

# PRELIMINARY NEW BOND ISSUE REPORT \*

Issue: Northern Kentucky University General Receipts Bonds Series 2020 A and General Receipts Refunding Bonds Series 2020 B

Purpose of Issue: To (i) finance new housing project(s); and (ii) refund certain outstanding Northern Kentucky University Bonds for present value savings; and (iii) pay costs of issuance.

Date of Sale: October 12, 2020

Date of Delivery: November 2, 2020

Ratings: Moody's TBD

	Series 2020 A (\$)	Series 2020 B (\$)	Total (\$)
<b><u>Sources:</u></b>			
Par amount of bonds:	3,660,556.00	6,299,444.00	9,960,000.00
<b><u>Total Sources:</u></b>	3,660,556.00	6,299,444.00	9,960,000.00
<b>Uses:</b>			
Project Fund Deposit:	3,600,000.00	-	3,600,000.00
Refunding Escrow Deposit:	-	6,195,233.52	6,195,233.52
Issuance Cost:	60,556.00	104,210.48	164,766.48
Total Uses:	3,660,556.00	6,299,444.00	9,960,000.00

All-in True Interest Cost:	1.0980%	1.1000%
Final Maturity Date:	9/1/2027	9/1/2027
Average Annual Debt Service:	\$ 549,478.67	\$ 945,490.53
Total Debt Service:	\$ 3,753,244.57	\$ 6,458,225.62
Average Life (years):	3.85	3.84

<b>Refunding Summary:</b>	
Bond Issue Being Refinanced:	2010 Series B
Par Amount of Refunded Bonds:	\$ 6,140,000.00
Net PV Savings:	\$ 580,901.43
Percentage Savings of Refunded Bonds:	9.4609%

Method of Sale:	Competitive
Bond Counsel:	Dinsmore & Shohl, LLP
Underwriter:	TBD
Underwriters' Counsel:	TBD
Trustee:	U.S. Bank
Financial Advisor:	Baird

Based off cashflows as of 9/11/2020 and rates as of 8/7/2020  
Preliminary Subject to Change

Pursuant to KRS Chapter 45, the Issuer is providing information on all costs associated, either directly or indirectly, with this bond issuance. Costs are estimated as of the date of the cashflows and are subject to change.

**PROFESSIONAL SERVICES:**

<b>Firm</b>	<b>Service</b>	<b>Series A Fee (\$)</b>	<b>Series B Fee (\$)</b>
Dinsmore & Shohl	Bond Counsel	7,350.51	12,649.49
Baird	Financial Advisor	7,350.51	12,649.49
OFM	Financial Advisor	578.39	995.36
TBD	Underwriter's Discount / Underwriter's Counsel	37,028.21	63,721.79
US Bank	Trustee	367.53	632.47
Moody's	Rating Service	6,615.46	11,384.54
Misc./Contingency		1,265.39	2,177.34
<b>TOTAL</b>		<b>60,556.00</b>	<b>104,210.48</b>

**BOND DEBT SERVICE**

**Northern Kentucky University**  
**Hypothetical General Receipts Refunding Bonds (New Money)**  
**Illustration: \$3 Million New Money Project**  
**Assumptions: BQ, Moody's A1 Underlying and Enhanced**  
**Hypothetical Interest Rates as of 8/7/2020**

<i>Period Ending</i>	<i>Principal</i>	<i>Coupon</i>	<i>Interest</i>	<i>Debt Service</i>	<i>Annual Debt Service</i>
03/01/2021			6,970.65	6,970.65	
06/30/2021					6,970.65
09/01/2021	515,099	0.390%	10,543.84	525,642.84	
03/01/2022			9,539.40	9,539.40	
06/30/2022					535,182.24
09/01/2022	517,215	0.430%	9,539.40	526,754.40	
03/01/2023			8,427.39	8,427.39	
06/30/2023					535,181.79
09/01/2023	519,522	0.460%	8,427.39	527,949.39	
03/01/2024			7,232.49	7,232.49	
06/30/2024					535,181.88
09/01/2024	522,101	0.530%	7,232.49	529,333.49	
03/01/2025			5,848.92	5,848.92	
06/30/2025					535,182.41
09/01/2025	525,086	0.610%	5,848.92	530,934.92	
03/01/2026			4,247.41	4,247.41	
06/30/2026					535,182.33
09/01/2026	528,643	0.740%	4,247.41	532,890.41	
03/01/2027			2,291.43	2,291.43	
06/30/2027					535,181.84
09/01/2027	532,890	0.860%	2,291.43	535,181.43	
06/30/2028					535,181.43
	3,660,556		92,688.57	3,753,244.57	3,753,244.57

**PRIOR BOND DEBT SERVICE**

**Northern Kentucky University**  
**Hypothetical General Receipts Refunding Bonds, Series 2020**  
**Illustration: Current Refund 2010B and \$3.6 Million New Money Project**  
**Assumptions: BQ, Moody's A1 Underlying and Enhanced**  
**Hypothetical Interest Rates as of 8/7/2020**

<i>Period Ending</i>	<i>Principal</i>	<i>Coupon</i>	<i>Interest</i>	<i>Debt Service</i>	<i>Annual Debt Service</i>
03/01/2021			109,253.13	109,253.13	
06/30/2021					109,253.13
09/01/2021	790,000	3.500%	109,253.13	899,253.13	
03/01/2022			95,428.13	95,428.13	
06/30/2022					994,681.26
09/01/2022	820,000	3.500%	95,428.13	915,428.13	
03/01/2023			81,078.13	81,078.13	
06/30/2023					996,506.26
09/01/2023	845,000	3.500%	81,078.13	926,078.13	
03/01/2024			66,290.63	66,290.63	
06/30/2024					992,368.76
09/01/2024	875,000	3.500%	66,290.63	941,290.63	
03/01/2025			50,978.13	50,978.13	
06/30/2025					992,268.76
09/01/2025	900,000	3.500%	50,978.13	950,978.13	
03/01/2026			35,228.13	35,228.13	
06/30/2026					986,206.26
09/01/2026	935,000	3.625%	35,228.13	970,228.13	
03/01/2027			18,281.25	18,281.25	
06/30/2027					988,509.38
09/01/2027	975,000	3.750%	18,281.25	993,281.25	
06/30/2028					993,281.25
	6,140,000		913,075.06	7,053,075.06	7,053,075.06

## SUMMARY OF BONDS REFUNDED

**Northern Kentucky University  
Hypothetical General Receipts Refunding Bonds, Series 2020  
Illustration: Current Refund 2010B and \$3.6 Million New Money Project  
Assumptions: BQ, Moody's A1 Underlying and Enhanced  
Hypothetical Interest Rates as of 8/7/2020**

<i><b>Bond</b></i>	<i><b>Maturity Date</b></i>	<i><b>Interest Rate</b></i>	<i><b>Par Amount</b></i>	<i><b>Call Date</b></i>	<i><b>Call Price</b></i>
General Receipts Bonds, 2010 Series B, 2010B, SERIAL:					
	09/01/2021	3.500%	790,000.00	12/02/2020	100.000
	09/01/2022	3.500%	820,000.00	12/02/2020	100.000
	09/01/2023	3.500%	845,000.00	12/02/2020	100.000
	09/01/2024	3.500%	875,000.00	12/02/2020	100.000
	09/01/2025	3.500%	900,000.00	12/02/2020	100.000
	09/01/2026	3.625%	935,000.00	12/02/2020	100.000
	09/01/2027	3.750%	975,000.00	12/02/2020	100.000
			6,140,000.00		

### Notes:

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## SAVINGS

**Northern Kentucky University  
Hypothetical General Receipts Refunding Bonds, Series 2020  
Illustration: Current Refund 2010B and \$3.6 Million New Money Project  
Assumptions: BQ, Moody's A1 Underlying and Enhanced  
Hypothetical Interest Rates as of 8/7/2020**

<i>Date</i>	<i>Prior Debt Service</i>	<i>Refunding Debt Service</i>	<i>Savings</i>	<i>Present Value to 11/02/2020 @ 0.6563600%</i>
06/30/2021	109,253.13	36,976.79	72,276.34	72,119.95
06/30/2022	994,681.26	919,310.26	75,371.00	74,704.61
06/30/2023	996,506.26	923,549.21	72,957.05	71,871.70
06/30/2024	992,368.76	917,274.62	75,094.14	73,540.99
06/30/2025	992,268.76	915,281.34	76,987.42	74,948.31
06/30/2026	986,206.26	912,200.67	74,005.59	71,611.13
06/30/2027	988,509.38	912,579.16	75,930.22	73,038.75
06/30/2028	993,281.25	921,053.57	72,227.68	69,066.08
	7,053,075.06	6,458,225.62	594,849.44	580,901.53

### Savings Summary

PV of savings from cash flow	580,901.53
Plus: Refunding funds on hand	-0.10
Potential Net PV Savings	580,901.43

Note: Present Value savings are net of hypothetical costs of issuance based on Baird's experience with similar transactions.