ISSUER: Richmond

AMOUNT: $132,885,000

DESCRIPTION: General Obligation Public Improvement and Refunding Bonds, Series 2019A

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APPARENT WINNER: Morgan Stanley & Co., Inc.

DOLLAR BID: 112.69 TIC: 2.2200

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DATED: 10/23 BOND FORM: Book Entry

DUE: 07/15 BANK QUALIFIED : NO

FIRST COUPON: 01/15/2020

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CALL FEATURE: 07/15/2029 AT PAR

FINANCIAL ADVISOR: Davenport;

PAYING AGENT: U.S. Bank, N.A.;

LEGAL OPINION: Lewis Munday Harrell;

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MAT AMOUNT COUPON YIELD CONC. MOODY'S S&P FITCH ENHANCEMENT

2020 8,180 5.0000 1.2300 Aa2 AA+ AA+ NONE

2021 8,355 5.0000 1.2400 Aa2 AA+ AA+ NONE

2022 8,540 5.0000 1.2400 Aa2 AA+ AA+ NONE

2023 4,315 5.0000 1.2600 Aa2 AA+ AA+ NONE

2024 4,540 5.0000 1.2700 Aa2 AA+ AA+ NONE

2025 4,770 5.0000 1.2800 Aa2 AA+ AA+ NONE

2026 5,015 5.0000 1.3200 Aa2 AA+ AA+ NONE

2027 5,270 5.0000 1.3600 Aa2 AA+ AA+ NONE

2028 5,545 5.0000 1.4200 Aa2 AA+ AA+ NONE

2029 5,825 5.0000 1.4800 Aa2 AA+ AA+ NONE

2030 6,125 5.0000 1.5500 Aa2 AA+ AA+ NONE

2031 6,405 4.0000 1.7500 Aa2 AA+ AA+ NONE

2032 6,665 4.0000 1.8000 Aa2 AA+ AA+ NONE

2033 6,940 4.0000 1.8500 Aa2 AA+ AA+ NONE

2034 7,185 3.0000 2.3000 Aa2 AA+ AA+ NONE

2035 7,405 3.0000 2.3600 Aa2 AA+ AA+ NONE

2036 7,635 3.0000 2.4300 Aa2 AA+ AA+ NONE

2037 7,845 2.6000 2.6000 Aa2 AA+ AA+ NONE

2038 8,055 2.6500 2.6500 Aa2 AA+ AA+ NONE

2039 8,270 2.7000 2.7000 Aa2 AA+ AA+ NONE