10.124	22,791.15
			All-Ir	-	Arbitrage
		TIC	TIC	: 	Yield
Par Value + Accrued Interest + Premium (Discount)	26,355,00	00.00	26,355,000.00	)	26,355,000.00
- Underwriter's Discount	-158,13	30.00	-158,130.00	)	
- Cost of Issuance Expense - Other Amounts			-196,356.73	3 	
Target Value	26,196,87	70.00	26,000,513.27	7	26,355,000.00
Target Date	07/13/	2021	07/13/2021	L	07/13/2021
Yield	2.7554	110%	2.843465%	6	2.593618%



### PRIOR BOND DEBT SERVICE

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

### \$26,000,000 Tax Notes, Taxable Series 2021B\_Key Bank\_FINAL (21\_B2K)

					Annual
Period				Debt	Debt
Ending	Principal	Coupon	Interest	Service	Service
09/01/2021			157,300	157,300	
09/30/2021					157,300
03/01/2022	5,200,000	0.990%	128,700	5,328,700	
09/01/2022			102,960	102,960	
09/30/2022					5,431,660
03/01/2023	5,200,000	0.990%	102,960	5,302,960	
09/01/2023			77,220	77,220	
09/30/2023					5,380,180
03/01/2024	5,200,000	0.990%	77,220	5,277,220	
09/01/2024			51,480	51,480	
09/30/2024					5,328,700
03/01/2025	5,200,000	0.990%	51,480	5,251,480	
09/01/2025			25,740	25,740	
09/30/2025					5,277,220
03/01/2026	5,200,000	0.990%	25,740	5,225,740	
09/30/2026					5,225,740
	26,000,000		800,800	26,800,800	26,800,800



### PRIOR BOND DEBT SERVICE

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Current Refunding of Series 2021B Tax Notes) \*\*\* Tax Supported Debt \*\*\*

### \$26,000,000 Tax Notes, Taxable Series 2021B\_Key Bank\_FINAL (21\_B2K)

Period Ending	Principal	Coupon	Interest	Debt Service
09/30/2021			157,300	157,300
09/30/2022	5,200,000	0.990%	231,660	5,431,660
09/30/2023	5,200,000	0.990%	180,180	5,380,180
09/30/2024	5,200,000	0.990%	128,700	5,328,700
09/30/2025	5,200,000	0.990%	77,220	5,277,220
09/30/2026	5,200,000	0.990%	25,740	5,225,740
	26,000,000		800,800	26,800,800



### **SAVINGS**

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Advance Refunding of Taxable Series 2013B COs) \*\*\* Supported By Convention Center Revenues \*\*\*

Date	Prior Debt Service	Prior Receipts	Prior Net Cash Flow	Refunding Debt Service	Savings
09/30/2021	159,557.25	159,557.25			
09/30/2022	319,114.50		319,114.50	259,665.64	59,448.86
09/30/2023	319,114.50		319,114.50	255,887.50	63,227.00
09/30/2024	836,977.50		836,977.50	777,983.50	58,994.00
09/30/2025	837,131.00		837,131.00	776,438.50	60,692.50
09/30/2026	841,025.00		841,025.00	777,787.50	63,237.50
09/30/2027	838,659.50		838,659.50	777,272.50	61,387.00
09/30/2028	840,034.50		840,034.50	779,627.75	60,406.75
09/30/2029	838,662.00		838,662.00	780,357.00	58,305.00
09/30/2030	839,355.75		839,355.75	779,751.00	59,604.75
09/30/2031	838,303.00		838,303.00	777,913.00	60,390.00
09/30/2032	840,379.00		840,379.00	779,738.50	60,640.50
09/30/2033	840,459.00		840,459.00	780,125.50	60,333.50
	9,188,772.50	159,557.25	9,029,215.25	8,302,547.89	726,667.36

### **Savings Summary**

Savings PV date	07/13/2021
Savings PV rate	2.349178%
PV of savings from cash flow	625,051.54
Net PV Savings	625,051.54



### **SUMMARY OF REFUNDING RESULTS**

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Advance Refunding of Taxable Series 2013B COs) \*\*\* Supported By Convention Center Revenues \*\*\*

Dated Date	07/13/2021
Delivery Date	07/13/2021
Arbitrage yield	2.593618%
Escrow yield	0.099169%
Value of Negative Arbitrage	276,484.34
Bond Par Amount	7,200,000.00
True Interest Cost	2.233391%
Net Interest Cost	2.238663%
All-In TIC	2.349178%
Average Coupon	2.154255%
Average Life	7.108
Weighted Average Maturity	7.108
Par amount of refunded bonds	6,635,000.00
Average coupon of refunded bonds	4.876730%
Average life of refunded bonds	7.531
Remaining weighted average maturity of refunded bonds	7.531
PV of prior debt to 07/13/2021 @ 2.349178%	7,887,765.52
Net PV Savings	625,051.54
Percentage savings of refunded bonds	9.420521%



# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Advance Refunding of Taxable Series 2013B COs) \*\*\* Supported By Convention Center Revenues \*\*\*

Period Ending	Principal	Coupon	Interest	Debt Service
09/30/2022	105,000	0.440%	154,665.64	259,665.64
09/30/2023	120,000	0.540%	135,887.50	255,887.50
09/30/2024	645,000	0.800%	132,983.50	777,983.50
09/30/2025	650,000	1.220%	126,438.50	776,438.50
09/30/2026	660,000	1.420%	117,787.50	777,787.50
09/30/2027	670,000	1.740%	107,272.50	777,272.50
09/30/2028	685,000	1.990%	94,627.75	779,627.75
09/30/2029	700,000	2.130%	80,357.00	780,357.00
09/30/2030	715,000	2.280%	64,751.00	779,751.00
09/30/2031	730,000	2.380%	47,913.00	777,913.00
09/30/2032	750,000	2.530%	29,738.50	779,738.50
09/30/2033	770,000	2.630%	10,125.50	780,125.50
	7,200,000		1,102,547.89	8,302,547.89



### **BOND SUMMARY STATISTICS**

# City of Fort Worth, Texas General Obligation Refunding Bonds, Series 2021B (Advance Refunding of Taxable Series 2013B COs) \*\*\* Supported By Convention Center Revenues \*\*\*

Dated Date	07/13/2021
Delivery Date	07/13/2021
First Coupon	03/01/2022
Last Maturity	03/01/2033
Arbitrage Yield	2.593618%
True Interest Cost (TIC)	2.233391%
Net Interest Cost (NIC)	2.238663%
All-In TIC	2.349178%
Average Coupon	2.154255%
A	7.400
Average Life (years)	7.108
Weighted Average Maturity (years)	7.108
Duration of Issue (years)	6.578
Par Amount	7,200,000.00
Bond Proceeds	7,200,000.00
Total Interest	1,102,547.89
Net Interest	1,145,747.89
Bond Years from Dated Date	51,180,000.00
Bond Years from Delivery Date	51,180,000.00
Total Debt Service	8,302,547.89
Maximum Annual Debt Service	780,357.00
Average Annual Debt Service	713,686.07
Underwitterle Food (nov \$1000)	
Underwriter's Fees (per \$1000)	
Average Takedown	5 000000
Other Fee	6.000000
Total Underwriter's Discount	6.000000
Bid Price	99.400000

Bond Component	Par Value	Price	Average Coupon	Average Life	PV of 1 bp change
Serial Bond	7,200,000.00	100.000	2.154%	7.108	4,639.90
	7,200,000.00			7.108	4,639.90
		TIC	All-I	In IC	Arbitrage Yield
Par Value + Accrued Interest + Premium (Discount)	7,200,00	00.00	7,200,000.0	00	7,200,000.00
- Underwriter's Discount - Cost of Issuance Expense - Other Amounts	-43,20	00.00	-43,200.0 -53,643.2		
Target Value	7,156,80	00.00	7,103,156.7	73	7,200,000.00
Target Date Yield	07/13/ 2.2333		07/13/202 2.349178		07/13/2021 2.593618%



### PRIOR BOND DEBT SERVICE

City of Fort Worth, Texas
General Obligation Refunding Bonds, Series 2021B
(Advance Refunding of Taxable Series 2013B COs)
\*\*\* Supported By Convention Center Revenues \*\*\*

### \$11,140,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013B (2013B)

Period					Annual
Ending	Principal	Coupon	Interest	Debt Service	Debt Service
09/01/2021			159,557.25	159,557.25	
09/30/2021					159,557.25
03/01/2022			159,557.25	159,557.25	
09/01/2022			159,557.25	159,557.25	
09/30/2022					319,114.50
03/01/2023			159,557.25	159,557.25	
09/01/2023			159,557.25	159,557.25	
09/30/2023					319,114.50
03/01/2024	530,000	4.580%	159,557.25	689,557.25	
09/01/2024			147,420.25	147,420.25	
09/30/2024					836,977.50
03/01/2025	555,000	4.580%	147,420.25	702,420.25	
09/01/2025			134,710.75	134,710.75	
09/30/2025					837,131.00
03/01/2026	585,000	4.580%	134,710.75	719,710.75	
09/01/2026			121,314.25	121,314.25	
09/30/2026					841,025.00
03/01/2027	610,000	4.580%	121,314.25	731,314.25	
09/01/2027			107,345.25	107,345.25	
09/30/2027					838,659.50
03/01/2028	640,000	4.580%	107,345.25	747,345.25	
09/01/2028			92,689.25	92,689.25	
09/30/2028					840,034.50
03/01/2029	670,000	4.990%	92,689.25	762,689.25	
09/01/2029			75,972.75	75,972.75	
09/30/2029					838,662.00
03/01/2030	705,000	4.990%	75,972.75	780,972.75	
09/01/2030			58,383.00	58,383.00	
09/30/2030					839,355.75
03/01/2031	740,000	4.990%	58,383.00	798,383.00	
09/01/2031			39,920.00	39,920.00	
09/30/2031					838,303.00
03/01/2032	780,000	4.990%	39,920.00	819,920.00	
09/01/2032			20,459.00	20,459.00	
09/30/2032					840,379.00
03/01/2033	820,000	4.990%	20,459.00	840,459.00	
09/30/2033					840,459.00
	6,635,000		2,553,772.50	9,188,772.50	9,188,772.50



### PRIOR BOND DEBT SERVICE

City of Fort Worth, Texas
General Obligation Refunding Bonds, Series 2021B
(Advance Refunding of Taxable Series 2013B COs)
\*\*\* Supported By Convention Center Revenues \*\*\*

### \$11,140,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013B (2013B)

Period Ending	Principal	Coupon	Interest	Debt Service
09/30/2021			159,557.25	159,557.25
09/30/2022			319,114.50	319,114.50
09/30/2023			319,114.50	319,114.50
09/30/2024	530,000	4.580%	306,977.50	836,977.50
09/30/2025	555,000	4.580%	282,131.00	837,131.00
09/30/2026	585,000	4.580%	256,025.00	841,025.00
09/30/2027	610,000	4.580%	228,659.50	838,659.50
09/30/2028	640,000	4.580%	200,034.50	840,034.50
09/30/2029	670,000	4.990%	168,662.00	838,662.00
09/30/2030	705,000	4.990%	134,355.75	839,355.75
09/30/2031	740,000	4.990%	98,303.00	838,303.00
09/30/2032	780,000	4.990%	60,379.00	840,379.00
09/30/2033	820,000	4.990%	20,459.00	840,459.00
	6,635,000		2,553,772.50	9,188,772.50



### **UNREFUNDED BOND DEBT SERVICE**

City of Fort Worth, Texas
General Obligation Refunding Bonds, Series 2021B
(Advance Refunding of Taxable Series 2013B COs)
\*\*\* Supported By Convention Center Revenues \*\*\*

### \$11,140,000 Combination Tax & Revenue Certificates of Obligation, Taxable Series 2013B (2013B)

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
09/01/2021			19,010	19,010	
09/30/2021					19,010
03/01/2022	490,000	3.700%	19,010	509,010	
09/01/2022			9,945	9,945	
09/30/2022					518,955
03/01/2023	510,000	3.900%	9,945	519,945	
09/30/2023					519,945
	1,000,000		57,910	1,057,910	1,057,910