

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION

Two Hundred Seventy-Third  
Supplemental  
Resolution Authorizing  
the Issuance of  
Multi-Family Housing Revenue Bonds,  
2019 Series A-1

Adopted \_\_\_\_\_

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APPENDIX A – TERMS OF THE 2019 SERIES A-1 BONDS

Two Hundred Seventy-Third Supplemental Resolution Authorizing  
the Issuance of  
Multi-Family Housing Revenue Bonds,  
2019 Series A-1

BE IT RESOLVED by the Members of the NEW YORK CITY HOUSING DEVELOPMENT CORPORATION (the "Corporation") as follows:

ARTICLE I

DEFINITIONS AND AUTHORITY

Section 1.1. Short Title. This resolution may hereafter be cited by the Corporation and is herein referred to as the "Two Hundred Seventy-Third Supplemental Multi-Family Housing Revenue Bond Resolution".

Section 1.2. Definitions. (A) All terms which are defined in Section 1.2 of the resolution of the Corporation adopted July 27, 1993 and entitled "Multi-Family Housing Revenue Bonds Bond Resolution", as amended (the "General Resolution"), have the same meanings, respectively, in this Two Hundred Seventy-Third Supplemental Multi-Family Housing Revenue Bond Resolution as such terms are given in said Section 1.2.

(B) In addition, as used in this Two Hundred Seventy-Third Supplemental Multi-Family Housing Revenue Bond Resolution:

"Acquired Project" shall mean a Project financed by a 2019 Series A-1 Mortgage Loan title to or the right to possession of which has been acquired by the Corporation through protection and enforcement of its rights conferred by law or the Mortgage upon such Project.

"Acquired Project Expenses" shall mean all costs and expenses arising from the acquisition, ownership, possession, operation or maintenance of an Acquired Project, including reasonable operating, repair and replacement reserves therefor.

"Acquired Project Gross Operating Income" shall mean all moneys received in connection with the acquisition, ownership, possession, operation or maintenance of an Acquired Project.

"Acquired Project Net Operating Income" shall mean Acquired Project Gross Operating Income less Acquired Project Expenses.

"Bank Bond" means any 2019 Series A-1 Variable Rate Bond for which the Purchase Price has been paid with moneys provided under a Liquidity Facility, as described in Section 804 of Appendix A hereto.

“Beneficial Owner” means, whenever used with respect to a 2019 Series A-1 Bond, the person in whose name such 2019 Series A-1 Bond is recorded as the beneficial owner of such 2019 Series A-1 Bond by a Participant on the records of such Participant or such person’s subrogee.

“Business Day” means any day other than (a) a Saturday or a Sunday, (b) any day on which banking institutions located in (i) the City of New York, New York or (ii) the city in which the Principal Office of the Trustee is located or (iii) the city in which the Principal Office of the banking institution at which demands for payment under a Liquidity Facility are honored are required or authorized by law to close, (c) a day on which the New York Stock Exchange is closed, or (d) so long as any Series of Bonds is held in book-entry form, a day on which DTC is closed.

“Cede & Co.” means Cede & Co., the nominee of DTC, and any successor of DTC with respect to the 2019 Series A-1 Bonds.

“Certificate” means (i) a signed document either attesting to or acknowledging the circumstances, representations or other matters therein stated or set forth or setting forth matters to be determined pursuant to this Supplemental Resolution or (ii) the report of an accountant as to audit or other procedures called for by this Supplemental Resolution.

“Change Date” means (i) each Interest Method Change Date (including any Term Rate Period Advance Tender Date) or (ii) each Facility Change Date or (iii) a date not later than twenty-five (25) days after receipt by the Trustee of a “Notice of Termination Date” under a Liquidity Facility, which date shall be specified in the notice of the Trustee of the purchase of all 2019 Series A-1 Variable Rate Bonds of the applicable Group provided pursuant to Section 801(A) of Appendix A hereto or (iv) each Discretionary Tender Date.

“Daily Rate” means the rate of interest on a Group of 2019 Series A-1 Bonds described in Section 201 of Appendix A hereto.

“Daily Rate Period” means any period of time during which a Group of 2019 Series A-1 Variable Rate Bonds bears interest at the Daily Rate.

“Daily Rate Term” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds bearing interest at the Daily Rate, the period from and commencing on a Business Day and including and ending on the first day preceding the first Business Day thereafter.

“Debt Service Reserve Account Requirement” with respect to the 2019 Series A-1 Bonds shall mean, as of any date of calculation, (i) prior to May 1, 2019, zero dollars (\$0), and (ii) from and after May 1, 2019, an amount equal to [3]% of the principal amount of the Outstanding 2019 Series A-1 Bonds.

“Demand Purchase Option” means, during any Daily Rate Period or Weekly Rate Period, the provision of a Group of 2019 Series A-1 Variable Rate Bonds for purchase of any 2019 Series A-1 Bond of such Group upon the demand of the owner thereof as described in Section 802 of Appendix A hereto.

“Discretionary Tender Date” means a date, specified by the Corporation (with the prior written consent of the Liquidity Provider, if any) in a written notice delivered to the Trustee, upon which all or any portion (as specified in such notice) of the 2019 Series A-1 Variable Rate Bonds shall be subject to mandatory tender at the Purchase Price pursuant to Section 801 of Appendix A hereto; provided, however, that such date shall (i) not be earlier than fifteen (15) days following receipt by the Trustee of such written notice in the case of 2019 Series A-1 Bonds bearing interest at the Daily Rate, the Weekly Rate, the Index Rate or the Term Rate and not be earlier than twenty (20) days following receipt by the Trustee of such written notice in the case of 2019 Series A-1 Bonds bearing interest at the Fixed Rate, (ii) be on or after the Initial Redemption or Tender Date with respect to such 2019 Series A-1 Bonds, and (iii) if such 2019 Series A-1 Bonds bear interest at an Index Rate, be a Permitted Redemption or Tender Date.

“DTC” means The Depository Trust Company, a limited purpose trust company organized under the laws of the State of New York, and its successors or assigns.

“Facility Change Date” means (i) any date on which a new Liquidity Facility replaces a prior Liquidity Facility, or (ii) the date which is two (2) Business Days prior to any date on which a Liquidity Facility terminates (except as may be provided in such Liquidity Facility) or expires and is not extended or replaced by a new Liquidity Facility.

“Final Maturity Date” shall have the meaning specified in Section 103(E) of Appendix A hereto.

“Fixed Rate” means the rate of interest on a Group of 2019 Series A-1 Variable Rate Bonds described in Section 701 of Appendix A hereto.

“Fixed Rate Period” means, with respect to any 2019 Series A-1 Variable Rate Bond, (i) the Initial Fixed Rate Period, and (ii) in the event of an Interest Method Change Date to a Fixed Rate (including a Fixed Rate Reset Date), the period commencing on such Interest Method Change Date and ending on the earlier of the next Interest Method Change Date with respect to such 2019 Series A-1 Bond or the maturity or redemption of such 2019 Series A-1 Bond.

“Fixed Rate Reset Date” shall have the meaning specified in Section 701(A) of Appendix A hereto.

“Fixed Rate Start Date” with respect to a Group of 2019 Series A-1 Variable Rate Bonds means an Interest Method Change Date to a Fixed Rate (including a Fixed Rate Reset Date) for the 2019 Series A-1 Variable Rate Bonds of such Group.

“Flexible Rate” means, with respect to any particular 2019 Series A-1 Variable Rate Bond during a Flexible Rate Term, the rate of interest on such 2019 Series A-1 Variable Rate Bond described in Section 501 of Appendix A hereto.

“Flexible Rate Period” means any period of time during which a Group of 2019 Series A-1 Variable Rate Bonds bears interest at the Flexible Rate.

“Flexible Rate Start Date” shall have the meaning specified in Section 501(A) of Appendix A hereto.

“Flexible Rate Term” shall have the meaning specified in Section 501(D) of Appendix A hereto.

“Group” of 2019 Series A-1 Bonds means 2019 Series A-1 Bonds of like Series, maturity and CUSIP number.

“Index Rate” means the rate of interest on the 2019 Series A-1 Variable Rate Bonds described in Section 401 of Appendix A hereto.

“Index Rate Period” means, with respect to any 2019 Series A-1 Bond, in the event of an Interest Method Change Date to an Index Rate (or from the LIBOR Index Rate to the SIFMA Index Rate, or from the SIFMA Index Rate to the LIBOR Index Rate), the period commencing on such Interest Method Change Date and ending on the earlier of the next Interest Method Change Date with respect to such 2019 Series A-1 Bond or the maturity or redemption of such 2019 Series A-1 Bond.

“Initial Fixed Rate Period” means, with respect to any 2019 Series A-1 Variable Rate Bond, the period commencing on the date of issuance and delivery of the 2019 Series A-1 Variable Rate Bonds and ending on the earlier of an Interest Method Change Date with respect to such 2019 Series A-1 Variable Rate Bond or the maturity or redemption of such 2019 Series A-1 Variable Rate Bond.

“Initial Redemption or Tender Date” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds, (i) during their Initial Fixed Rate Period, [\_\_\_\_], 20[\_\_\_], and (ii) during a Fixed Rate Period commencing on a Fixed Rate Start Date with respect to such Group of 2019 Series A-1 Variable Rate Bonds and during any Index Rate Period or Term Rate Term with respect to such Group of 2019 Series A-1 Variable Rate Bonds, the first day of such Fixed Rate Period, Index Rate Period or Term Rate Term or the date on which twenty-five percent (25%), fifty-percent (50%) or seventy-five percent (75%) of such Fixed Rate Period, Index Rate Period or Term Rate Term has elapsed, as determined by an Authorized Officer of the Corporation and set forth in a Certificate delivered to the Trustee on the first day of such Fixed Rate Period, Index Rate Period or Term Rate Term.

“Interest Adjustment Date” means each date on which a new Flexible Rate Term or Term Rate Term, as the case may be, begins as provided in Section 501(D) and Section 601(D), respectively, of Appendix A hereto.

“Interest Method Change Date” means any date on which the method of determining the interest rate on a Group of 2019 Series A-1 Variable Rate Bonds changes (including a change in the Index Rate from the LIBOR Index Rate to the SIFMA Index Rate, or from the SIFMA Index Rate to the LIBOR Index Rate, as described in Section 401 of Appendix A hereto), or which is an Interest Adjustment Date pursuant to Section 501(D) or Section 601(D), respectively, of Appendix A hereto, or a Fixed Rate Reset Date pursuant to Section 701(A) of Appendix A hereto, as established by the terms and provisions of Appendix A hereto, and shall be the Business Day immediately following any Term Rate Term. In no event may an



Interest Method Change Date occur with respect to a Group of 2019 Series A-1 Variable Rate Bonds prior to the Initial Redemption or Tender Date with respect to such Group of 2019 Series A-1 Variable Rate Bonds.

“Letter of Representations” means, with respect to a Group of 2019 Series A-1 Bonds, the Blanket Issuer Letter of Representations, dated April 26, 1996, from the Corporation to DTC, applicable to such Group of 2019 Series A-1 Bonds.

“Liquidity Facility” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds, any instrument providing for the timely payment of the Purchase Price of 2019 Series A-1 Variable Rate Bonds of such Group, including, but not limited to, a letter of credit, guaranty, standby loan commitment, standby bond purchase agreement or other liquidity facility, or any combination thereof, (i) dated as of the Interest Method Change Date with respect to such Group of 2019 Series A-1 Variable Rate Bonds, as applicable, approved by the Corporation and delivered to the Trustee for the benefit of the owners of 2019 Series A-1 Variable Rate Bonds of such Group, and, (ii) with respect to any Liquidity Facility replacing a previously existing Liquidity Facility, (a) dated as of a date not later than the expiration date of the Liquidity Facility for which the same is to be substituted (or, if no such Liquidity Facility exists, dated as of the Interest Method Change Date) and (b) issued on substantially similar terms and conditions with respect to the rights of the owners of 2019 Series A-1 Variable Rate Bonds of such Group to timely receipt of the Purchase Price thereof (including, but not limited to, the Mandatory Purchase Provision) as the then existing Liquidity Facility; provided that (a) the stated amount of any Liquidity Facility shall equal the sum of (x) the aggregate principal amount of 2019 Series A-1 Variable Rate Bonds of such Group at the time Outstanding, plus (y) during any Daily Rate Period or Weekly Rate Period, an amount at least equal to thirty-four (34) days of interest (at the Maximum Rate) on all 2019 Series A-1 Variable Rate Bonds of such Group at the time Outstanding, or such other amount as the Corporation shall determine based on then current rating agency standards, or during any Flexible Rate Period, an amount at least equal to 275 days of interest (at the Maximum Rate) on all 2019 Series A-1 Variable Rate Bonds of such Group at the time Outstanding, or such other amount as the Corporation shall determine based on then current rating agency standards, and (b) if any Liquidity Facility is to be in effect during any Daily Rate Period or Weekly Rate Period, it must provide for payment of the Purchase Price upon the exercise by any owner of a 2019 Series A-1 Variable Rate Bond of such Group of the Demand Purchase Option.

“Liquidity Provider” means the entity obligated to pay the Purchase Price of a Group of 2019 Series A-1 Variable Rate Bonds pursuant to the terms of the Liquidity Facility.

“Mandatory Purchase Provision” means the purchase provision described in Section 801 of Appendix A hereto.

“Maximum Rate” means, for each Group of 2019 Series A-1 Variable Rate Bonds, twelve percent (12%) per annum.

“NIBP Series 1 Bonds” means the Multi-Family Housing Revenue Bonds (Federal New Issue Bond Program), NIBP Series 1, authorized by the NIBP Series 1 Supplemental Resolution.

“NIBP Series 1 Supplemental Resolution” means the One Hundred Twenty-Fifth Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds (Federal New Issue Bond Program), NIBP Series 1, adopted by the Corporation on December 3, 2009, as amended and supplemented.

“NIBP Series 2 Bonds” means the Multi-Family Housing Revenue Bonds (Federal New Issue Bond Program), NIBP Series 2, authorized by the NIBP Series 2 Supplemental Resolution.

“NIBP Series 2 Supplemental Resolution” means the One Hundred Twenty-Sixth Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds (Federal New Issue Bond Program), NIBP Series 2, adopted by the Corporation on December 3, 2009, as amended and supplemented.

“Outstanding”, [when used with reference to a Group of 2019 Series A-1 Fixed Rate Bonds, has the meaning set forth in the General Resolution and,] when used with reference to a Group of 2019 Series A-1 Variable Rate Bonds, means, as of any date, all 2019 Series A-1 Variable Rate Bonds of such Group theretofore or thereupon being authenticated and delivered under the General Resolution except:

(1) any 2019 Series A-1 Bond cancelled by the Trustee or delivered to the Trustee for cancellation at or prior to such date;

(2) any 2019 Series A-1 Bond (or portion of such 2019 Series A-1 Bond) for the payment or redemption of which there have been separately set aside and held in the Redemption Account or the applicable 2019 Series A-1 Redemption Account, except during any Daily Rate Period or Weekly Rate Period, either:

(a) Moneys in an amount sufficient to effect payment of the principal or applicable Redemption Price of such 2019 Series A-1 Bond, together with accrued interest on such 2019 Series A-1 Bond (at the applicable Flexible Rate or Rates during any Flexible Rate Period or at the Term Rate or the Fixed Rate during any Term Rate Period or Fixed Rate Period, respectively) to the payment date or Redemption Date, which payment date or Redemption Date shall be specified in irrevocable instructions to the Trustee to apply such moneys to such payment or redemption on the date so specified; or

(b) Government Obligations, as described in Section 12.1(B) of the General Resolution, in such principal amounts, of such maturities, bearing such interest and otherwise having such terms and qualifications as shall be necessary to provide moneys in an amount sufficient to effect payment of the principal or applicable Redemption Price of such 2019 Series A-1 Bond, together with accrued interest on such 2019 Series A-1 Bond (at the applicable Flexible Rate or Rates during any Flexible Rate Period or at the Term Rate or the Fixed Rate

during any Term Rate Period or Fixed Rate Period, respectively) to the payment date or Redemption Date, which payment date or Redemption Date shall be specified in irrevocable instructions to the Trustee to apply such moneys to such payment or redemption on the date so specified; or

(c) any combination of (a) and (b) above;

(3) any 2019 Series A-1 Bond in lieu of or in substitution for which other 2019 Series A-1 Bonds shall have been authenticated and delivered pursuant to Section 2.3 hereof, Section 102 of Appendix A hereto or Article III, Section 6.6 or Section 9.6 of the General Resolution; and

(4) any 2019 Series A-1 Bond deemed to have been paid as provided in Section 12.1(B) of the General Resolution.

“Participants” means those broker-dealers, banks and other financial institutions for which DTC holds a Group of 2019 Series A-1 Bonds as securities depository.

“Pass-Through Bonds” means the Multi-Family Housing Revenue Bonds (Insured Mortgage Loan Pass-Through), 2017 Series A-1, authorized by the Pass-Through Resolution.

“Pass-Through Resolution” means the Two Hundred Fifty-Fourth Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds (Insured Mortgage Loan Pass-Through), 2017 Series A-1, adopted by the Corporation on September 19, 2017.

“Permitted Redemption or Tender Date” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds, during an Index Rate Period commencing on an Interest Method Change Date with respect to such Group of 2019 Series A-1 Variable Rate Bonds, either (a) any day or (b) the first Business Day of each calendar month, as determined by an Authorized Officer of the Corporation and set forth in a Certificate delivered to the Trustee on the first day of such Index Rate Period; provided, however, that the Permitted Redemption or Tender Date with respect to a Group also shall be any date consented to in writing by the person or persons who the Trustee in its discretion determines are the Beneficial Owners of all of the 2019 Series A-1 Variable Rate Bonds of such Group.

“Principal Office”, when used with respect to the Trustee shall mean The Bank of New York Mellon, 101 Barclay Street, Floor 7W, New York, New York 10286, Attention: New York Municipal Finance Unit, when used with respect to the Tender Agent shall mean the same address as that of the Trustee or the address of any successor Tender Agent appointed in accordance with the terms of this Supplemental Resolution, when used with respect to the Remarketing Agent shall have the meaning set forth in the applicable Remarketing Agreement, and when used with respect to the Liquidity Provider shall have the meaning set forth in the applicable Liquidity Facility, or such other offices designated to the Corporation in writing by the Trustee, the Tender Agent, the Remarketing Agent or the Liquidity Provider, as the case may be.

“Prior Bonds” means \$[ ] aggregate principal amount of the Multi-Family Housing Revenue Bonds, 2009 Series C-1, \$[ ] aggregate principal amount of the Multi-Family Housing Revenue Bonds, 2009 Series F, \$[ ] aggregate principal amount of the Multi-Family Housing Revenue Bonds, 2009 Series J, \$[ ] aggregate principal amount of the Multi-Family Housing Revenue Bonds, 2009 Series K, and \$[ ] aggregate principal amount of the Multi-Family Housing Revenue Bonds, 2009 Series M, authorized by the Prior Bonds Supplemental Resolutions.

“Prior Bonds Supplemental Resolutions” means the One Hundred Eleventh Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2009 Series C-1 of the Corporation, adopted on June 9, 2009, the One Hundred Seventeenth Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2009 Series F of the Corporation, adopted on September 15, 2009, the One Hundred Twenty-First Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2009 Series F of the Corporation, adopted on September 15, 2009, the One Hundred Twenty-Second Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2009 Series K of the Corporation, adopted on December 3, 2009 and the One Hundred Twenty-Fourth Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2009 Series M of the Corporation, adopted on December 3, 2009.

“Private Placement or Direct Sale Bond Purchase Agreement” means, with respect to all or a portion of a Group of 2019 Series A-1 Variable Rate Bonds to be remarketed on a private placement or direct sale basis to one or more Purchasers, the Private Placement or Direct Sale Bond Purchase Agreement, by and between the Corporation and such Purchasers, as the same may be amended or supplemented from time to time, or any replacement thereof.

“Purchase Price” means an amount equal to one hundred percent (100%) of the principal amount of any 2019 Series A-1 Variable Rate Bond, plus, unless the Purchase Price is to be paid on an Interest Payment Date (in which case interest will be paid in the normal manner), accrued and unpaid interest thereon to the date of purchase.

“Purchaser” means any bank, national bank, trust company, savings bank, savings and loan association, insurance company, governmental agency of the United States, or any wholly-owned subsidiary or combination thereof, purchasing a Group of 2019 Series A-1 Variable Rate Bonds pursuant to a Private Placement or Direct Sale Bond Purchase Agreement.

“Record Date” means, (i) with respect to any 2019 Series A-1 Variable Rate Bond during any Daily Rate Period, Weekly Rate Period or Flexible Rate Period, the Business Day immediately preceding an Interest Payment Date, (ii) with respect to any 2019 Series A-1 Variable Rate Bond during any Index Rate Period, the Business Day immediately preceding an Interest Payment Date, and (iii) with respect to any 2019 Series A-1 Variable Rate Bond during any Term Rate Period or Fixed Rate Period and with respect to any 2019 Series A-1 Fixed Rate Bond, the fifteenth (15th) day next preceding an Interest Payment Date.

“Redemption Date” means the date or dates upon which 2019 Series A-1 Bonds are to be called for redemption pursuant to this Supplemental Resolution and the General Resolution.

“Remarketing Agent” means a remarketing agent appointed by an Authorized Officer of the Corporation, which signifies its acceptance of such appointment and the duties and obligations of Remarketing Agent hereunder and under the related Remarketing Agreement by executing and delivering such Remarketing Agreement, and its successors and any corporation resulting from or surviving any consolidation or merger to which it or its successors may be a party, or any successor Remarketing Agent appointed by an Authorized Officer of the Corporation, which signifies its acceptance of such appointment and the duties and obligations of Remarketing Agent hereunder and under the related Remarketing Agreement by executing and delivering such Remarketing Agreement.

“Remarketing Agreement” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds, the Remarketing Agreement to be entered into by and among the Corporation and the applicable Remarketing Agent or Agents thereunder, as the same may be amended or supplemented from time to time, or any replacement thereof.

“Series” means any Series of 2019 Series A-1 Bonds authorized by this Supplemental Resolution.

“SONYMA” means the State of New York Mortgage Agency, a corporate governmental agency of the State of New York, constituting a political subdivision and public benefit corporation established under the SONYMA Act.

“SONYMA Act” means the State of New York Mortgage Agency Act, constituting Chapter 612 of the Laws of New York, 1970, as amended.

“SONYMA Insurance” means the mortgage insurance for multi-family rental housing developments authorized pursuant to the SONYMA Act.

“Supplemental Resolution” means this Two Hundred Seventy-Third Supplemental Multi-Family Housing Revenue Bond Resolution and, as referred to in Sections 11.3 and 11.4 hereof, any resolution supplemental to this Two Hundred Seventy-Third Supplemental Multi-Family Housing Revenue Bond Resolution, adopted by the Corporation and effective in accordance with Section 8.2(A) of the General Resolution.

“Tender Agent” means, with respect to each Group of 2019 Series A-1 Variable Rate Bonds, The Bank of New York Mellon, a New York banking corporation, and its successors and any corporation resulting from or surviving any consolidation or merger to which it or its successors may be a party, or any successor Tender Agent appointed in accordance with the terms of this Supplemental Resolution.

“Tender Agent Agreement” means, with respect to each Group of 2019 Series A-1 Variable Rate Bonds, the agreement to be entered into among the Trustee, the Tender Agent, the Corporation and the applicable Remarketing Agent or Agents, as the same may be amended or supplemented from time to time, or any replacement thereof.

“Term Rate” means the rate of interest on a Group of 2019 Series A-1 Variable Rate Bonds described in Section 601 of Appendix A hereto.

“Term Rate Period” means any period of time during which a Group of 2019 Series A-1 Variable Rate Bonds bears interest at the Term Rate.

“Term Rate Period Advance Tender Date” means any day established by the Corporation for tender of 2019 Series A-1 Variable Rate Bonds of a Group under the Mandatory Purchase Provision during a Term Rate Period, which is a day on or after the related Initial Redemption or Tender Date.

“Term Rate Start Date” shall have the meaning specified in Section 601(A) of Appendix A hereto.

“Term Rate Term” shall have the meaning specified in Section 601(D) of Appendix A hereto.

“2019 Series A-1 Mortgage Loans” means (i) the 2009 Series C Mortgage Loans, the 2009 Series F Mortgage Loans, the 2009 Series J Mortgage Loans, the 2009 Series K Mortgage Loans and the 2009 Series M Mortgage Loans (such terms as defined in the Prior Bonds Supplemental Resolutions), and (ii) any replacement of any of said Mortgage Loans as provided in Section 8.6 hereof.

“2019 Series A-1 Account” means one of the special accounts created and established pursuant to this Supplemental Resolution.

“2019 Series A-1 Bond” means one of the Multi-Family Housing Revenue Bonds, 2019 Series A-1, authorized by this Supplemental Resolution.

“2019 Series A-1 Bonds” means, collectively, all Series of 2019 Series A-1 Bonds authorized pursuant to Section 2.1 hereof.

“2019 Series A-1 Event of Default” means the event specified in Section 9.1 as a 2019 Series A-1 Event of Default.

[“2019 Series A-1 Fixed Rate Bonds” shall have the meaning specified in Section 102 of Appendix A hereto.]

“2019 Series A-1 Mortgagor” means a mortgagor with respect to any 2019 Series A-1 Mortgage Loan.

“2019 Series A-1 Remarketing Proceeds Purchase Account” means, with respect to a Group of 2019 Series A-1 Variable Rate Bonds, the 2019 Series A-1 Remarketing Proceeds Purchase Account referred to in Section 803 of Appendix A hereto.

“2019 Series A-1 Variable Rate Bonds” [shall have the meaning specified in Section 102 of Appendix A hereto][means the 2019 Series A-1 Bonds]. In recognition that 2019 Series A-1 Variable Rate Bonds may at any time consist of different Groups of 2019 Series A-1 Bonds in differing interest rate modes, provisions hereof relating to 2019 Series A-1 Variable Rate Bonds during any Daily Rate Period, Weekly Rate Period, Index Rate Period, Flexible Rate Period or Term Rate Period or Fixed Rate Period shall refer solely to those 2019 Series A-1

Variable Rate Bonds bearing interest at a Daily Rate, Weekly Rate, Index Rate, Flexible Rate, Term Rate or Fixed Rate, respectively.

“Undelivered 2019 Series A-1 Bonds” means, (i) with respect to the Mandatory Purchase Provision, any 2019 Series A-1 Variable Rate Bonds of the applicable Group which have not been delivered to the Tender Agent for purchase on or prior to the Change Date, or (ii) with respect to the Demand Purchase Option, any 2019 Series A-1 Variable Rate Bonds not delivered to the Corporation or the Tender Agent for purchase after notice of tender within the time period prescribed by this Supplemental Resolution.

“Voluntary Sale Proceeds” means the proceeds of the sale, assignment, endorsement or other disposition of any Mortgage Loan (including any 2019 Series A-1 Mortgage Loan) (except a sale, assignment, endorsement or other disposition required pursuant to the General Resolution in the event of a default under the General Resolution or made when, in the sole judgment of the Corporation, such Mortgage Loan is in default).

“Weekly Effective Rate Date” means, (i) with respect to any Weekly Rate Term following another Weekly Rate Term, Thursday of any week, and (ii) with respect to a Weekly Rate Term that does not follow another Weekly Rate Term, the Interest Method Change Date with respect thereto.

“Weekly Rate” means the rate of interest on a Group of 2019 Series A-1 Variable Rate Bonds described in Section 301 of Appendix A hereto.

“Weekly Rate Period” means any period of time during which a Group of 2019 Series A-1 Variable Rate Bonds bears interest at the Weekly Rate.

“Weekly Rate Term” means, with respect to any particular 2019 Series A-1 Variable Rate Bond, the period commencing on a Weekly Effective Rate Date and terminating on the earlier of the last calendar day prior to the Weekly Effective Rate Date of the following Weekly Rate Term, or the last calendar day prior to a Change Date.

“Wrongful Dishonor” means an uncured default by the Liquidity Provider of its obligations to honor a drawing as required pursuant to the terms of the applicable Liquidity Facility.

(C) All references to Appendix A which do not specify the document to which such Appendix relates shall be deemed to refer to Appendix A to this Supplemental Resolution.

Section 1.3. Authority. This Supplemental Resolution is adopted pursuant to the provisions of the Act and the General Resolution.

## ARTICLE II

### TERMS, ISSUANCE AND SALE

Section 2.1. Authorization, Principal Amount, Designation and Series. (A) In order to provide funds necessary to refund the Prior Bonds in accordance with the terms, conditions and limitations established in the General Resolution and this Supplemental Resolution, the 2019 Series A-1 Bonds are hereby authorized to be issued in one or more Series in the aggregate principal amount set forth in Appendix A hereto. The Corporation is of the opinion and hereby determines that the issuance of the 2019 Series A-1 Bonds in the said amount is necessary to provide sufficient funds to be used and expended for such purpose.

(B) In addition to the title "Multi-Family Housing Revenue Bonds", the Bonds of each Series authorized by this Section 2.1 will bear the additional designation set forth in Section 102 of Appendix A hereto and each as so designated will be entitled "Multi-Family Housing Revenue Bond," followed by such Series designation.

Section 2.2. Purpose. The purpose for which the 2019 Series A-1 Bonds are being issued is to provide funds for deposit in the Accounts established pursuant to the General Resolution as set forth in Article IV hereof in order to refund the Prior Bonds.

Section 2.3. Maturity, Interest, Numbering and Lettering Provisions; Replacement Bonds. (A) The 2019 Series A-1 Bonds shall be dated initially as of, and shall bear interest initially from, their date of initial issuance (and thereafter as set forth in Section 3.1(E) of the General Resolution), and shall bear interest and mature as set forth in Appendix A hereto.

(B) Interest on the 2019 Series A-1 Bonds shall be computed on the basis set forth in Appendix A hereto.

(C) Each 2019 Series A-1 Bond shall be identified by its Series designation followed by "-R" and shall be numbered consecutively from "1" upwards in order of issuance. 2019 Series A-1 Bonds issued in exchange therefor shall be numbered in such manner as the Trustee in its discretion shall determine.

(D) On and after any Interest Method Change Date with respect to a 2019 Series A-1 Variable Rate Bond, if so determined by the Corporation, there shall be substituted for such 2019 Series A-1 Variable Rate Bond, a new 2019 Series A-1 Variable Rate Bond, in such form as shall be approved by the Corporation, containing such terms and provisions as are required by this Supplemental Resolution. Such new 2019 Series A-1 Variable Rate Bonds may be executed by or on behalf of the Corporation and delivered to the Trustee for authentication and the Trustee shall thereupon authenticate and deliver such 2019 Series A-1 Variable Rate Bonds upon the order of the Corporation.

(E) On and after any Facility Change Date, the Trustee shall not permit the registration of transfer of any 2019 Series A-1 Variable Rate Bonds of a Series to any person other than the Liquidity Provider or any party controlling the Liquidity Provider, until such time as the Trustee receives (i) a Liquidity Facility with respect to such Series of 2019 Series A-1



Variable Rate Bonds or (ii) notice from the Corporation of its election to provide no Liquidity Facility with respect to such Series of 2019 Series A-1 Variable Rate Bonds in accordance with and subject to the provisions of Section 105(D) of Appendix A hereto. The Corporation shall not purchase or hold any 2019 Series A-1 Variable Rate Bonds except for the purpose of presenting such 2019 Series A-1 Variable Rate Bonds to the Trustee for cancellation.

(F) In the event any 2019 Series A-1 Variable Rate Bond is deemed purchased by a Tender Agent as provided in Section 801 or 802 of Appendix A hereto but is not physically delivered to such Tender Agent, the Corporation shall immediately execute and the Trustee shall immediately authenticate a new 2019 Series A-1 Variable Rate Bond of like Series and denomination as that deemed purchased.

Section 2.4. Sale of 2019 Series A-1 Bonds. The 2019 Series A-1 Bonds shall be sold to such purchaser or purchasers as the Corporation shall determine.

Section 2.5. Redemption Provisions. The 2019 Series A-1 Bonds shall be subject to redemption as set forth in Appendix A hereto. Notwithstanding anything contained in Section 6.5 of the General Resolution to the contrary, with respect to 2019 Series A-1 Variable Rate Bonds, the Trustee shall mail a copy of the notice described in said Section 6.5, not less than fifteen (15) days in the case of a 2019 Series A-1 Variable Rate Bond during a Daily Rate Period, Weekly Rate Period, Index Rate Period, Flexible Rate Period or Term Rate Period and not less than twenty (20) days in the case of a 2019 Series A-1 Variable Rate Bond during a Fixed Rate Period and in the case of a 2019 Series A-1 Fixed Rate Bond, before the Redemption Date to the registered owners of any such 2019 Series A-1 Bonds or portions thereof which are to be redeemed, at their last addresses, if any, appearing upon the registry books.

Section 2.6. Book-Entry Provisions. (A) Except as provided in subsection (C) of this Section 2.6 or as otherwise determined in a Certificate of an Authorized Officer of the Corporation delivered to the Trustee on the date of initial issuance and delivery of the 2019 Series A-1 Bonds or on any Interest Method Change Date, the registered owner of all of the 2019 Series A-1 Bonds of a Series shall be Cede & Co., as nominee for DTC, and such 2019 Series A-1 Bonds shall be registered in the name of Cede & Co., as nominee for DTC. Payment of interest for any 2019 Series A-1 Bond registered in the name of Cede & Co. shall be made by wire transfer or Federal or equivalent same day funds to the account of Cede & Co. on the Interest Payment Date for such 2019 Series A-1 Bond at the address indicated for Cede & Co. in the registry books of the Corporation kept by the Trustee.

(B) Each Series of 2019 Series A-1 Bonds shall be initially issued in the form of separate single authenticated fully registered 2019 Series A-1 Bonds in the amount of each separate stated maturity and CUSIP number of the 2019 Series A-1 Bonds of each Series. Upon initial issuance, the ownership of each Series of 2019 Series A-1 Bonds shall be registered in the registry books of the Corporation kept by the Trustee in the name of Cede & Co., as nominee of DTC. The Trustee and the Corporation may treat DTC (or its nominee) as the sole and exclusive owner of 2019 Series A-1 Bonds of a Series registered in its name for the purposes of payment of the principal or Redemption Price of or interest on such 2019 Series A-1 Bonds, selecting the 2019 Series A-1 Bonds of each Series or portions thereof to be redeemed, giving any notice permitted or required to be given to owners of such 2019 Series A-1 Bonds under the General

Resolution or this Supplemental Resolution, registering the transfer of such 2019 Series A-1 Bonds, obtaining any consent or other action to be taken by owners of such 2019 Series A-1 Bonds and for all other purposes whatsoever, and neither the Trustee nor the Corporation shall be affected by any notice to the contrary. The Trustee and the Corporation shall not have any responsibility or obligation to any Participant, any person claiming a beneficial ownership interest in 2019 Series A-1 Bonds of a Series under or through DTC or any Participant, or any other person which is not shown on the registration books of the Trustee as being an owner of such 2019 Series A-1 Bonds, with respect to the accuracy of any records maintained by DTC or any Participant; the payment of DTC or any Participant of any amount in respect of the principal or Redemption Price of or interest on such 2019 Series A-1 Bonds; any notice which is permitted or required to be given to owners of such 2019 Series A-1 Bonds under the General Resolution or this Supplemental Resolution; the selection by DTC or any Participant of any person to receive payment in the event of a partial redemption of such 2019 Series A-1 Bonds; or any consent given or other action taken by DTC as owner of such 2019 Series A-1 Bonds. The Trustee shall pay all principal of, and premium, if any, and interest on 2019 Series A-1 Bonds of a Series only to or "upon the order of" Cede & Co., as nominee for DTC (as that term is used in the Uniform Commercial Code as adopted in the State), and all such payments shall be valid and effective to fully satisfy and discharge the Corporation's obligations with respect to the principal of, and premium, if any, and interest on such 2019 Series A-1 Bonds to the extent of the sum or sums so paid. No person other than DTC shall receive an authenticated 2019 Series A-1 Bond for each separate Series and stated maturity evidencing the obligation of the Corporation to make payments of principal of and premium, if any, and interest on such 2019 Series A-1 Bonds pursuant to the General Resolution and this Supplemental Resolution. Upon delivery by DTC to the Trustee of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions herein with respect to transfers, the word "Cede & Co." in this Supplemental Resolution shall refer to such new nominee of DTC.

(C) In the event the Corporation determines that it is in the best interest of the Beneficial Owners that they be able to obtain 2019 Series A-1 Bond certificates, the Corporation may notify DTC and the Trustee, whereupon DTC will notify the Participants, of the availability through DTC of such 2019 Series A-1 Bond certificates. In such event, the Corporation shall issue, and the Trustee shall transfer and exchange, 2019 Series A-1 Bond certificates as requested by DTC and any other 2019 Series A-1 Bond owners in appropriate amounts. DTC may determine to discontinue providing its services with respect to 2019 Series A-1 Bonds of a Series at any time by giving notice to the Corporation and the Trustee and discharging its responsibilities with respect thereto under applicable law. Under such circumstances (if there is no successor securities depository), the Corporation and the Trustee shall be obligated to deliver 2019 Series A-1 Bond certificates as described in the General Resolution. In the event 2019 Series A-1 Bond certificates are issued, the provisions of the General Resolution shall apply to, among other things, the transfer and exchange of such certificates and the method of payment of principal of and interest on such certificates. Whenever DTC requests the Corporation and the Trustee to do so, the Trustee and the Corporation will cooperate with DTC in taking appropriate action after reasonable notice (i) to make available one or more separate certificates evidencing the 2019 Series A-1 Bonds of a Series to any DTC Participant having such 2019 Series A-1 Bonds credited to its DTC account or (ii) to arrange for another securities depository to maintain custody of certificates evidencing such 2019 Series A-1 Bonds.

(D) Notwithstanding any other provision of the General Resolution or this Supplemental Resolution to the contrary, so long as any 2019 Series A-1 Bond is registered in the name of Cede & Co., as nominee of DTC, all payments with respect to the principal of, and premium, if any, and interest on such 2019 Series A-1 Bond and all notices with respect to and surrender or delivery of such 2019 Series A-1 Bond shall be made and given, respectively, to or by DTC as provided in the Letter of Representations. Bondholders shall have no lien or security interest in any rebate or refund paid by DTC to the Trustee which arises from the payment by the Trustee of principal of or interest on 2019 Series A-1 Bonds of a Series in accordance with existing arrangements with DTC.

(E) In connection with any notice or other communication to be provided to 2019 Series A-1 Bond owners pursuant to the General Resolution or this Supplemental Resolution by the Corporation or the Trustee with respect to any consent or other action to be taken by owners of 2019 Series A-1 Bonds of a Series, the Corporation or the Trustee, as the case may be, shall establish a record date for such consent or other action and give DTC notice of such record date not less than fifteen (15) calendar days in advance of such record date to the extent possible. Notice to DTC shall be given only when DTC under this subsection (E) is the sole owner of a Series of 2019 Series A-1 Bond.

(F) Notwithstanding anything contained herein to the contrary, so long as any 2019 Series A-1 Variable Rate Bond is held in book-entry form, such 2019 Series A-1 Variable Rate Bond need not be delivered in connection with any tender pursuant to Chapter 8 of Appendix A hereto, and all references in said Chapter 8 to physical delivery of 2019 Series A-1 Variable Rate Bonds shall be ineffective. In such case, payment of the Purchase Price in connection with such tender shall be made to the registered owner of such 2019 Series A-1 Variable Rate Bonds on the date designated for such payment, without further action by the Beneficial owner who delivered notice, and, notwithstanding the provisions of said Chapter 8, transfer of beneficial ownership shall be made in accordance with the procedures of DTC.

ARTICLE III

[RESERVED]

## ARTICLE IV

### APPLICATION OF BOND PROCEEDS

Section 4.1. Refunding of Prior Bonds. Upon receipt of the proceeds of the sale of the 2019 Series A-1 Bonds, such proceeds shall be deposited in the Bond Proceeds Account and shall be transferred, at the direction of the Corporation, to the Redemption Account to be applied to pay the Redemption Price of the Prior Bonds.

ARTICLE V  
[RESERVED]

ARTICLE VI

[RESERVED]

ARTICLE VII

FORM

Section 7.1. Form of 2019 Series A-1 Bonds. Subject to the provisions of the General Resolution, and except as provided in Section 2.3(D) hereof with respect to 2019 Series A-1 Variable Rate Bond, the 2019 Series A-1 Bonds of each Series shall be in substantially the following form, with necessary and appropriate variations, omissions and insertions as permitted by the General Resolution and this Supplemental Resolution (including, but not limited to, variations, omissions and insertions necessary in connection with the remarketing of one or more Series of 2019 Series A-1 Variable Rate Bonds):

(FORM OF REGISTERED BOND)

No. A-1-R-\_\_\_

CUSIP:

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION  
MULTI-FAMILY HOUSING REVENUE BOND, 2019 SERIES A-1

MATURITY DATE:

REGISTERED OWNER: Cede & Co.

INITIAL DATE:

PRINCIPAL AMOUNT:

INTEREST RATE:

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION (herein sometimes called the "Corporation"), a corporate governmental agency, constituting a public benefit corporation, created and existing under and pursuant to the laws of the State of New York (herein sometimes called the "State"), acknowledges itself indebted to, and for value received, hereby promises to pay, solely from the sources hereinafter provided, to the REGISTERED OWNER (as set forth above), upon presentation and surrender of this bond at the corporate trust office in the City of New York, New York of the Trustee hereinafter mentioned on the MATURITY DATE (unless redeemed prior thereto as hereinafter provided), the PRINCIPAL AMOUNT specified above, and to pay, solely from said sources, interest thereon from the most recent Interest Payment Date to which interest has been paid, or, if no interest has been paid, from the INITIAL DATE specified above, until the earlier of the maturity or redemption of this bond, initially at the per annum INTEREST RATE specified above, payable on such dates, as determined in accordance with the provisions of the hereinafter defined Resolutions. Both the principal of and the interest on this bond are payable in any coin or currency of the United States of America which, on the respective dates of payment thereof, shall be legal tender for the payment of public and private debts. Payment of the interest on this bond on any Interest Payment Date will be made to the person appearing on the bond registration books of the Corporation as the registered owner hereof as of the fifteenth (15th) day next preceding such Interest Payment Date, such interest to be paid by check or draft mailed to the registered owner at such registered owner's address.



This bond is one of the bonds of a duly authorized issue of bonds in the aggregate principal amount of \$[\_\_\_\_\_], designated "Multi-Family Housing Revenue Bonds, 2019 Series A-1" (herein called the "2019 Series A-1 Bonds"), authorized to be issued under and pursuant to the "New York City Housing Development Corporation Act", Article XII of the Private Housing Finance Law (Chapter 44-b of the Consolidated Laws of the State of New York, as amended) (the "Act") and a resolution of the Corporation adopted on July 27, 1993, as amended, and entitled: "Multi-Family Housing Revenue Bonds Bond Resolution" (herein called the "General Resolution") and a supplemental resolution of the Corporation adopted on [\_\_\_\_\_], 2018 and entitled: "Two Hundred Seventy-Third Supplemental Resolution Authorizing the Issuance of Multi-Family Housing Revenue Bonds, 2019 Series A-1" (herein called the "Two Hundred Seventy-Third Supplemental Resolution"; the Two Hundred Seventy-Third Supplemental Resolution and the General Resolution being collectively herein called the "Resolutions"), for the purpose of providing the Corporation with moneys to refund the Prior Bonds (as defined in the Two Hundred Seventy-Third Supplemental Resolution). Upon the terms and conditions prescribed by the General Resolution, bonds in addition to the 2019 Series A-1 Bonds may be issued by the Corporation on a parity with or subordinate to the 2019 Series A-1 Bonds for the purposes described in the General Resolution. Any capitalized term used herein and not otherwise defined shall have the same meaning as set forth in the Resolutions, unless the context otherwise requires.

As provided in the Resolutions, the 2019 Series A-1 Bonds issued pursuant to the Resolutions may bear interest at different rates, mature at different times and, subject to the provisions thereof, may otherwise vary. All Bonds issued and to be issued under the General Resolution are and will be equally secured by the pledges and covenants made therein except as otherwise expressly provided or permitted in the Resolutions. Copies of the Resolutions are on file at the office of the Corporation and at the corporate trust office of The Bank of New York Mellon, as trustee under the Resolutions (herein called the "Trustee"), in the Borough of Manhattan, City and State of New York, and reference to the Resolutions and any and all supplements thereto and modifications and amendments thereof and to the Act is made for a description of the pledges and covenants securing the 2019 Series A-1 Bonds, the nature, extent and manner of enforcement of such pledges, the rights and remedies of the registered owners of the 2019 Series A-1 Bonds with respect thereto and the terms and conditions upon which the 2019 Series A-1 Bonds have been issued and may be issued thereunder. Upon certain conditions contained in the Resolutions, the provisions thereof may be discharged and satisfied prior to the maturity of the 2019 Series A-1 Bonds. To the extent and in the manner permitted by the terms of the General Resolution, the provisions of the General Resolution or any resolution amendatory thereof or supplemental thereto may be modified or amended by the Corporation, with the written consent of the owners of at least two-thirds in principal amount of the Bonds then Outstanding, and, in case less than all of the Bonds would be affected thereby, with such consent of the owners of at least two-thirds in principal amount of the Bonds so affected then Outstanding. If such modification or amendment will by its terms not take effect so long as any Bonds of any specified series and maturity remain Outstanding, however, the consent of the owners of such Bonds shall not be required. In addition, to the extent and in the manner permitted by the terms of the General Resolution, the supplemental resolution authorizing the issuance of the 2019 Series A-1 Bonds may, if no Bonds other than the 2019 Series A-1 Bonds are thereby affected, be modified or amended by the Corporation, with the written consent of the owners of at least two-thirds in principal amount of the 2019 Series A-1 Bonds then Outstanding.

The owner of this 2019 Series A-1 Bond shall have no right to enforce the provisions of the Resolutions, to institute action to enforce the provisions of the Resolutions or to institute, appear in or defend any suit or other proceeding with respect thereto, except as provided in the Resolutions. Upon the occurrence of certain events, on the conditions, in the manner and with the effect set forth in the General Resolution, the principal of all the Bonds issued thereunder and then Outstanding, together with interest accrued thereon, may become or may be declared due and payable before the maturity thereof.

Under certain circumstances described in the Resolutions, the interest rate on this 2019 Series A-1 Bond may be changed to a Daily Rate, a Weekly Rate, an Index Rate, a Term Rate, a Flexible Rate, or a Fixed Rate, and after any such change, back to a Daily Rate, Weekly Rate, Index Rate, Flexible Rate, Term Rate or Fixed Rate.

This bond is transferable, as provided in the Resolutions, only upon the books of the Corporation kept for that purpose at the office of the Trustee by the registered owner hereof in person or by such registered owner's attorney duly authorized in writing, upon surrender of this bond together with a written instrument of transfer satisfactory to the Trustee duly executed by the registered owner or such registered owner's attorney duly authorized in writing, and thereupon a new fully registered 2019 Series A-1 Bond or Bonds in the same aggregate principal amount and of the same maturity and interest rate, shall be issued to the transferee in exchange therefor as provided in the General Resolution and upon the payment of the charges, if any, therein prescribed. The Corporation and the Trustee for this bond may treat and consider the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment of, or on account of, the principal or Redemption Price, if any, hereof and interest due hereon and for all other purposes whatsoever.

The 2019 Series A-1 Bonds are issuable solely in fully registered form in the denomination of \$5,000 each or in denominations of any whole multiple thereof during a Fixed Rate Period. Subject to the conditions and upon the payment of the charges, if any, contained in the Resolutions, 2019 Series A-1 Bonds, upon surrender thereof at the corporate trust office of the Trustee with a written instrument of transfer satisfactory to the Trustee, duly executed by the registered owner or such registered owner's attorney duly authorized in writing, may, at the option of the registered owner thereof, be exchanged for an equal aggregate principal amount of 2019 Series A-1 Bonds, of any other authorized denominations, of the same maturity, interest rate and CUSIP number.

This bond and the issue of which it forms a part are special revenue obligations of the Corporation payable solely out of the revenues and assets pledged therefor pursuant to the General Resolution. There are pledged to the payment of the principal or Redemption Price, if any, hereof and interest hereon in accordance with the provisions of the General Resolution, (i) the Revenues and (ii) all moneys and securities held in any Account established by the General Resolution, subject only to the provisions of the General Resolution permitting the use and application thereof for the purposes and on the conditions set forth in the General Resolution. Such pledge and other obligations of the Corporation may be discharged, wholly or in part, at or prior to the maturity of the Bonds upon the making of provision for the payment of the principal thereof and the interest thereon on the terms and conditions set forth in the General Resolution.

The 2019 Series A-1 Bonds shall be subject to redemption, including redemption at par, on the terms and conditions set forth in the Resolutions. This 2019 Series A-1 Bond also is subject to mandatory tender for purchase (and, if the method of determining interest on this 2019 Series A-1 Bond is changed, in certain circumstances, optional tender for purchase), on the terms and conditions set forth in the Resolutions.

Neither the members of the Corporation nor any other person executing the 2019 Series A-1 Bonds shall be subject to any personal liability or accountability by reason of the issuance thereof.

The 2019 Series A-1 Bonds shall not be a debt of either the State of New York or The City of New York and neither the State nor the City shall be liable thereon, nor shall the 2019 Series A-1 Bonds be payable out of any funds of the Corporation other than those of the Corporation pledged therefor.

This bond shall not be valid or obligatory for any purpose or be entitled to any security or benefit under the Resolutions until the Certificate of Authentication hereon shall have been signed by the Trustee.

IT IS HEREBY CERTIFIED, RECITED AND DECLARED that all acts, conditions and things required by the Constitution and statutes of the State of New York and the Resolutions to exist, to have happened and to have been performed precedent to and in the issuance of this bond, exist, have happened and have been performed in due time, form and manner as required by law and that the issue of the 2019 Series A-1 Bonds, together with all other indebtedness of the Corporation, is within every debt and other limit prescribed by law.

IN WITNESS WHEREOF, the NEW YORK CITY HOUSING DEVELOPMENT CORPORATION has caused this bond to be executed in its name by the manual or facsimile signature of an Authorized Officer and its corporate seal (or a facsimile thereof) to be affixed, imprinted, engraved or otherwise reproduced hereon and attested by the manual or facsimile signature of its Secretary or Assistant Secretary, all as of this \_\_\_\_ day of \_\_\_\_\_.

NEW YORK CITY HOUSING  
DEVELOPMENT CORPORATION

By \_\_\_\_\_  
Authorized Officer

(SEAL)

Attest:

\_\_\_\_\_  
Secretary or Assistant Secretary

CERTIFICATE OF AUTHENTICATION

This bond is one of the 2019 Series A-1 Bonds described in the within-mentioned Resolutions.

THE BANK OF NEW YORK MELLON,  
as Trustee

By \_\_\_\_\_  
Authorized Signature

Date of Authentication:

ASSIGNMENT

FOR VALUE RECEIVED the undersigned hereby sells, assigns and transfers  
unto

Please Insert Social Security  
or other Identifying Number of  
Assignee.  
(For computer record only)

\_\_\_\_\_  
\_\_\_\_\_

Please Print or Typewrite Name and Address of Transferee

the within Bond, and all rights thereunder, and hereby irrevocably constitutes and appoints  
\_\_\_\_\_ Attorney to transfer the within Bond on the books  
kept for the registration thereof, with full power of substitution in the premises.

Dated:

NOTICE: The signature to this assignment must correspond with the name as it appears on the  
face of the within Bond in every particular, without alteration or enlargement or any change  
whatever.

Signature Guaranteed:

\_\_\_\_\_

NOTICE: Signature(s) must be guaranteed by a registered broker-dealer or a commercial bank  
or trust company.

## ARTICLE VIII

### ADDITIONAL PROVISIONS REGARDING THE 2019 SERIES A-1 MORTGAGE LOANS AND THE 2019 SERIES A-1 BONDS

Section 8.1. Tax Covenants to Apply. The Corporation hereby designates the 2019 Series A-1 Bonds as Bonds to which the Corporation intends the provisions of Section 7.9 of the General Resolution to apply.

Section 8.2. Cash Equivalents. Notwithstanding anything to the contrary contained in the General Resolution, the Corporation may, at any time, provide to the Trustee one or more Cash Equivalents for deposit in the Debt Service Reserve Account in an amount not exceeding the amount of the Debt Service Reserve Account Requirement specified in this Supplemental Resolution. In the event any such Cash Equivalents are so provided in replacement of funds on deposit in the Debt Service Reserve Account, the Trustee shall make such deposit and transfer funds in an equivalent amount from the Debt Service Reserve Account to the Revenue Account.

Section 8.3. [Reserved]

Section 8.4. [Reserved]

Section 8.5. Certain Amounts Relating to Acquired Projects to Constitute Pledged Receipts or Recoveries of Principal. With respect to any Acquired Project, (i) Acquired Project Net Operating Income shall constitute Pledged Receipts, and (ii) the proceeds of sale of such Acquired Project shall constitute Recoveries of Principal.

Section 8.6. Additional Provisions Regarding Enforcement and Foreclosure of Mortgages; Alternatives. With respect to the 2019 Series A-1 Mortgage Loans, the following additional provisions shall apply:

(i) The Corporation shall take all steps, actions and proceedings necessary, in the judgment of the Corporation, to protect its rights with respect to the Mortgages securing the 2019 Series A-1 Mortgage Loans.

(ii) Whenever, in the Corporation's judgment, it shall be necessary in order to protect and enforce the rights of the Corporation under a Mortgage securing a 2019 Series A-1 Mortgage Loan and to protect and enforce the rights and interests of Bondholders, the Corporation may, in its discretion, commence foreclosure proceedings against the Mortgagor in default under the provisions of such Mortgage and/or, in protection and enforcement of its rights under such Mortgage, the Corporation may, in its discretion, acquire and take possession of the Project covered by such Mortgage by bidding for and purchasing such Project at the foreclosure sale thereof, by deed in lieu of foreclosure or otherwise.

(iii) Upon acquisition by the Corporation of a Project securing a 2019 Series A-1 Mortgage Loan by foreclosure, deed in lieu of foreclosure or otherwise, and so long as the Corporation shall have title thereto or be in possession thereof, the

Corporation shall, as the case may be, operate and administer such Project in the place and stead of the Mortgagor and in the manner required of such Mortgagor by the terms and provisions of the related Mortgage. The Corporation shall pay the Acquired Project Net Operating Income derived from such Acquired Project to the Trustee for deposit into the Revenue Account.

(iv) Notwithstanding the provisions of paragraph (iii) of this Section 8.6, upon acquisition by the Corporation of a Project securing a 2019 Series A-1 Mortgage Loan, whether by foreclosure, deed in lieu of foreclosure or otherwise:

(1) The Corporation may at any time thereafter sell such Project to another qualified entity and make a Mortgage Loan with respect thereto as if such entity were the original Mortgagor, provided that (i) the Mortgage securing such Mortgage Loan shall contain the terms, conditions, provisions and limitations substantially similar to the Mortgage of such Project which had previously secured the related 2019 Series A-1 Mortgage Loan, (ii) said new Mortgage Loan shall automatically become subject to the lien of the General Resolution and (iii) the Corporation shall file with the Trustee a Certificate of an Authorized Officer describing said replacement Mortgage Loan and specifying which 2019 Series A-1 Mortgage Loan has been so replaced; or

(2) The Corporation may at any time thereafter sell such Project provided that the proceeds of such sale shall be treated as a Recovery of Principal.

(v) In addition, and as an alternative to the rights of the Corporation described above in this Section 8.6, following a default under a 2019 Series A-1 Mortgage Loan, the Corporation may, in its discretion, cause or consent to the sale of a Project securing such 2019 Series A-1 Mortgage Loan to another qualified entity and, in connection with any such sale (a) allow the purchaser to assume the related Mortgage, or (b) make a Mortgage Loan with respect thereto as if such entity were the original Mortgagor, if such sale shall occur after the original Mortgage shall have been discharged, provided, however, that (i) the Mortgage securing such Mortgage Loan shall contain the terms, conditions, provisions and limitations substantially similar to the Mortgage of such Project which had previously secured the related 2019 Series A-1 Mortgage Loan, (ii) said new Mortgage Loan shall automatically become subject to the lien of the General Resolution and (iii) the Corporation shall file with the Trustee a Certificate of an Authorized Officer describing said replacement Mortgage Loan and specifying which 2019 Series A-1 Mortgage Loan has been so replaced.

(vi) To the extent permitted by law, any rights of the Corporation set forth in (i) - (v) above in this Section 8.6 may be exercised by a subsidiary of the Corporation established pursuant to Section 654-a of the Act.

(vii) Notwithstanding the foregoing provisions of this Section 8.6, from and after the date of issuance of SONYMA Insurance with respect to a 2019 Series A-1 Mortgage Loan insured by SONYMA Insurance, the provisions of (i) - (vi) above shall apply with respect to such 2019 Series A-1 Mortgage Loan only during the period that SONYMA has failed to honor its payment obligations under such SONYMA Insurance.

(viii) In addition, and as a further alternative to the rights of the Corporation described above in this Section 8.6, following a default under a 2019 Series A-1 Mortgage Loan, the Corporation may, in its discretion, obtain amounts under any letter of credit or other credit enhancement securing such 2019 Series A-1 Mortgage Loan or under any agreement entered into by the Corporation and the provider of such letter of credit or other credit enhancement in connection with the providing of such letter of credit or credit enhancement, in accordance with the terms thereof; provided that if the Corporation obtains funds in an amount equal to the outstanding principal balance of such 2019 Series A-1 Mortgage Loan, plus the lesser of (i) accrued interest thereon or (ii) the maximum amount available with respect to accrued interest thereon, pursuant to any such letter of credit, credit enhancement or other agreement, the Corporation shall immediately assign such 2019 Series A-1 Mortgage Loan to or upon the order of the provider thereof free and clear of the lien of the General Resolution.

Section 8.7. Prepayment Premiums or Penalties Not to Constitute Pledged Receipts or Recoveries of Principal. With respect to the 2019 Series A-1 Mortgage Loans, any prepayment premiums or penalties shall not constitute Pledged Receipts or Recoveries of Principal.

Section 8.8. Certain Amounts Relating to Letters of Credit or Other Credit Enhancements Securing the 2019 Series A-1 Mortgage Loans to Constitute Pledged Receipts or Recoveries of Principal. With respect to the 2019 Series A-1 Mortgage Loans, amounts obtained under a letter of credit or other credit enhancement securing a 2019 Series A-1 Mortgage Loan or under any agreement entered into by the Corporation and the provider of such letter of credit or other credit enhancement in connection with the providing of such letter of credit or credit enhancement, in the event of a default on such 2019 Series A-1 Mortgage Loan (i) with respect to scheduled principal and/or interest payments required by such 2019 Series A-1 Mortgage Loan, shall constitute Pledged Receipts, and (ii) other than with respect to scheduled principal and/or interest payments required by such 2019 Series A-1 Mortgage Loan, shall constitute Recoveries of Principal.

Section 8.9. Covenants with Respect to 2019 Series A-1 Mortgage Loans Insured by SONYMA Insurance. (A) With respect to any 2019 Series A-1 Mortgage Loan insured by SONYMA Insurance, for so long as the SONYMA Insurance is in effect with respect to such 2019 Series A-1 Mortgage Loan and SONYMA has not failed to honor a claim thereunder, any assignment or reassignment of such 2019 Series A-1 Mortgage Loan pursuant to Section 7.10(A) of the General Resolution shall be effected in accordance with such SONYMA Insurance.

(B) With respect to any 2019 Series A-1 Mortgage Loan insured by SONYMA Insurance, the Corporation shall not take any action in conflict with the SONYMA Insurance or any applicable SONYMA regulations or 2019 Series A-1 Mortgage Loan documents approved by SONYMA so as to jeopardize the procurement or continuation of the SONYMA Insurance. The Corporation shall promptly advise the Trustee of the occurrence of a default on any such 2019 Series A-1 Mortgage Loan and shall keep the Trustee advised as to any actions taken either to cure such default and/or to claim the benefits of SONYMA Insurance including, but not limited to, the filing of a claim with respect to such SONYMA Insurance. In



addition, the Corporation shall not take any action with respect to any such 2019 Series A-1 Mortgage Loan that would cause the loss or diminution of benefits receivable as SONYMA Insurance with respect to such 2019 Series A-1 Mortgage Loan. The Corporation shall assign such 2019 Series A-1 Mortgage Loan in default to SONYMA or take such other actions in timely fashion so as to receive the benefits of the SONYMA Insurance and avoid any loss or diminution of benefits receivable as SONYMA Insurance, and shall take any and all action necessary or desirable to ensure that all benefits of SONYMA Insurance are paid to the Corporation or the Trustee, as the case may be, in cash, in accordance with the SONYMA Insurance and any applicable regulations of SONYMA. The foregoing provisions of this Section 8.10(B) shall apply only from and after the date of issuance of SONYMA Insurance with respect to such 2019 Series A-1 Mortgage Loan.

Section 8.10. Certain Amounts Relating to SONYMA Insurance to Constitute Pledged Receipts or Recoveries of Principal. With respect to any 2019 Series A-1 Mortgage Loan insured by SONYMA Insurance, amounts obtained pursuant to such SONYMA Insurance, (i) with respect to scheduled principal and/or interest payments required by such 2019 Series A-1 Mortgage Loan, shall constitute Pledged Receipts, and (ii) other than with respect to scheduled principal and/or interest payments required by such 2019 Series A-1 Mortgage Loan, shall constitute Recoveries of Principal.

Section 8.11. Cash Flow Statements. (A) For so long as any NIBP Series 1 Bonds or any NIBP Series 2 Bonds are outstanding under the NIBP Series 1 Supplemental Resolution or the NIBP Series 2 Supplemental Resolution, respectively, in preparing any Cash Flow Statement required pursuant to the General Resolution, the NIBP Series 1 Bonds and the NIBP Series 2 Bonds shall be reflected as follows: The Corporation shall prepare a cash flow statement (which, in and of itself, shall not constitute a Cash Flow Statement under the General Resolution) using the methodology set forth in Section 7.16 of the General Resolution but applied only to the NIBP Series 1 Bonds and the NIBP Series 2 Bonds. Such cash flow statement shall indicate (i) the extent, if any, to which amounts in the Revenue Account are required to be transferred pursuant to Section 5.5(B) of the NIBP Series 1 Supplemental Resolution and Section 5.5(B) of the NIBP Series 2 Supplemental Resolution in order to meet the requirements of Section 7.16(B) of the General Resolution (the "NIBP Revenue Deficiency Amount") and (ii) the amount of any shortfall in meeting the test set forth in Section 7.16(A) of the General Resolution (the "NIBP Asset Shortfall Amount"). In preparing any Cash Flow Statement required pursuant to the General Resolution or this Supplemental Resolution, the NIBP Series 1 Bonds and the NIBP Series 2 Bonds shall be reflected by including (i) the NIBP Revenue Deficiency Amount as a part of the principal and interest due or to become due on Bonds Outstanding under the General Resolution for the purposes of the test set forth in Section 7.16(B) of the General Resolution and (ii) the NIBP Asset Shortfall Amount as a component of the aggregate principal amount of and accrued but unpaid interest on Outstanding Bonds for purposes of the test set forth in Section 7.16(A) of the General Resolution.

(B) For so long as any Pass-Through Bonds are Outstanding under the Pass-Through Resolution, in preparing any Cash Flow Statement required pursuant to the General Resolution, the Pass-Through Bonds shall be reflected as follows: The Corporation shall prepare a cash flow statement (which, in and of itself, shall not constitute a Cash Flow Statement under the General Resolution) using the methodology set forth in Section 7.16 of the General

Resolution but applied only to the Pass-Through Bonds. Such cash flow statement shall indicate (i) the extent, if any, to which amounts in the Revenue Account are required to be transferred pursuant to Section 5.7 of the Pass-Through Resolution in order to meet the requirements of Section 7.16(B) of the General Resolution (the "Pass-Through Revenue Deficiency Amount") and (ii) the amount of any shortfall in meeting the test set forth in Section 7.16(A) of the General Resolution (the "Pass-Through Asset Shortfall Amount"). In preparing any Cash Flow Statement required pursuant to the General Resolution or this Supplemental Resolution, the Pass-Through Bonds shall be reflected by including (i) the Pass-Through Revenue Deficiency Amount as a part of the principal and interest due or to become due on Bonds Outstanding under the General Resolution for the purposes of the test set forth in Section 7.16(B) of the General Resolution and (ii) the Pass-Through Asset Shortfall Amount as a component of the aggregate principal amount of and accrued but unpaid interest on Outstanding Bonds for purposes of the test set forth in Section 7.16(A) of the General Resolution.

## ARTICLE IX

### 2019 SERIES A-1 EVENT OF DEFAULT, 2019 SERIES A-1 EVENT OF TERMINATION AND REMEDIES

Section 9.1. 2019 Series A-1 Event of Default. Each of the following events is hereby declared a “2019 Series A-1 Event of Default” with respect to the 2019 Series A-1 Variable Rate Bonds: (A) payment of the Purchase Price of any 2019 Series A-1 Variable Rate Bonds (i) on any Interest Method Change Date (including a Term Rate Period Advance Tender Date), or (ii) on the day following the end of any Term Rate Term, shall not be made when and as the same shall become due, or (B) payment of the Purchase Price of a 2019 Series A-1 Variable Rate Bond in a Daily Rate Period or Weekly Rate Period (other than any Bank Bond) tendered in accordance with Appendix A hereto shall not be made when and as the same shall become due.

Notwithstanding anything to the contrary contained in this Supplemental Resolution, a 2019 Series A-1 Event of Default shall not, in and of itself, constitute an Event of Default under Section 10.1(1) of the General Resolution.

Section 9.1. Remedies. (A) Upon the happening and continuance of a 2019 Series A-1 Event of Default, the Trustee shall proceed, in its own name, to protect and enforce the rights of the 2019 Series A-1 Variable Rate Bond owners by bringing suit upon the 2019 Series A-1 Variable Rate Bonds for amounts then due and unpaid from the Corporation for the Purchase Price of any 2019 Series A-1 Variable Rate Bonds; provided, however, that (i) in the case of a 2019 Series A-1 Event of Default with respect to a 2019 Series A-1 Variable Rate Bond that is not a 2019 Series A-1 Repayment Period Bond, such suit shall be limited to recovery from any moneys held by the Trustee under the General Resolution and available for such purpose, and (ii) in the case of a 2019 Series A-1 Event of Default with respect to a 2019 Series A-1 Variable Rate Bond that is a 2019 Series A-1 Repayment Period Bond, such suit shall be limited to recovery from, first, the 2019 Series A-1 Prepayment Account, and to the extent the moneys therein are insufficient for said purpose, second, from any other moneys held by the Trustee under the General Resolution and available for such purpose.

(B) In the enforcement of any rights and remedies under this Supplemental Resolution, the Trustee shall be entitled to sue for, enforce payment of and receive any and all amounts then or during any default becoming, and at any time remaining, due and unpaid from the Corporation for the Purchase Price of any 2019 Series A-1 Variable Rate Bonds as set forth in Section 9.1 hereof, or otherwise, under any provisions of this Supplemental Resolution or of the 2019 Series A-1 Variable Rate Bonds with interest on overdue payments at the rate of interest specified in such 2019 Series A-1 Variable Rate Bonds, together with any and all fees and expenses of the Trustee and costs and expenses of collection and of all proceedings thereunder and under such 2019 Series A-1 Variable Rate Bonds, without prejudice to any other right or remedy of the Trustee or of the 2019 Series A-1 Variable Rate Bond owners, and to recover and enforce a judgment or decree against the Corporation for any portion of such amounts remaining unpaid, with interest, costs and expenses (including without limitation pre-trial, trial and appellate attorneys’ fees), and to collect from any moneys available for such purpose, in any manner provided by law, the moneys adjudged or decreed to be payable.

(C) Upon the occurrence of a 2019 Series A-1 Event of Default with respect to a 2019 Series A-1 Variable Rate Bond that is a 2019 Series A-1 Repayment Period Bond, and upon the filing of a suit or other commencement of judicial proceedings to enforce the rights of the 2019 Series A-1 Variable Rate Bond owners under this Supplemental Resolution, the Trustee shall be entitled, as a matter of right, to the appointment of a receiver of the 2019 Series A-1 Revenues and of the assets of the Corporation relating to the applicable Series of 2019 Series A-1 Variable Rate Bonds pending such proceedings, with such powers as the court making such appointment shall confer.

(D) The Corporation hereby expressly reserves and retains the privilege to receive and, subject to the terms and provisions of this Supplemental Resolution, to keep or dispose of, claim, bring suit upon or otherwise exercise, enforce or realize upon its rights and interest in and to the 2019 Series A-1 Mortgage Loans and the proceeds and collections therefrom, and neither the Trustee nor any 2019 Series A-1 Variable Rate Bond owner shall in any manner be or be deemed to be an indispensable party to the exercise of any such privilege, claim or suit.

(E) Notwithstanding anything to the contrary contained herein, in all cases, amounts held for a particular Group of 2019 Series A-1 Variable Rate Bonds with respect to a 2019 Series A-1 Event of Default shall be only for such Group of 2019 Series A-1 Variable Rate Bonds.

Section 9.2. Remedies Not Exclusive. No remedy herein conferred upon or reserved to the Trustee or to the owners of the 2019 Series A-1 Variable Rate Bonds is intended to be exclusive of any other remedy and each and every such remedy shall be cumulative and shall be in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or by statute.

## ARTICLE X

### CONCERNING THE TRUSTEE, TENDER AGENT AND REMARKETING AGENT

To the extent not modified by this Supplemental Resolution, the provisions of Article XI of the General Resolution, including, without limitation, Sections 11.5 through Section 11.10, inclusive, of the General Resolution, shall apply.

Section 10.1. Responsibility of Trustee. The recitals of fact herein and in the 2019 Series A-1 Variable Rate Bonds contained shall be taken as the statements of the Corporation and the Trustee does not assume any responsibility for the correctness or completeness of the same. The Trustee makes no representations as to the validity or sufficiency of this Supplemental Resolution or of any 2019 Series A-1 Variable Rate Bonds issued hereunder (except for its certificate of authentication on each 2019 Series A-1 Variable Rate Bond) or in respect of the security afforded by this Supplemental Resolution, and the Trustee shall not incur any responsibility in respect thereof. The Trustee shall be responsible for the performance only of such duties as are specifically set forth herein, and no duty shall be implied from any provision hereof. The Trustee shall be responsible for its representations contained in its certificate on the 2019 Series A-1 Variable Rate Bonds. The Trustee shall not be under any responsibility or duty with respect to the issuance of the 2019 Series A-1 Variable Rate Bonds for value or the application of the proceeds thereof or the application of any moneys paid to the Corporation. The Trustee shall not be under any obligation or duty to perform any act which would involve it in expense or liability or to institute or defend any suit in respect hereof, or to advance any of its own moneys, unless properly indemnified to its satisfaction. The Trustee shall not be liable in connection with the performance of its duties hereunder except for its own negligence or willful misconduct.

Section 10.2. Evidence on Which the Trustee May Act. The Trustee shall be protected in acting upon any notice, requisition, resolution, request, consent, order, certificate, report, opinion, bond or other paper, document or instrument believed by it to be genuine, and to have been signed or presented by the proper party or parties. The Trustee may consult with counsel, who may be of counsel to, and/or an employee of, the Corporation, and the opinion of such counsel shall be full and complete authorization and protection in respect of any action taken or suffered by it hereunder in good faith and in accordance therewith. Whenever the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering any action hereunder, including payment of moneys out of any 2019 Series A-1 Account, such matter (unless other evidence in respect thereof be herein specifically prescribed) may be deemed to be conclusively proved and established by a Certificate signed by an Authorized Officer of the Corporation, and such Certificate shall be full warrant for any action taken or suffered in good faith under the provisions of this Supplemental Resolution upon the faith thereof, but in its sole discretion the Trustee may in lieu thereof accept other evidence of such fact or matter or may require such further or additional evidence as to it may seem reasonable. Neither the Trustee nor any successor Trustee shall be liable to the Corporation, the owners of any of the 2019 Series A-1 Variable Rate Bonds or any other person for any act or omission done or omitted to be done by such Trustee in reliance upon any instruction, direction, certification or opinion received by the Trustee pursuant to this Supplemental Resolution or for any act or omission done or omitted in good faith and without willful or reckless misconduct.

Except as otherwise expressly provided herein, any request, order, notice or other direction required or permitted to be furnished pursuant to any provision hereof by the Corporation to the Trustee shall be sufficiently executed if executed in the name of the Corporation by an Authorized Officer of the Corporation.

Section 10.3. Compensation. The Corporation shall pay or provide for the payment of reasonable compensation to the Trustee from time to time for all services rendered under this Supplemental Resolution and also all reasonable fees, expenses, charges, counsel fees and other disbursements, including those of their attorneys, agents and employees, incurred in and about the performance of their powers and duties under this Supplemental Resolution and the Trustee shall have a lien therefor on any and all funds (except funds on deposit in or required to be deposited in the Rebate Fund) at any time held by it under this Supplemental Resolution. The Corporation further agrees to indemnify and save the Trustee harmless against any liabilities which it may incur in the exercise and performance of its powers and duties hereunder, and which are not due to its negligence or willful default.

Section 10.4. Preservation and Inspection of Documents. All documents received by the Trustee under the provisions of the General Resolution or this Supplemental Resolution (or microfilm, microcard or similar photographic reproduction thereof) shall be retained in its possession and shall be subject at all reasonable times to the inspection of the Corporation and any 2019 Series A-1 Bond owner and their agents and their representatives, any of whom may make copies thereof.

Section 10.5. Appointment and Acceptance of Duties of Remarketing Agent.  
(A) An Authorized Officer shall appoint the Remarketing Agent or Agents for each Series of 2019 Series A-1 Variable Rate Bonds, and each such Remarketing Agent shall signify its acceptance of such appointment and the duties and obligations of Remarketing Agent hereunder and under the applicable Remarketing Agreement by executing and delivering such Remarketing Agreement.

(B) A Remarketing Agent may be removed or may resign pursuant to the terms of the applicable Remarketing Agreement.

(C) In case at any time a Remarketing Agent shall resign or shall be removed or shall become incapable of acting, or shall be adjudged bankrupt or insolvent, or if a receiver, liquidator or conservator of such Remarketing Agent, or of its property, shall be appointed, or if any public officer shall take charge or control of such Remarketing Agent, or of its property or affairs, a successor Remarketing Agent shall be appointed in accordance with the terms of the applicable Remarketing Agreement. Any successor Remarketing Agent appointed in accordance with the provisions of this Section 10.5 in succession to a Remarketing Agent shall be either a member of the Financial Industry Regulatory Authority, Inc. or a bank incorporated under the laws of the United States of America or any state of the United States of America, having a capitalization of at least \$15,000,000, whose unsecured debt, if any, has a rating equivalent to or higher than a "Baa-3" long term rating or a "P-3" short term rating issued by the rating agency then rating the applicable Series of 2019 Series A-1 Variable Rate Bonds, and authorized by law to perform all the duties imposed upon it by the applicable Remarketing Agreement and the Supplemental Resolution; provided, however, that no resignation or removal of such

Remarketing Agent shall take effect until a successor Remarketing Agent has been appointed and such successor has assumed the duties and obligations of Remarketing Agent.

(D) In the event of the resignation or removal of a Remarketing Agent, such Remarketing Agent shall pay over, assign and deliver any moneys and 2019 Series A-1 Variable Rate Bonds of the applicable Series held by it in such capacity to its successor or, if there be no successor, to the Trustee.

Section 10.6. Appointment and Acceptance of Duties of Tender Agent. (A) The Tender Agent shall signify its acceptance of the duties and obligations of Tender Agent hereunder and under the applicable Tender Agent Agreement by executing and delivering the applicable Tender Agent Agreement.

(B) The Tender Agent may be removed or may resign pursuant to the terms of the applicable Tender Agent Agreement.

(C) In case at any time the Tender Agent shall resign or shall be removed or shall become incapable of acting, or shall be adjudged bankrupt or insolvent, or if a receiver, liquidator or conservator of the Tender Agent, or of its property, shall be appointed, or if any public officer shall take charge or control of the Tender Agent, or of its property or affairs, the Corporation covenants and agrees that it will thereupon appoint a successor Tender Agent with the approval of the Liquidity Provider, if any, which approvals shall not be unreasonably withheld. The Tender Agent and any successor Tender Agent appointed under the provisions of this Section 10.5 in succession to a Tender Agent shall be a commercial bank, which shall be a Federal depository institution or a state chartered depository institution, with trust powers and authorized by law to perform all the duties imposed upon it by the Supplemental Resolution; provided, however, that no resignation or removal of the Tender Agent shall take effect until a successor Tender Agent has been appointed.

(D) In the event of the resignation or removal of the Tender Agent, the Tender Agent shall pay over, assign and deliver any moneys and 2019 Series A-1 Variable Rate Bonds held by it in such capacity to its successor or, if there be no successor, to the Trustee.

(E) In the event that the Corporation shall fail to appoint a successor Tender Agent hereunder, or in the event that the Tender Agent shall resign or be removed, or be dissolved, or if the property or affairs of the Tender Agent shall be taken under the control of any state or Federal court or administrative body because of bankruptcy or insolvency, or for any other reason, and the Corporation shall not have appointed its successor as Tender Agent, the Trustee, upon receipt of written notice from the Corporation shall ipso facto be deemed to be the Tender Agent for all purposes of the Supplemental Resolution until the appointment by the Corporation of a successor Tender Agent.

Section 10.7. Appointment and Acceptance of Duties of Trustee and Tender Agent with respect to Liquidity Facilities.

(A) The Trustee shall signify its acceptance of the duties and obligations of the Trustee under the applicable Liquidity Facility by executing and delivering to the Corporation a written instrument of acceptance.

(B) The Tender Agent shall signify its acceptance of the duties and obligations of the Tender Agent under the applicable Liquidity Facility by executing and delivering the applicable Tender Agent Agreement.



## ARTICLE XI

### DEFEASANCE; MISCELLANEOUS PROVISIONS

Section 11.1. Defeasance. Notwithstanding the provisions of Section 12.1 of the General Resolution, (i) 2019 Series A-1 Variable Rate Bonds while in any Daily Rate Period or Weekly Rate Period may not be the subject of advance defeasance pursuant to the provisions of Section 12.1(B) of the General Resolution, and (ii) with respect to the application of said Section 12.1(B) to 2019 Series A-1 Variable Rate Bonds while in the Flexible Rate Term, such 2019 Series A-1 Variable Rate Bonds shall be redeemed on a Redemption Date which shall be the day immediately following the last day of the then current Flexible Rate Term with respect to such 2019 Series A-1 Variable Rate Bonds.

Section 11.2. No Recourse Under Supplemental Resolution or on 2019 Series A-1 Bonds. All covenants, stipulations, promises, agreements and obligations of the Corporation contained in this Supplemental Resolution shall be deemed to be the covenants, stipulations, promises, agreements and obligations of the Corporation and not of any member, officer or employee of the Corporation in such person's individual capacity, and no recourse shall be had for the payment of the principal or Redemption Price of or interest on the 2019 Series A-1 Bonds or for any claim based thereon or on this Supplemental Resolution against any member, officer or employee of the Corporation or any natural person executing the 2019 Series A-1 Bonds.

Section 11.3. Supplemental Resolutions Effective upon Filing with the Trustee. This Supplemental Resolution may be amended, and shall be fully effective in accordance with its terms, upon the filing with the Trustee of a copy thereof certified by an Authorized Officer of the Corporation to provide for such changes as are deemed necessary or desirable by the Corporation with respect to the 2019 Series A-1 Variable Rate Bonds of a Group to take effect on a Change Date on which one hundred percent (100%) of the 2019 Series A-1 Variable Rate Bonds of such Group are subject to mandatory tender.

Section 11.4. Supplemental Resolutions Effective upon Consent of Trustee and Liquidity Provider (if any). (A) This Supplemental Resolution may be amended for the purpose of changing any of the time periods for provision of notice relating to the Mandatory Purchase Provision, Demand Purchase Option or interest rate determination, or the time periods for interest rate determination or the procedure for tendering the 2019 Series A-1 Variable Rate Bonds in connection with the Mandatory Purchase Provision or Demand Purchase Option, and shall be fully effective in accordance with its terms, (i) upon the filing with the Trustee of a copy thereof certified by an Authorized Officer, (ii) upon the filing with the Trustee and the Corporation of instruments in writing made by the Trustee and, if applicable, the Liquidity Provider consenting thereto, and (iii) after such period of time as the Trustee and the Corporation deem appropriate following notice to the owners of such 2019 Series A-1 Variable Rate Bond (but not less than thirty (30) days).

(B) The Trustee, at the expense of the Corporation, shall provide notice to the Bond owners of the adoption of any Supplemental Resolution described in subsection (A) above in whichever manner it deems most effective, and shall, as soon as practicable, deliver a copy of

any Supplemental Resolution effecting a change described in subsection (A) above to each owner of a 2019 Series A-1 Bond Outstanding.

Section 11.5. Effective Date. This Supplemental Resolution shall take effect upon the filing of a certified copy hereof with the Trustee.

APPENDIX A

TERMS OF THE 2019 SERIES A-1 BONDS

CHAPTER 1

GENERAL PROVISIONS

Section 101. Interpretation. Except as otherwise provided in this Appendix A, all references in this Appendix A to "2019 Series A-1 Bonds" shall be deemed to refer to each Group of 2019 Series A-1 Bonds individually, and all references in this Appendix A to "2019 Series A-1 Remarketing Proceeds Purchase Account" shall be deemed to refer to the 2019 Series A-1 Remarketing Proceeds Purchase Account applicable to such Group of 2019 Series A-1 Bonds.

Section 102. Series, Principal Amount, Maturity, Interest, Payment Dates and Agreements. (A)(1) The 2019 Series A-1 Bonds shall be issued in one Series, shall mature on the dates and in the principal amounts, and shall initially bear the CUSIP numbers, set forth below. [Interest on the 2019 Series A-1 Bonds maturing on or prior to [ ] 1, 20[ ] (the "2019 Series A-1 Fixed Rate Bonds") shall be payable on May 1 and November 1 in each year, commencing [May 1, 2019], at the rates per annum set forth below.]

| <u>Series</u>   | <u>Principal Amount</u> | <u>Maturity Date</u> | <u>CUSIP Number</u> | <u>Interest Rate</u> |
|-----------------|-------------------------|----------------------|---------------------|----------------------|
| 2019 Series A-1 | \$                      |                      |                     | %                    |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |
| 2019 Series A-1 |                         |                      |                     |                      |

The 2019 Series A-1 Bonds [maturing after [ ] 1, 20[ ] (the "2019 Series A-1 Variable Rate Bonds")] shall bear interest, payable in arrears, initially at the applicable Fixed Rate set forth above and from and after any Interest Method Change Date at the rates determined as provided in Sections 201, 301, 401, 501, 601 and 701 of this Appendix A, as applicable, and shall contain the Mandatory Purchase Provision and Demand Purchase Option set forth in Sections 801 and 802 hereof, respectively, as applicable.

The 2019 Series A-1 Bonds shall be subject to redemption as set forth in Section 103 of this Appendix A.

(2) Anything herein to the contrary notwithstanding, at no time shall the interest rate on the 2019 Series A-1 Variable Rate Bonds exceed the Maximum Rate.

(B) During any Daily Rate Period or Weekly Rate Period, interest on a Group of 2019 Series A-1 Variable Rate Bonds shall be payable on a monthly basis on the first Business Day of the month occurring after the Interest Method Change Date with respect thereto, on any Change Date with respect thereto and on the final maturity date of such Group of 2019 Series A-1 Variable Rate Bonds. During any Flexible Rate Period, interest on a Group of 2019 Series A-1 Variable Rate Bonds shall be payable on any Change Date with respect thereto and on the final maturity date of such Group of 2019 Series A-1 Variable Rate Bonds. During any Term Rate Period, interest on a Group of 2019 Series A-1 Variable Rate Bonds shall be payable on May 1 and November 1 of each year, on any Change Date with respect thereto and on the final maturity date of such Group of 2019 Series A-1 Variable Rate Bonds. During the Fixed Rate Period, interest on a Group of 2019 Series A-1 Variable Rate Bonds shall be payable on May 1 and November 1 of each year (commencing [May 1, 2019] in the case of the 2019 Series A-1 Variable Rate Bonds prior to any Change Date with respect thereto), on any Change Date with respect thereto and on the final maturity date of such Group of 2019 Series A-1 Variable Rate Bonds. During any Daily Rate Period, Weekly Rate Period or Flexible Rate Period for a Group of 2019 Series A-1 Variable Rate Bonds, interest on such Group of 2019 Series A-1 Variable Rate Bonds shall be computed on the basis of a 365 or 366-day year, for the actual number of days elapsed. During any Term Rate Period and the Fixed Rate Period for a Group of 2019 Series A-1 Variable Rate Bonds, interest on such Group of 2019 Series A-1 Variable Rate Bonds shall be computed on the basis of a 360-day year consisting of twelve 30-day months. [Interest on the 2019 Series A-1 Fixed Rate Bonds shall be computed on the basis of a 360-day year consisting of twelve 30-day months.] During any Index Rate Period, interest on the 2019 Series A-1 Variable Rate Bonds shall be payable and shall be computed as set forth in Section 401 hereof.

(C) During any Daily Rate Period, Weekly Rate Period, Index Rate Period or Flexible Rate Period for a Group of 2019 Series A-1 Variable Rate Bonds, all 2019 Series A-1 Variable Rate Bonds of such Series shall be in the denomination of \$100,000 or any \$5,000 increment in excess of \$100,000. During any Term Rate Period or the Fixed Rate Period for a Group of 2019 Series A-1 Variable Rate Bonds, all 2019 Series A-1 Variable Rate Bonds of such Group shall be in the denomination of \$5,000 or in denominations of any whole multiple thereof. [All 2019 Series A-1 Fixed Rate Bonds shall be in the denomination of \$5,000 or in denominations of any whole multiple thereof.]

(D) If the date for making any payment of principal or Redemption Price of or interest on any of the 2019 Series A-1 Bonds shall be a day other than a Business Day, then payment of such principal or Redemption Price of or interest on such 2019 Series A-1 Variable Rate Bonds need not be made on such date but may be made on the next succeeding Business Day with the same force and effect as if made on the date originally fixed for such payment, except that during any Daily Rate Period, Weekly Rate Period, Index Rate Period or Flexible Rate Period, interest shall continue to accrue on any unpaid principal to such next succeeding Business Day.

Section 103. Redemption Provisions.

(A) During any Daily Rate Period or Weekly Rate Period, the 2019 Series A-1 Variable Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, at any time prior to maturity, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Variable Rate Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date.

(B) During any Flexible Rate Period or Term Rate Period, each 2019 Series A-1 Variable Rate Bond is subject to redemption, without notice, at the option of the Corporation, in whole or in part on any Interest Adjustment Date with respect to such 2019 Series A-1 Variable Rate Bond, from any source, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Variable Rate Bonds to be redeemed, plus accrued interest to the Redemption Date. Except as provided in the immediately preceding sentence, during any Term Rate Term, 2019 Series A-1 Variable Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, from any source, at any time on or after their then-current Initial Redemption or Tender Date, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Variable Rate Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date. During any Index Rate Period, 2019 Series A-1 Variable Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, from any source, on any Permitted Redemption or Tender Date on or after their then-current Initial Redemption or Tender Date, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Variable Rate Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date. During any Fixed Rate Period, 2019 Series A-1 Variable Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, from any source, at any time on or after their then-current Initial Redemption or Tender Date, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Variable Rate Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date. [The 2019 Series A-1 Fixed Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, from any source, at any time on or after May 1, 2026, at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2018 Series A Fixed Rate Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date.]

(C) The [2019 Series A-1 Fixed Rate Bonds are subject to special redemption, at the option of the Corporation, in whole or in part, at any time prior to maturity, and the] 2019 Series A-1 Variable Rate Bonds are subject to redemption, at the option of the Corporation, in whole or in part, on any Permitted Redemption or Tender Date during an Index Rate Period and on any date during any Term Rate Term or Fixed Rate Period, in each case at a Redemption Price equal to one hundred percent (100%) of the principal amount of the 2019 Series A-1 Bonds or portions thereof to be so redeemed, plus accrued interest to the Redemption Date, from any source other than: (i) Voluntary Sale Proceeds; (ii) proceeds of bonds issued, or caused to be issued, by the Corporation for the purpose of refunding all or a portion of such 2019 Series A-1 Bonds or refinancing all or a portion of any Mortgage Loan ("Refunding Bonds"), except that the proceeds of Refunding Bonds described in the succeeding paragraph may be applied to the special redemption of such 2019 Series A-1 Bonds; or (iii) any other unencumbered funds of the

Corporation not subject to the lien of the General Resolution. Such 2019 Series A-1 Bonds are subject to the foregoing special redemption from the proceeds of Refunding Bonds issued in an amount not greater than any prepayment of a Mortgage Loan (including any 2019 Series A-1 Mortgage Loan) received by the Corporation, which prepayment is not used to redeem Bonds. Amounts that may be applied to the foregoing special redemption include, but are not limited to: any prepayment of a 2019 Series A-1 Mortgage Loan by the Mortgagor thereof; upon the filing of a Cash Flow Statement, any prepayment of any other Mortgage Loans (except any Mortgage Loan financed under a Supplemental Resolution that prohibits such use); unexpended proceeds of such 2019 Series A-1 Bonds; and, upon the filing of a Cash Flow Statement, amounts held in the Revenue Account that are not required to be used for other purposes.

(D) Except as affected by the provisions of subsection (E) of this Section 103, the 2019 Series A-1 Bonds maturing on [\_\_\_\_], 20[ ] shall be redeemed in part through application of Sinking Fund Payments as provided in Section 5.4(E) of the General Resolution on [\_\_\_\_], 20[ ] and on each May 1 and November 1 thereafter, in each case at a Redemption Price equal to the principal amount of each such 2019 Series A-1 Bond or portion thereof to be redeemed, together with interest accrued to the Redemption Date. Subject to the provisions of Sections 5.4(D) and 5.5(B) of the General Resolution permitting amounts to be credited toward part or all of any one or more Sinking Fund Payments, there shall be due and the Corporation shall in any and all events be required to pay on each of the dates set forth in the following table the amount set opposite each such date in said table, and said amount is hereby established and shall constitute a Sinking Fund Payment for the retirement of such 2019 Series A-1 Bonds except that the amount for such date in said table shall be payable at the stated maturity date of such 2019 Series A-1 Bonds and shall not constitute a Sinking Fund Payment:

| <u>Redemption Date</u> | <u>Principal Amount</u> | <u>Redemption Date</u> | <u>Principal Amount</u> |
|------------------------|-------------------------|------------------------|-------------------------|
|                        | \$                      |                        | \$                      |

Except as affected by the provisions of subsection (E) of this Section 103, the 2019 Series A-1 Bonds maturing on [\_\_\_\_], 20[ ] shall be redeemed in part through application of Sinking Fund Payments as provided in Section 5.4(E) of the General Resolution on [\_\_\_\_], 20[ ] and on each May 1 and November 1 thereafter, in each case at a Redemption Price equal to the principal amount of each such 2019 Series A-1 Bond or portion thereof to be redeemed, together with interest accrued to the Redemption Date. Subject to the provisions of Sections 5.4(D) and 5.5(B) of the General Resolution permitting amounts to be credited toward part or all of any one or more Sinking Fund Payments, there shall be due and the Corporation shall in any and all events be required to pay on each of the dates set forth in the following table the amount set opposite each such date in said table, and said amount is hereby established and shall constitute a Sinking Fund Payment for the retirement of such 2019 Series A-1 Bonds except that the amount for such date in said table shall be payable at the stated maturity date of such 2019 Series A-1 Bonds and shall not constitute a Sinking Fund Payment:

| <u>Redemption Date</u> | <u>Principal Amount</u> | <u>Redemption Date</u> | <u>Principal Amount</u> |
|------------------------|-------------------------|------------------------|-------------------------|
|                        |                         |                        |                         |

\$

\$

Except as affected by the provisions of subsection (E) of this Section 103, the 2019 Series A-1 Bonds maturing on [\_\_\_\_\_], 20[ ] shall be redeemed in part through application of Sinking Fund Payments as provided in Section 5.4(E) of the General Resolution on [\_\_\_\_\_], 20[ ] and on each May 1 and November 1 thereafter, in each case at a Redemption Price equal to the principal amount of each such 2019 Series A-1 Bond or portion thereof to be redeemed, together with interest accrued to the Redemption Date. Subject to the provisions of Sections 5.4(D) and 5.5(B) of the General Resolution permitting amounts to be credited toward part or all of any one or more Sinking Fund Payments, there shall be due and the Corporation shall in any and all events be required to pay on each of the dates set forth in the following table the amount set opposite each such date in said table, and said amount is hereby established and shall constitute a Sinking Fund Payment for the retirement of such 2019 Series A-1 Bonds except that the amount for such date in said table shall be payable at the stated maturity date of such 2019 Series A-1 Bonds and shall not constitute a Sinking Fund Payment:

|                        |                                   |                        |                                   |
|------------------------|-----------------------------------|------------------------|-----------------------------------|
| <u>Redemption Date</u> | <u>Principal<br/>Amount</u><br>\$ | <u>Redemption Date</u> | <u>Principal<br/>Amount</u><br>\$ |
|------------------------|-----------------------------------|------------------------|-----------------------------------|

Except as affected by the provisions of subsection (E) of this Section 103, the 2019 Series A-1 Bonds maturing on [\_\_\_\_\_], 20[ ] shall be redeemed in part through application of Sinking Fund Payments as provided in Section 5.4(E) of the General Resolution on [\_\_\_\_\_], 20[ ] and on each May 1 and November 1 thereafter, in each case at a Redemption Price equal to the principal amount of each such 2019 Series A-1 Bond or portion thereof to be redeemed, together with interest accrued to the Redemption Date. Subject to the provisions of Sections 5.4(D) and 5.5(B) of the General Resolution permitting amounts to be credited toward part or all of any one or more Sinking Fund Payments, there shall be due and the Corporation shall in any and all events be required to pay on each of the dates set forth in the following table the amount set opposite each such date in said table, and said amount is hereby established and shall constitute a Sinking Fund Payment for the retirement of such 2019 Series A-1 Bonds except that the amount for such date in said table shall be payable at the stated maturity date of such 2019 Series A-1 Bonds and shall not constitute a Sinking Fund Payment:

|                        |                                   |                        |                                   |
|------------------------|-----------------------------------|------------------------|-----------------------------------|
| <u>Redemption Date</u> | <u>Principal<br/>Amount</u><br>\$ | <u>Redemption Date</u> | <u>Principal<br/>Amount</u><br>\$ |
|------------------------|-----------------------------------|------------------------|-----------------------------------|

(E) (1) In the event of a Fixed Rate Start Date with respect to 2019 Series A-1 Variable Rate Bonds that are Term Bonds maturing on any date (the "Final Maturity Date"), the Sinking Fund Payments with respect to such 2019 Series A-1 Variable Rate Bonds that are due on or prior to the date that is twelve (12) years after the Fixed Rate Start Date shall constitute Serial Bond maturities and the Sinking Fund Payments with respect to such 2019 Series A-1 Variable Rate Bonds that are due after such date shall constitute Sinking Fund Payments (and a maturity payment) for a Term Bond maturing on the Final Maturity Date, subject to Section 701(D) of this Appendix A.

(2) If, on a Fixed Rate Start Date with respect to 2019 Series A-1 Variable Rate Bonds of a maturity that are Term Bonds, the Corporation shall, in accordance with Section 701(D) of this Appendix A, have modified the schedule of redemptions through application of Sinking Fund Payments as provided in Section 5.4(E) of the General Resolution, during the Fixed Rate Period, the 2019 Series A-1 Variable Rate Bonds of such maturity shall be redeemed in part through application of Sinking Fund Payments as provided in said Section 5.4(E) at the times and in the amounts set forth in such schedule (subject to the provisions of Sections 5.4(D) and 5.5(B) of the General Resolution permitting amounts to be credited toward part or all of any one or more Sinking Fund Payments), in each case equal to the principal amount of each 2019 Series A-1 Variable Rate Bond or portion thereof to be redeemed, plus accrued interest to the Redemption Date.

(F) Notwithstanding anything to the contrary contained in the General Resolution, this Supplemental Resolution or any 2019 Series A-1 Variable Rate Bond, the City may, pursuant to Section 659 of the Act and upon furnishing sufficient funds therefor, require the Corporation to redeem, prior to maturity, as a whole, all 2019 Series A-1 Variable Rate Bonds on any Interest Payment Date not less than twenty (20) years after the date of issuance of the 2019 Series A-1 Variable Rate Bonds at a redemption price equal to one hundred five per centum (105%) of their face value and accrued interest or at such lower redemption price as may be provided in the 2019 Series A-1 Variable Rate Bonds in case of the redemption thereof as a whole on the redemption date. Notice of such redemption shall be published in at least two newspapers published and circulating in the City of New York at least twice, the first publication to be at least thirty (30) days before the date of redemption.

Section 104. Method of Payment. Except as otherwise provided in Section 2.6 of the Supplemental Resolution or in a Liquidity Facility with respect to 2019 Series A-1 Variable Rate Bonds that are Bank Bonds, the principal or Redemption Price, if any, of the 2019 Series A-1 Bonds shall be payable at the corporate trust office of the Trustee in New York, New York, or at the office designated for such payment of any successor. Except as otherwise provided in Section 2.6 of the Supplemental Resolution or in a Liquidity Facility with respect to 2019 Series A-1 Variable Rate Bonds that are Bank Bonds, interest on the 2019 Series A-1 Bonds shall be paid by check or draft of the Trustee mailed to the registered owners thereof as of the applicable Record Date at their respective addresses as shown on the registration books of the Corporation maintained by the Trustee. With respect to all 2019 Series A-1 Variable Rate Bonds that are Bank Bonds and upon written direction of the owner of \$1,000,000 or more principal amount of Outstanding 2019 Series A-1 Bonds, the Trustee shall provide for wire transfer to or at the direction of such owner of all payments of interest due on the 2019 Series A-1 Bonds so held.



Section 105. Interest Method Change Dates; Liquidity Facility; Tenders. (A)

No change in the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds shall be made unless the Trustee has received, at least thirty (30) days prior to the Interest Method Change Date, (1) a Certificate of an Authorized Officer of the Corporation specifying (a) the date which is to be the Interest Method Change Date, (b) the method of determining the interest rate which shall take effect on such date (or that such date is a Fixed Rate Reset Date), (c) in the case of an Index Rate, whether the 2019 Series A-1 Variable Rate Bonds will bear interest at the LIBOR Index Rate or the SIFMA Index Rate, as described in Section 401 hereof, and (d) in the case of a Term Rate, the length of the Term Rate Term, (2) if necessary, an amendment to the Liquidity Facility conforming such Liquidity Facility to the requirements of this Supplemental Resolution applicable to such instrument from and after the Interest Method Change Date or provision for the issuance of an alternate Liquidity Facility meeting the requirements of the Supplemental Resolution, in which case the Interest Method Change Date shall also be a Facility Change Date, and all provisions hereof relating to the provision of a Liquidity Facility shall be applicable; provided, however, that if the interest rate on the 2019 Series A-1 Variable Rate Bonds is to be changed to an Index Rate, a Term Rate or the Fixed Rate or, in the event of a remarketing on a private placement or direct sale basis pursuant to a Private Placement or Direct Sale Bond Purchase Agreement which is approved by the Members of the Corporation, and the Corporation decides to exercise its election pursuant to subsection (D) of this Section 105, no Liquidity Facility shall be required, and (3) Bond Counsel's Opinion to the effect that the proposed change in the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds is consistent with the provisions of the Supplemental Resolution and will not adversely affect the exclusion of the interest on the 2019 Series A-1 Variable Rate Bonds from gross income for Federal income tax purposes. Notwithstanding anything to the contrary contained herein, the provisions of this subsection (A) shall not apply to a change in the interest rate on a particular 2019 Series A-1 Variable Rate Bond on an Interest Adjustment Date relating to such 2019 Series A-1 Variable Rate Bond during any Flexible Rate Period.

(B) Subject to the provisions of subsection (C) or (D) of this Section 105, the Corporation reserves the right to make provision for or cause the replacement of any Liquidity Facility with respect to the 2019 Series A-1 Variable Rate Bonds; provided, however, that during any Daily Rate Period, Weekly Rate Period or Flexible Rate Period (except in the event of a remarketing on a private placement or direct sale basis pursuant to a Private Placement or Direct Sale Bond Purchase Agreement which is approved by the Members of the Corporation), a Liquidity Facility must be in effect with respect to the 2019 Series A-1 Variable Rate Bonds, and during an Index Rate Period, a Term Rate Period or the Fixed Rate Period, or in the event of a remarketing on a private placement or direct sale basis pursuant to a Private Placement or Direct Sale Bond Purchase Agreement which is approved by the Members of the Corporation, only, the Corporation may elect to provide no Liquidity Facility. In addition, on and after the date that the 2019 Series A-1 Variable Rate Bonds are remarketed to bear interest at a Daily Rate, Weekly Rate or Flexible Rate, the 2019 Series A-1 Variable Rate Bonds shall be the subject of a Remarketing Agreement and Tender Agent Agreement. On and after the date that the 2019 Series A-1 Variable Rate Bonds are remarketed to bear interest at an Index Rate, a Term Rate or a Fixed Rate, the 2019 Series A-1 Variable Rate Bonds may be the subject of a Remarketing Agreement and a Tender Agent Agreement, as determined by the Corporation.

(C) The Corporation may not exercise its right to make provision for a Liquidity Facility or cause the replacement of any Liquidity Facility, unless the Corporation has provided the Trustee with the following: (1) a Bond Counsel's Opinion to the effect that the proposed Liquidity Facility meets the requirements of the Supplemental Resolution and will not adversely affect the exclusion of interest on the 2019 Series A-1 Variable Rate Bonds from gross income for Federal income tax purposes, (2) an opinion of counsel to the obligor under such Liquidity Facility, addressed to the Trustee, stating that such Liquidity Facility constitutes a legal, valid and binding obligation of such obligor and is enforceable in accordance with its terms (except as enforceability thereof may be limited by applicable laws for the relief of debtors and by general principles of equity which permit the exercise of judicial discretion), (3)(a) in the event of the provision of a Liquidity Facility, a letter from each national rating agency or agencies then rating the 2019 Series A-1 Variable Rate Bonds to the effect that such Liquidity Facility will provide the 2019 Series A-1 Variable Rate Bonds with an investment grade rating, (b) in the event any Liquidity Facility is being replaced with another Liquidity Facility, a letter from each national rating agency or agencies then rating the 2019 Series A-1 Variable Rate Bonds to the effect that such Liquidity Facility will not adversely affect the then current rating on the 2019 Series A-1 Variable Rate Bonds and (c) in the event no rating is in effect with respect to the 2019 Series A-1 Variable Rate Bonds at the time a Liquidity Facility is being provided or a Liquidity Facility is being replaced, a letter from at least one national rating agency to the effect that such Liquidity Facility will provide the 2019 Series A-1 Variable Rate Bonds with an investment grade rating, and (4) an amount sufficient to pay all costs incurred by the Trustee and the Corporation in connection with the provision of such Liquidity Facility.

(D) The Corporation may elect to provide no Liquidity Facility during an Index Rate Period, a Term Rate Period or a Fixed Rate Period or, in the event of a remarketing on a private placement or direct sale basis pursuant to a Private Placement or Direct Sale Bond Purchase Agreement which is approved by the Members of the Corporation, at any time, if the Corporation provides to the Trustee evidence satisfactory to the Trustee that the 2019 Series A-1 Variable Rate Bonds will continue to be rated in a category not lower than the "A" category by the national rating agency or agencies then rating the 2019 Series A-1 Variable Rate Bonds, or that the 2019 Series A-1 Variable Rate Bonds as thus secured are secured on a basis comparable to that of other obligations of the Corporation then being offered in the public markets by the Corporation; provided, however, that no rating shall be required in the event of a remarketing on a private placement or direct sale basis pursuant to a Private Placement or Direct Sale Bond Purchase Agreement which is approved by the Members of the Corporation.

(E) No Interest Method Change Date or Facility Change Date described in clause (i) of the definition thereof shall occur unless the Trustee has received an opinion of Bond Counsel, dated as of the Change Date, to the effect that the change is consistent with the provisions of this Supplemental Resolution and will not adversely affect the exclusion of the interest on the 2019 Series A-1 Variable Rate Bonds from gross income for Federal income tax purposes. Notwithstanding anything to the contrary contained herein, the provisions of this subsection (E) shall not apply to a change in the interest rate on a particular 2019 Series A-1 Variable Rate Bond on an Interest Adjustment Date relating to such 2019 Series A-1 Variable Rate Bond during any Flexible Rate Period.

(F) (1) If (a) a notice of an Interest Method Change Date with respect to any 2019 Series A-1 Variable Rate Bonds has been given in accordance with Section 801 of this Appendix A and (b) any of the conditions precedent to an Interest Method Change Date set forth in this Section 105 have not been satisfied or the Corporation delivers notice to the Trustee that the Interest Method Change Date shall be cancelled, then, (i) the new method of determining the interest rate on such 2019 Series A-1 Variable Rate Bonds shall not take effect, (ii) the method of determining the interest rate on such 2019 Series A-1 Variable Rate Bonds shall remain unchanged on the proposed Interest Method Change Date, without any further action by any party, and (iii) the Interest Method Change Date shall be cancelled, and the Trustee shall promptly deliver or mail by first-class mail, postage prepaid, to the owner of each such 2019 Series A-1 Variable Rate Bond at the address shown on the registration books of the Corporation, a notice stating that the change shall not occur and the reasons therefor and that the mandatory tender has been cancelled.

(2) If (a) a notice of a Facility Change Date has been given in accordance with Section 801 of this Appendix A and (b) any of the conditions precedent to a Facility Change Date set forth in this Section 105 have not been satisfied or the Corporation delivers notice to the Trustee that the Facility Change Date shall be cancelled, then, the Change Date shall be cancelled unless the prior Liquidity Facility is expiring within sixty (60) days after the Change Date. The Trustee shall promptly deliver or mail by first class mail, postage prepaid, to the owner of each 2019 Series A-1 Variable Rate Bond at the address shown on the registration books of the Corporation, a notice stating that the change shall not occur and the reasons therefor and that the mandatory tender has been cancelled.

## CHAPTER 2

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING DAILY RATE PERIOD

Section 201. Interest Rate Determination. (A) Whenever in this Chapter 2 there is reference to “2019 Series A-1 Variable Rate Bonds” or a “Daily Rate Period,” such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear a Daily Rate. At such time (on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at a Term Rate or a Fixed Rate, and on a Permitted Redemption or Tender Date on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds to the Daily Rate until the earlier of the next succeeding Interest Method Change Date or the final maturity or redemption in whole of the 2019 Series A-1 Variable Rate Bonds, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the Daily Rate determined in accordance with this Section 201.

(B) During any Daily Rate Period, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the Daily Rate. The Daily Rate shall be determined as follows; provided, however, that in the event of a remarketing on a private placement or direct sale basis, the Daily Rate shall be the rate for the 2019 Series A-1 Variable Rate Bonds determined by an Authorized Officer and set forth in a Certificate delivered to the Trustee on the date of remarketing pursuant to the Private Placement or Direct Sale Bond Purchase Agreement. The Daily Rate shall be the lowest interest rate, not exceeding the Maximum Rate, which, as of the date of determination and under prevailing market conditions, would result as nearly as practicable in the market price for the 2019 Series A-1 Variable Rate Bonds during a Daily Rate Term being one hundred percent (100%) of the principal amount thereof. The Remarketing Agent or the Corporation, as the case may be, shall determine the Daily Rate not later than 10:00 a.m., New York City time, on the Business Day of the commencement of the Daily Rate Term to which it relates. The Remarketing Agent or the Corporation, as the case may be, shall immediately give notice of the determination of any Daily Rate pursuant to this Section 201 to the Corporation, if applicable, the Trustee, the Tender Agent and the Liquidity Provider, by telecopy or other similar means of electronic communication or by such other method of communication as shall be mutually agreed upon by the Remarketing Agent or the Corporation, as the case may be, and the recipients of such notice.

(C) On the Business Day immediately following the establishment of a Daily Rate Period for the 2019 Series A-1 Variable Rate Bonds, the Trustee shall deliver or mail by first-class mail, postage prepaid or by facsimile transmission or other similar electronic means, to the owner of each 2019 Series A-1 Variable Rate Bond at the address shown on the registration books of the Corporation, a notice stating that from and after the effective date of such Daily Rate Period the 2019 Series A-1 Variable Rate Bonds will bear interest at the Daily Rate for the duration of the applicable Daily Rate Period. Such notice shall further specify the name, address and telephone number of the person or persons from whom information with respect to the Daily Rate for each succeeding Daily Rate Term may be obtained.

(D) Unless an Interest Method Change Date occurs, a new Daily Rate Term shall automatically commence on the day after the termination of the current Daily Rate Term.

(E) If for any reason the position of Remarketing Agent is vacant or the Remarketing Agent or the Corporation, as the case may be, fails in the performance of its duty to determine the Daily Rate for any Daily Rate Term or the Daily Rate is held to be invalid or unenforceable by a court of law, as set forth in a written notice from the Corporation to the Trustee, the Daily Rate for such Daily Rate Term shall be determined by the Trustee and shall be (i) if a Liquidity Facility is in effect, one hundred percent (100%) of the most recent The Securities Industry and Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee or (ii) if a Liquidity Facility is not in effect, the Maximum Rate.

(F) Any determination of any interest rate pursuant to this Section 201 shall be conclusive and binding upon the Trustee, the Tender Agent, the Remarketing Agent, the Corporation, the Liquidity Provider, and the owners of the 2019 Series A-1 Variable Rate Bonds.

Section 202. Purchase Provisions. During any Daily Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision and the Demand Purchase Option.

## CHAPTER 3

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING WEEKLY RATE PERIOD

Section 301. Interest Rate Determination. (A) Whenever in this Chapter 3 there is reference to “2019 Series A-1 Variable Rate Bonds” or a “Weekly Rate Period,” such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear a Weekly Rate. At such time (on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at a Term Rate or a Fixed Rate, and on a Permitted Redemption or Tender Date on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds to the Weekly Rate until the earlier of the next succeeding Interest Method Change Date or the final maturity or redemption in whole of the 2019 Series A-1 Variable Rate Bonds, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the Weekly Rate determined in accordance with this Section 301.

(B) During any Weekly Rate Period, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the Weekly Rate. The Weekly Rate shall be determined as follows; provided, however, that in the event of a remarketing on a private placement or direct sale basis, the Weekly Rate shall be the rate for the 2019 Series A-1 Variable Rate Bonds determined by an Authorized Officer and set forth in a Certificate delivered to the Trustee on the date of remarketing pursuant to the Private Placement or Direct Sale Bond Purchase Agreement. The Weekly Rate shall be the lowest interest rate, not exceeding the Maximum Rate, which, as of the date of determination and under prevailing market conditions, would result as nearly as practicable in the market price for the 2019 Series A-1 Variable Rate Bonds on the Weekly Effective Rate Date being one hundred percent (100%) of the principal amount thereof. The Remarketing Agent or the Corporation, as the case may be, shall determine the Weekly Rate not later than 4:00 p.m., New York City time, on day immediately preceding the Weekly Effective Rate Date for each Weekly Rate Term. The Remarketing Agent or the Corporation, as the case may be, shall immediately give notice of the determination of any Weekly Rate pursuant to this Section 301 to the Corporation, if applicable, the Trustee, the Tender Agent and the Liquidity Provider, by telecopy or other similar means of electronic communication or by such other method of communication as shall be mutually agreed upon by the Remarketing Agent or the Corporation, as the case may be, and the recipients of such notice.

(C) On the Business Day immediately following the establishment of any Weekly Rate Period for the 2019 Series A-1 Variable Rate Bonds, the Trustee shall deliver or mail by first-class mail, postage prepaid or by facsimile transmission or other similar electronic means, to the owner of each 2019 Series A-1 Variable Rate Bond at the address shown on the registration books of the Corporation, a notice stating the Weekly Rate to be borne by the 2019 Series A-1 Variable Rate Bonds, and that from and after the Weekly Effective Rate Date the 2019 Series A-1 Variable Rate Bonds will bear interest at the Weekly Rate for the duration of the applicable Weekly Rate Period. Such notice shall further specify the name, address and telephone number of the person or persons from whom information with respect to the Weekly Rate for each succeeding Weekly Rate Term may be obtained.

(D) Unless an Interest Method Change Date occurs, a new Weekly Rate Term shall automatically commence on the day after the termination of the current Weekly Rate Term.

(E) If for any reason the position of Remarketing Agent is vacant or the Remarketing Agent or the Corporation, as the case may be, fails in the performance of its duty to determine the Weekly Rate for any Weekly Rate Term or the Weekly Rate is held to be invalid or unenforceable by a court of law, as set forth in a written notice from the Corporation to the Trustee, the Weekly Rate for such Weekly Rate Term shall be determined by the Trustee and shall be (i) if a Liquidity Facility is in effect, one hundred percent (100%) of the most recent The Securities Industry and Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee or (ii) if a Liquidity Facility is not in effect, the Maximum Rate.

(F) Any determination of any interest rate pursuant to this Section 301 shall be conclusive and binding upon the Trustee, the Tender Agent, the Remarketing Agent, the Corporation, the Liquidity Provider, and the owners of the 2019 Series A-1 Variable Rate Bonds.

Section 302. Purchase Provisions. During any Weekly Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision and the Demand Purchase Option.

## CHAPTER 4

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING INDEX RATE PERIOD

Section 401. Interest Rate Provisions. (A) Whenever in this Chapter 4 there is reference to "2019 Series A-1 Variable Rate Bonds" or an "Index Rate Period," such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear an Index Rate. At such time (on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at a Term Rate or a Fixed Rate, and on a Permitted Redemption or Tender Date for such Group on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds of such Group to the Index Rate (or from the LIBOR Index Rate to the SIFMA Index Rate, or from the SIFMA Index Rate to the LIBOR Index Rate) until the earlier of the next Interest Method Change Date or the final maturity or redemption in whole of the 2019 Series A-1 Variable Rate Bonds of such Group, the 2019 Series A-1 Variable Rate Bonds of such Group shall bear interest at the Index Rate determined in accordance with this Section 401.

(B) For the purposes of this Chapter 4, the following words and terms shall have the following meanings:

"Alternate Index" shall mean the per annum rate determined as follows. On the LIBOR Determination Date, the Trustee will request the principal London office of each of three major banks, determined by the Trustee, that are engaged in transactions in the London interbank market, to provide the Trustee with its offered quotation for United States dollar deposits in an amount equal to or greater than \$1,000,000 for one month to prime banks in the London interbank market as of 11:00 a.m., London, England time, on the LIBOR Determination Date. If at least two of such banks provide the Trustee with such offered quotations, the "Alternate Index" will be the arithmetic mean (rounded, if necessary, to the nearest one-sixteenth of a percent, with a one thirty-second being rounded upwards) of all such quotations. If, on such date, fewer than two of such banks provide the Trustee with such an offered quotation, the "Alternate Index" will be the arithmetic mean (rounded, if necessary, to the nearest one-sixteenth of a percent, with a one thirty-second being rounded upwards) of the offered rates which three major banks in New York City are quoting as of 11:00 a.m., New York City time, on the LIBOR Determination Date to leading European banks for United States dollar deposits in an amount equal to or greater than \$1,000,000 of one month. Notwithstanding the foregoing, if the Alternate Index on any LIBOR Determination Date is less than zero, the Alternate Index on such LIBOR Determination Date shall be deemed zero for purposes of this Supplemental Resolution.

"Indexing Agent" shall mean the Trustee.

"LIBOR" shall mean, on a LIBOR Determination Date, the rate per annum equal to the London interbank offered rate, as published on the applicable Bloomberg screen page, at or about 11:00 a.m. London time on such LIBOR Determination Date for U.S. Dollar deposits with a term of one month; *provided that* (i) if LIBOR shall be less than zero, such rate shall be



deemed zero for purposes of this Supplemental Resolution and (ii) if LIBOR is unavailable or cannot be determined on a LIBOR Determination Date, then LIBOR on such LIBOR Determination Date, and on each succeeding LIBOR Determination Date until (but not including) the next succeeding LIBOR Determination Date when LIBOR is available and can be determined, shall be equal to the Alternate Index.

“LIBOR Determination Date” shall mean the second London Business Day preceding the first Business Day of each calendar month.

“LIBOR Index Rate” shall mean the rate of interest (rounded to the nearest ten thousandth of one percent, with five hundred thousandths being rounded upward) determined on each LIBOR Determination Date by the Indexing Agent for the period commencing on the first Business Day of the first calendar month following such LIBOR Determination Date to but not including the first Business Day of the second calendar month following such LIBOR Determination Date, which is equal to seventy percent (70%) of LIBOR, plus the Spread; provided, however, that in no event shall the LIBOR Index Rate exceed the Maximum Rate.

“London Business Day” shall mean any day on which banks in London (and New York City, in the event an Alternate Index is utilized in lieu of LIBOR) are open for the transaction of international business.

“SIFMA” shall mean the Securities Industry and Financial Markets Association (formerly The Bond Market Association), and any successor thereto.

“SIFMA Index Rate” shall mean the rate of interest determined by the Indexing Agent on the Wednesday of each week (or, if such day is not a Business Day, the immediately preceding Business Day) after 4:00 p.m., New York City time, for the period commencing on the immediately succeeding Thursday through and including the following Wednesday equal to the seven-day high grade market index of tax-exempt variable rate demand obligations, as produced by Municipal Market Data and published or made available by SIFMA or any person acting in cooperation with or under the sponsorship of SIFMA (but in any event, not less than 0%), plus the Spread; *provided, however*, that in no event shall the SIFMA Index Rate exceed the Maximum Rate.

“Spread” shall mean, with respect to an Index Rate Period commencing on an Interest Method Change Date, the percentage per annum determined by the Remarketing Agent (or in the event of a remarketing on a private placement or direct sale basis, the Corporation) on such Interest Method Change Date and set forth in a Certificate delivered to the Trustee on such Interest Method Change Date that would cause the LIBOR Index Rate or the SIFMA Index Rate, as applicable, to equal the lowest interest rate, not exceeding the Maximum Rate, which would result as nearly as practicable in the market price for the 2019 Series A-1 Variable Rate Bonds as of the date of determination of the LIBOR Index Rate or the SIFMA Index Rate, as applicable, and under prevailing market conditions, being one hundred percent (100%) of the principal amount thereof.

(C) During an Index Rate Period commencing on an Interest Method Change Date, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the LIBOR Index Rate or

the SIFMA Index Rate, as determined by an Authorized Officer of the Corporation on the applicable Interest Method Change Date and set forth in a Certificate delivered to the Trustee on such Interest Method Change Date. The LIBOR Index Rate or the SIFMA Index Rate, as the case may be, shall be established in accordance with the applicable provisions of subsection (B) of this Section 401.

(D) During any Index Rate Period, interest on a 2019 Series A-1 Variable Rate Bond shall be payable on the first Business Day of each calendar month, on any Change Date with respect thereto and on the final maturity date of such 2019 Series A-1 Variable Rate Bond. Interest on 2019 Series A-1 Variable Rate Bonds bearing interest at the LIBOR Index Rate shall be computed on the basis of a 360-day year, for the actual number of days elapsed. Interest on 2019 Series A-1 Variable Rate Bonds bearing interest at the SIFMA Index Rate shall be computed on the basis of a 365 or 366-day year, for the actual number of days elapsed.

(E) If for any reason the Index Rate established in the manner specified in this Section 401 is held to be invalid or unenforceable by a court of law, as set forth in a written notice from the Corporation to the Indexing Agent and the Trustee, or if the Indexing Agent fails in the performance of its duty to determine the Index Rate, the Index Rate shall be the interest rate in effect on the preceding day.

(F) No later than (i) 4:00 p.m., New York City time, on the date of such determination (except in the case of the SIFMA Index Rate) and (ii) 12:00 p.m., New York City time, on Thursday of each week (or, if such day is not a Business Day, the next succeeding Business Day) (in the case of the SIFMA Index Rate), the Indexing Agent shall give notice of the Index Rate for the 2019 Series A-1 Variable Rate Bonds to the Corporation, the Trustee, the Tender Agent (if any) and the Remarketing Agent (if any), by telecopy or other similar means of electronic communication or by such other method of communication as shall be mutually agreed upon by the Trustee and the recipients of such notice, and to each owner of the 2019 Series A-1 Variable Rate Bonds who has filed its name and address with the Trustee for such purpose.

(G) Any determination of any interest rate pursuant to this Section 401 shall be conclusive and binding upon the Corporation, any Tender Agent and any Remarketing Agent, and the owners of the 2019 Series A-1 Variable Rate Bonds.

Section 402. Purchase Provisions. During an Index Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision.

## CHAPTER 5

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING FLEXIBLE RATE PERIOD

Section 501. Interest Rate Provisions. (A) Whenever in this Chapter 5 there is reference to “2019 Series A-1 Variable Rate Bonds” or a “Flexible Rate Period,” such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear a Flexible Rate. At such time (on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at a Term Rate or a Fixed Rate, and on a Permitted Redemption or Tender Date on or after the applicable then-current Initial Redemption or Tender Date, if the 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds to the Flexible Rate (the “Flexible Rate Start Date”) until the earlier of the next Interest Method Change Date or the final maturity or redemption of the 2019 Series A-1 Variable Rate Bonds, each 2019 Series A-1 Variable Rate Bond shall bear interest at the Flexible Rate determined in accordance with this Section 501.

(B) During any Flexible Rate Period, each 2019 Series A-1 Variable Rate Bond shall bear interest at a Flexible Rate. The Flexible Rate with respect to any particular 2019 Series A-1 Variable Rate Bond shall be determined as follows; provided, however, that in the event of a remarketing on a private placement or direct sale basis, the Flexible Rate shall be the rate for the 2019 Series A-1 Variable Rate Bonds determined by an Authorized Officer and set forth in a Certificate delivered to the Trustee on the date of remarketing pursuant to the Private Placement or Direct Sale Bond Purchase Agreement. The Flexible Rate with respect to any particular 2019 Series A-1 Variable Rate Bond shall be the lowest interest rate, not exceeding the Maximum Rate, which, as of the date of determination and under prevailing market conditions, would result as nearly as practicable in the market price for such 2019 Series A-1 Variable Rate Bond on the Flexible Rate Start Date (or subsequent Interest Adjustment Date, as the case may be) being one hundred percent (100%) of the principal amount thereof given the applicable Flexible Rate Term for such 2019 Series A-1 Variable Rate Bond. The Remarketing Agent or the Corporation, as the case may be, shall determine the Flexible Rate not later than 1:00 p.m., New York City time, on the first Business Day of the Flexible Rate Term. The Flexible Rate shall be communicated immediately by the Remarketing Agent or the Corporation, as the case may be, by telex, telecopy or other similar electronic means of communication, or by telephone promptly followed by written notice mailed by electronic mail or first-class mail, postage prepaid, to the Trustee, the Liquidity Provider, the Tender Agent, and the Corporation, if applicable, such communication to be received not later than 1:00 p.m., New York City time, on the day such Flexible Rate is determined.

(C) Notice of each Flexible Rate shall be prepared by the Trustee for mailing by the Tender Agent, and shall be sent by the Tender Agent by first-class mail, postage prepaid, to each owner of 2019 Series A-1 Variable Rate Bonds, the Corporation, and the Liquidity Provider within seven (7) days after such Flexible Rate is determined pursuant to Section 501(B) above.

(D) The Flexible Rate Term with respect to any particular 2019 Series A-1 Variable Rate Bond is the period commencing on the Flexible Rate Start Date and ending not more than 270 days thereafter, selected by the Corporation as the Flexible Rate Term with respect to such 2019 Series A-1 Variable Rate Bond; provided that any Flexible Rate Term selected in accordance with the provisions of Section 501(A) shall be selected such that the Interest Adjustment Date occurring on the day immediately following the last day of such Flexible Rate Term shall be a Business Day. Subsequent Flexible Rate Terms of up to 270 days, selected by the Corporation, shall commence on the day immediately following the end of the preceding Flexible Rate Term with respect to any particular 2019 Series A-1 Variable Rate Bond (each such day an "Interest Adjustment Date"), unless the interest rate on the 2019 Series A-1 Variable Rate Bonds shall be converted to a Daily Rate, Weekly Rate or Term Rate or to the Fixed Rate pursuant to the provisions of the Supplemental Resolution or the 2019 Series A-1 Variable Rate Bonds mature or are redeemed in whole on such date. Notwithstanding the foregoing, the Corporation may not select a Flexible Rate Term for a particular 2019 Series A-1 Variable Rate Bond longer than the time remaining to the earlier of (i) the remaining term of the Liquidity Facility and (ii) the final maturity of the 2019 Series A-1 Variable Rate Bonds.

(E) If for any reason the position of Remarketing Agent is vacant or if the Remarketing Agent or the Corporation, as the case may be, fails in the performance of its duty to determine the Flexible Rate for any Flexible Rate Term or the Flexible Rate is held to be invalid or unenforceable by a court of law, as set forth in a written notice from the Corporation to the Trustee, such Flexible Rate Term shall convert to a one (1) day period. The Flexible Rate for such Flexible Rate Term shall be determined by the Trustee and shall be (i) if a Liquidity Facility is in effect, one hundred percent (100%) of the most recent The Securities Industry and Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee or (ii) if a Liquidity Facility is not in effect, the Maximum Rate.

(F) Any determination of any interest rate pursuant to this Section 501 shall be conclusive and binding upon the Trustee, the Tender Agent, the Remarketing Agent, the Corporation, the Liquidity Provider, and the owners of the 2019 Series A-1 Variable Rate Bonds.

Section 502. Purchase Provisions. During any Flexible Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision.

## CHAPTER 6

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING TERM RATE PERIOD

Section 601. Interest Rate Provisions. (A) Whenever in this Chapter 6 there is reference to “2019 Series A-1 Variable Rate Bonds” or a “Term Rate Period,” such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear a Term Rate. At such time (on or after the applicable then-current Initial Redemption or Tender Date, if such 2019 Series A-1 Variable Rate Bonds then bear interest at a Fixed Rate, and on a Permitted Redemption or Tender Date on or after the applicable then-current Initial Redemption or Tender Date, if such 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds of such Group to the Term Rate or the date of commencement (on or after the applicable then-current Initial Redemption or Tender Date) of a subsequent Term Rate Term, as applicable (the “Term Rate Start Date”), until the earlier of the next Interest Method Change Date or the final maturity or redemption in whole of the 2019 Series A-1 Variable Rate Bonds of such Group, the 2019 Series A-1 Variable Rate Bonds of such Group shall bear interest at the Term Rate determined in accordance with this Section 601.

(B) During any Term Rate Period, the 2019 Series A-1 Variable Rate Bonds shall bear interest at the Term Rate. The Term Rate shall be determined as follows; provided, however, that in the event of a remarketing on a private placement or direct sale basis, the Term Rate shall be the rate for the 2019 Series A-1 Variable Rate Bonds determined by an Authorized Officer and set forth in a Certificate delivered to the Trustee on the date of remarketing pursuant to the Private Placement or Direct Sale Bond Purchase Agreement. The Term Rate shall be the lowest interest rate, not exceeding the Maximum Rate, which, as of the date of determination and under prevailing market conditions, would result as nearly as practicable in the market price for the 2019 Series A-1 Variable Rate Bonds on the Term Rate Start Date (or subsequent Interest Adjustment Date, as the case may be) being one hundred percent (100%) of the principal amount thereof. The Remarketing Agent or the Corporation, as the case may be, shall determine the Term Rate not later than 12:00 noon, New York City time, on the Business Day immediately preceding the Term Rate Start Date. Any determination of any interest rate pursuant to this Chapter 6 shall be conclusive and binding upon the Trustee, the Tender Agent, the Corporation, the Liquidity Provider, if any, the Remarketing Agent and the owners of the 2019 Series A-1 Variable Rate Bonds. The Term Rate shall be communicated immediately by the Remarketing Agent or the Corporation, as the case may be, by telecopy or other similar electronic means of communication, or by telephone promptly followed by written notice mailed by electronic mail or first-class mail, postage prepaid, to the Trustee, the Liquidity Provider, if any, the Tender Agent, and the Corporation, such communication to be received not later than 4:00 p.m., New York City time, on the day such Term Rate is determined.

(C) Notice of each Term Rate, other than the initial Term Rate in effect for the initial Term Rate Term, shall be prepared by the Trustee for mailing by the Tender Agent, and shall be sent by the Tender Agent by first-class mail, postage prepaid, to each owner of 2019 Series A-1 Variable Rate Bonds and the Liquidity Provider, if any, within seven (7) days after such Term Rate is determined pursuant to Section 601(B) above.

(D) The Term Rate Term is the period commencing on the Term Rate Start Date and ending on the earlier of the day preceding (i) the two-month anniversary thereof or (ii) such later anniversary as corresponds to the integral multiple of two (2) months selected by the Corporation and set forth in a Certificate of an Authorized Officer delivered to the Trustee on the applicable Term Rate Start Date, as the Term Rate Term, or (iii) in all cases, the day preceding a Term Rate Period Advance Tender Date. Subsequent Term Rate Terms of two (2) months or such integral multiples of two (2) months, as may be designated by the Corporation and set forth in a Certificate of an Authorized Officer delivered to the Trustee on the applicable Term Rate Start Date, shall commence on the day immediately following the end of the preceding Term Rate Term (each such day an "Interest Adjustment Date"), unless the interest rate on the 2019 Series A-1 Variable Rate Bonds shall be converted to a Daily Rate, Weekly Rate or Flexible Rate or to the Fixed Rate pursuant to the provisions of this Supplemental Resolution or the 2019 Series A-1 Variable Rate Bonds mature or are redeemed in whole on such date. Notwithstanding the foregoing, (a) the Corporation may not select a Term Rate Term longer than the time remaining to the earlier of (i) the remaining term of the Liquidity Facility (if any) or (ii) the final maturity of the 2019 Series A-1 Variable Rate Bonds, and (b) if the anniversary of a Term Rate Start Date is a day other than a Business Day, such anniversary shall be deemed to be the immediately preceding Business Day.

(E) If for any reason during any Term Rate Term such Term Rate cannot be established or is held to be invalid or unenforceable by a court of law, the interest rate on the 2019 Series A-1 Variable Rate Bonds shall be converted to the Weekly Rate determined by the Trustee and shall be one hundred percent (100%) of the most recent The Securities Industry and Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee.

(F) Any notice to the Trustee by the Remarketing Agent or the Corporation, as the case may be, of the Term Rate as contemplated by the foregoing subsection (B) of this Section 601 and any determination of any interest rate pursuant to subsection (E) of this Section 601 shall be conclusive and binding upon the Trustee, the Tender Agent, the Remarketing Agent, the Corporation, the Liquidity Provider, if any, and the owners of the 2019 Series A-1 Variable Rate Bonds.

Section 602. Purchase Provisions. During any Term Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision.

## CHAPTER 7

### PROVISIONS OF 2019 SERIES A-1 VARIABLE RATE BONDS DURING FIXED RATE PERIOD

Section 701. Interest Rate Provisions. (A) Whenever in this Chapter 7 there is reference to “2019 Series A-1 Variable Rate Bonds” or a “Fixed Rate Period,” such reference shall relate to any Group of 2019 Series A-1 Variable Rate Bonds that bear a Fixed Rate. From the date of initial issuance and delivery of the 2019 Series A-1 Variable Rate Bonds of a Group and at such time (on or after the applicable then-current Initial Redemption or Tender Date, if such 2019 Series A-1 Variable Rate Bonds then bear interest at a Term Rate or a Fixed Rate, and on a Permitted Redemption or Tender Date on or after the applicable then-current Initial Redemption or Tender Date, if such 2019 Series A-1 Variable Rate Bonds then bear interest at an Index Rate) as shall be designated by the Corporation for a change of the method of determining the interest rate on the 2019 Series A-1 Variable Rate Bonds of such Group to the Fixed Rate, or for a reset of the Fixed Rate for the 2019 Series A-1 Variable Rate Bonds of such Group (a “Fixed Rate Reset Date”), until the earlier of the next Interest Method Change Date or the final maturity or redemption in whole of the 2019 Series A-1 Variable Rate Bonds of such Group, the 2019 Series A-1 Variable Rate Bonds of such Group shall bear interest at the Fixed Rate determined in accordance with this Section 701.

(B) During any Fixed Rate Period, the 2019 Series A-1 Variable Rate Bonds will bear interest at the Fixed Rate. The Fixed Rate shall be determined as follows; provided, however, that the Fixed Rate of the 2019 Series A-1 Variable Rate Bonds of a Group during their Initial Fixed Rate Period shall be the rate per annum set forth for the 2019 Series A-1 Variable Rate Bonds of such Group in Section 102(A)(1) of this Appendix A, and provided further, however, that in the event of a remarketing on a private placement or direct sale basis, the Fixed Rate shall be the rate for the 2019 Series A-1 Variable Rate Bonds determined by an Authorized Officer and set forth in a Certificate delivered to the Trustee on the date of remarketing pursuant to the Private Placement or Direct Sale Bond Purchase Agreement. Except as otherwise provided hereinabove with respect to the 2019 Series A-1 Variable Rate Bonds during their Initial Fixed Rate Period, the Fixed Rate shall be the lowest interest rate, not exceeding the Maximum Rate, which, as of the date of determination and under prevailing market conditions, would result as nearly as practicable in the market price for the 2019 Series A-1 Variable Rate Bonds on the Fixed Rate Start Date being one hundred percent (100%) of the principal amount thereof. Except as otherwise provided hereinabove with respect to the 2019 Series A-1 Variable Rate Bonds during their Initial Fixed Rate Period, the Remarketing Agent or the Corporation, as the case may be, shall determine the Fixed Rate not later than 12:00 noon, New York City time, on the Business Day immediately preceding the Fixed Rate Start Date and such determination shall be conclusive and binding upon the Trustee, the Tender Agent, the Corporation, the Liquidity Provider, if any, the Remarketing Agent, and the owners of the 2019 Series A-1 Variable Rate Bonds. Except as otherwise provided hereinabove with respect to the 2019 Series A-1 Variable Rate Bonds during their Initial Fixed Rate Period, such Fixed Rate shall be communicated immediately by the Remarketing Agent or the Corporation, as the case may be, by telecopy or other similar electronic means of communication, or by telephone promptly followed by written notice mailed by electronic mail or first-class mail, postage prepaid, to the Trustee, the Tender Agent, the Corporation, and the Liquidity Provider, if any, such

communication to be received not later than 4:00 p.m., New York City time, on the date of such determination. The Trustee, within seven (7) days following the Fixed Rate Start Date, shall give notice thereof by first-class mail, postage prepaid, to each owner of 2019 Series A-1 Variable Rate Bonds (as of the Fixed Rate Start Date).

(C) If for any reason such Fixed Rate cannot be established or is held to be invalid or unenforceable by a court of law, or if for any reason the Remarketing Agent or the Corporation, as the case may be, fails to determine the Fixed Rate for the Fixed Rate Period as provided in subsection (B) above, then the rate of interest on the 2019 Series A-1 Variable Rate Bonds shall be converted to the Weekly Rate determined by the Trustee and shall be one hundred percent (100%) of the most recent The Securities Industry and Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee.

(D) On any Fixed Rate Start Date with respect to a Group of 2019 Series A-1 Variable Rate Bonds that are Term Bonds, the Corporation, upon receipt by the Corporation and the Trustee of a Bond Counsel's Opinion to the effect that modifying the schedule of principal amounts of such 2019 Series A-1 Variable Rate Bonds to mature or be subject to redemption through the application of Sinking Fund Payments set forth in Sections 103(D) and 103(E)(1) of this Appendix A shall not adversely affect the exclusion of the interest on the 2019 Series A-1 Bonds from gross income for Federal income tax purposes, may, by notice to the Trustee, modify such schedule of principal amounts of such 2019 Series A-1 Variable Rate Bonds to mature or be subject to redemption through the application of Sinking Fund Payments.

Section 702. Purchase Provisions. During any Fixed Rate Period, the 2019 Series A-1 Variable Rate Bonds shall contain the Mandatory Purchase Provision.



## CHAPTER 8

### MANDATORY PURCHASE PROVISION AND DEMAND PURCHASE OPTION WITH RESPECT TO 2019 SERIES A-1 VARIABLE RATE BONDS

Section 801. Mandatory Purchase Provisions. (A) The provisions of this Chapter 8 apply to any Group of 2019 Series A-1 Variable Rate Bonds for which the Mandatory Purchase Provision and/or the Demand Purchase Option apply. The 2019 Series A-1 Variable Rate Bonds are not subject to the Mandatory Purchase Provision prior to the Initial Redemption or Tender Date. The 2019 Series A-1 Variable Rate Bonds shall be subject to mandatory tender for purchase by the owners thereof on any Change Date; provided, however, that (i) if such Change Date is an Interest Method Change Date which is an Interest Adjustment Date with respect to 2019 Series A-1 Variable Rate Bonds bearing interest at a Flexible Rate during a particular Flexible Rate Term, only such 2019 Series A-1 Variable Rate Bonds to which such Interest Adjustment Date relates shall be subject to mandatory tender for purchase by the owners thereof on such Change Date, and (ii) if such Change Date is an Interest Method Change Date or a Discretionary Tender Date, only such 2019 Series A-1 Variable Rate Bonds to which such Interest Method Change Date relates shall be subject to mandatory tender for purchase by the owners thereof on such Change Date, and if less than all of the 2019 Series A-1 Variable Rate Bonds of a Group are to be tendered, the particular 2019 Series A-1 Variable Rate Bonds to be tendered shall be selected by the Trustee by lot, using such method as it shall determine in its sole discretion. The Trustee shall deliver or mail by first class mail, postage prepaid, a notice, not later than fifteen (15) days prior to the Change Date in the case of 2019 Series A-1 Variable Rate Bonds during a Daily Rate Period, Weekly Rate Period, Index Rate Period, Flexible Rate Period or Term Rate Period and not later than twenty (20) days in the case of 2019 Series A-1 Variable Rate Bonds during a Fixed Rate Period, to the Remarketing Agent, the Liquidity Provider, if any, and to the owner of each 2019 Series A-1 Variable Rate Bond to which such notice relates at the address shown on the registration books of the Corporation. Any notice given as provided in this subsection (A) shall be conclusively presumed to have been duly given, whether or not the owner receives the notice. Said notice shall set forth, in substance, the following:

(i) the Change Date and the reason therefor; and

(ii) the Purchase Price for the affected 2019 Series A-1 Variable Rate Bonds and that all owners of affected 2019 Series A-1 Variable Rate Bonds shall be deemed to have tendered their affected 2019 Series A-1 Variable Rate Bonds for purchase on the Change Date.

Notwithstanding the foregoing, with respect to an Interest Method Change Date that is an Interest Adjustment Date relating to 2019 Series A-1 Variable Rate Bonds bearing interest at a Flexible Rate during a particular Flexible Rate Term, no such notice shall be given. Owners of 2019 Series A-1 Variable Rate Bonds to which a mandatory tender for purchase relates shall be required to tender their affected 2019 Series A-1 Variable Rate Bonds to the Tender Agent, for purchase at the Purchase Price, with an appropriate endorsement for transfer to the Tender Agent, or accompanied by a bond power endorsed in blank, and any Undelivered Bonds for

which there has been irrevocably deposited in trust with the Trustee or the Tender Agent an amount of moneys sufficient to pay the Purchase Price of the Undelivered Bonds, shall be deemed to have been purchased at the Purchase Price pursuant to this Section 801(A). IN THE EVENT OF A FAILURE BY AN OWNER OF AFFECTED 2019 SERIES A-1 VARIABLE RATE BONDS TO DELIVER ITS AFFECTED 2019 SERIES A-1 VARIABLE RATE BONDS ON OR PRIOR TO THE CHANGE DATE, SAID OWNER SHALL NOT BE ENTITLED TO ANY PAYMENT (INCLUDING ANY INTEREST TO ACCRUE SUBSEQUENT TO THE CHANGE DATE) OTHER THAN THE PURCHASE PRICE FOR SUCH UNDELIVERED BONDS, AND ANY UNDELIVERED BONDS SHALL NO LONGER BE ENTITLED TO THE BENEFITS OF THE RESOLUTION, EXCEPT FOR THE PURPOSE OF PAYMENT OF THE PURCHASE PRICE THEREFOR.

(B) The Trustee shall provide the Tender Agent with a copy of any notice delivered to the owners of the 2019 Series A-1 Variable Rate Bonds pursuant to this Section 801.

(C) The foregoing notwithstanding, failure by the Trustee to provide any notice required by this Section 801 shall not, of itself, prevent the occurrence of a Change Date.

Section 802. Demand Purchase Option. (A) During any Daily Rate Period or Weekly Rate Period, any 2019 Series A-1 Variable Rate Bond, in an authorized denomination, shall be purchased at the Purchase Price from the owner thereof upon:

(1) delivery to the Tender Agent at its Principal Office and the Remarketing Agent at its Principal Office of a written notice delivered prior to 10:00 a.m., New York City time, on any Business Day during any Daily Rate Period, or a written notice delivered prior to 5:00 p.m., New York City time, on any Business Day during any Weekly Rate Period, in a form satisfactory to the Tender Agent (said notice to be irrevocable and effective upon receipt) which (a) states the aggregate principal amount of the 2019 Series A-1 Variable Rate Bonds to be purchased and the numbers of such 2019 Series A-1 Variable Rate Bonds to be purchased and (b) states the date on which such 2019 Series A-1 Variable Rate Bonds are to be purchased, which date shall be (i) the date of delivery of such notice during any Daily Rate Period or (ii) a Business Day not prior to the seventh (7th) day next succeeding the date of delivery of such notice and which date shall be prior to any Change Date during any Weekly Rate Period;

(2) if such Bonds are to be purchased prior to an Interest Payment Date and after the Record Date in respect thereof, delivery to the Tender Agent, together with the written notice described in (1) above, of a due-bill check, payable to bearer, for interest due on such Interest Payment Date; and

(3) delivery to the Tender Agent, at or prior to 1:00 p.m., New York City time, during any Daily Rate Period, or at or prior to 12:00 noon, New York City time, during any Weekly Rate Period, on the date designated for purchase in the notice described in (1) above of such 2019 Series A-1 Variable Rate Bonds in a principal amount equal to any authorized denomination as provided in Section 102(C) hereof to be purchased with an appropriate endorsement for transfer to the Tender Agent, or accompanied by a bond power endorsed in blank;

provided, however, that no 2019 Series A-1 Variable Rate Bonds of any owner shall be purchased unless any remaining 2019 Series A-1 Variable Rate Bonds of such owner shall be in an authorized denomination as provided in Section 102(C) hereof.

(B) Any Undelivered Bonds for which there has been irrevocably deposited in trust with the Trustee or the Tender Agent an amount of moneys sufficient to pay the Purchase Price of the Undelivered Bonds, shall be deemed to have been purchased at the Purchase Price pursuant to this Section 802(B). IN THE EVENT OF A FAILURE BY AN OWNER OF AFFECTED 2019 SERIES A-1 VARIABLE RATE BONDS TO DELIVER ITS AFFECTED 2019 SERIES A-1 VARIABLE RATE BONDS ON OR PRIOR TO THE PURCHASE DATE, SAID OWNER SHALL NOT BE ENTITLED TO ANY PAYMENT (INCLUDING ANY INTEREST TO ACCRUE SUBSEQUENT TO THE PURCHASE DATE) OTHER THAN THE PURCHASE PRICE FOR SUCH UNDELIVERED BONDS, AND ANY UNDELIVERED BONDS SHALL NO LONGER BE ENTITLED TO THE BENEFITS OF THE RESOLUTION, EXCEPT FOR THE PURPOSE OF PAYMENT OF THE PURCHASE PRICE THEREFOR.

(C) Notwithstanding the foregoing provisions, in the event any 2019 Series A-1 Variable Rate Bond as to which the owner thereof has exercised its option pursuant to subsection (A) above is remarketed to such owner pursuant to the Remarketing Agreement, such owner need not deliver such 2019 Series A-1 Variable Rate Bond to the Tender Agent as provided in subsection (A)(3) above, although such 2019 Series A-1 Variable Rate Bond shall be deemed to have been delivered to the Tender Agent, redelivered to such owner, and remarketed for purposes hereof.

Section 803. Funds for Purchase; Delivery of Funds and Bonds. (A)(x) On the date 2019 Series A-1 Variable Rate Bonds are to be purchased pursuant to Section 801 or 802 hereof, such Bonds shall be purchased at the Purchase Price only from the funds listed below and, (i) in the case of funds described in clause (1) below, deposited in the 2019 Series A-1 Remarketing Proceeds Purchase Account, as established by the Tender Agent pursuant to the Tender Agent Agreement or (ii) in the case of funds described in clause (2) below, held by the Trustee in trust for tendering owners or the Liquidity Provider, as described more fully in Section 803(A)(y) below. Funds for the payment of the Purchase Price shall be derived from the following sources in the order of priority indicated:

(1) (a) the proceeds of the sale of the 2019 Series A-1 Variable Rate Bonds which have been remarketed by the Remarketing Agent (i) during any Weekly Rate Period, prior to 11:30 a.m., New York City time, on the date the 2019 Series A-1 Variable Rate Bonds are to be purchased, to any entity other than the Corporation, a 2019 Series A-1 Mortgagor or any member or partner of such 2019 Series A-1 Mortgagor, or (ii) during any Daily Rate Period, prior to 12:00 noon, New York City time, on the date the 2019 Series A-1 Variable Rate Bonds are to be purchased to any entity other than the Corporation, a 2019 Series A-1 Mortgagor or any member or partner of such 2019 Series A-1 Mortgagor, or (b) the proceeds of the sale of such 2019 Series A-1 Variable Rate Bonds which have been remarketed pursuant a Private Placement or Direct Sale Bond Purchase Agreement;

(2) moneys obtained by the Trustee under the Liquidity Facility, if any;

(3) in the case of a purchase as a result of a Change Date during the 2019 Series A-1 Prepayment Period moneys on deposit in the 2019 Series A-1 Prepayment Account; and

(4) any moneys held by the Trustee under the General Resolution and the Supplemental Resolution and available for such purpose.

Funds for the payment of the Purchase Price in the case of a purchase as a result of a Change Date described in clause (iii) of the definition thereof or as a result of a Facility Change Date described in clause (ii) of the definition thereof shall be derived only from moneys obtained by the Trustee under the Liquidity Facility.

(y) In the event the Trustee obtains moneys under the Liquidity Facility, the Trustee shall hold such moneys in trust for the owners of the 2019 Series A-1 Variable Rate Bonds that have tendered 2019 Series A-1 Variable Rate Bonds and transfer said moneys to the Tender Agent for payment to said owners to the extent moneys are insufficient to pay the Purchase Price thereto pursuant to Section 803(A)(x)(1) above; provided, that as and to the extent such moneys are not needed to pay the owners of tendered 2019 Series A-1 Variable Rate Bonds, said moneys will be returned promptly to the Liquidity Provider. The moneys drawn under the Liquidity Facility as described in the immediately preceding sentence shall not be co-mingled with any other funds or accounts of the Trustee or the Tender Agent, shall not be invested by the Trustee and, in the event that any or all of such funds are not used to purchase 2019 Series A-1 Variable Rate Bonds, shall be immediately returned by the Trustee to the Liquidity Provider except to the extent such funds are to be held as payment of the Purchase Price of Undelivered Bonds. After payment of the Purchase Price of all such tendered 2019 Series A-1 Variable Rate Bonds, and to the extent that 2019 Series A-1 Variable Rate Bonds are purchased with moneys described in clause (2) above, the Trustee shall apply any moneys described in clause (3) above to reimburse the Liquidity Provider for the payments under the Liquidity Facility in connection with such purchase; provided that, upon reimbursement of the Liquidity Provider in full for all amounts obtained under the Liquidity Facility to purchase any 2019 Series A-1 Variable Rate Bond as set forth above in this paragraph (other than from the proceeds of the remarketing of the 2019 Series A-1 Variable Rate Bonds described in clause (1) above), such 2019 Series A-1 Variable Rate Bond shall be deemed paid and shall be delivered to the Trustee for cancellation.

(B) 2019 Series A-1 Variable Rate Bonds purchased in accordance with the provisions of this Section 803(A) above shall be delivered as follows:

(1) 2019 Series A-1 Variable Rate Bonds purchased with moneys described in Section 803(A)(x)(1) above shall be made available to or upon the order of the purchasers thereof; and

(2) 2019 Series A-1 Variable Rate Bonds purchased with moneys described in Section 803(A)(x)(2) above shall be made available by the Tender Agent to or upon the order of the Liquidity Provider.

(C) The Tender Agent shall make available to the person to whom the Tender Agent is to deliver any 2019 Series A-1 Variable Rate Bonds pursuant to Section 803(A) above the due-bill check, if any, delivered to the Tender Agent.

(D) Bonds delivered as provided in Section 803(A) above shall be registered in the manner directed by the recipient thereof.

(E) The Trustee and Tender Agent shall have the following duties with respect to the purchase of 2019 Series A-1 Variable Rate Bonds pursuant to Section 803(A) above, in addition to the duties described elsewhere in the Supplemental Resolution:

(1) The Tender Agent shall hold all 2019 Series A-1 Variable Rate Bonds delivered to it pursuant to Section 801 or 802 hereof in trust for the benefit of the respective owners of such 2019 Series A-1 Variable Rate Bonds which shall have so delivered such 2019 Series A-1 Variable Rate Bonds until moneys representing the Purchase Price of such 2019 Series A-1 Variable Rate Bonds shall have been delivered to or for the account of or to the order of such owners of 2019 Series A-1 Variable Rate Bonds;

(2) The Trustee and the Tender Agent shall hold all moneys delivered to them pursuant to the Supplemental Resolution for the purchase of such 2019 Series A-1 Variable Rate Bonds in a separate account, in trust for the benefit of the person or entity which shall have so delivered such moneys, which moneys shall remain uninvested or, except for moneys provided under the Liquidity Facility, invested in Governmental Obligations maturing or being redeemable at the option of the holder thereof in not more than thirty (30) days or when needed;

(3) The Tender Agent shall establish the Remarketing Proceeds Purchase Account pursuant to the Tender Agent Agreement and shall comply with the obligations of the Tender Agent set forth in the Tender Agent Agreement;

(4) The Trustee shall deliver all moneys delivered to it pursuant to the Supplemental Resolution for the purchase of such 2019 Series A-1 Variable Rate Bonds to the Tender Agent to be deposited in the Remarketing Proceeds Purchase Account established pursuant to the Tender Agent Agreement; provided, however, that until delivery of such moneys to the Tender Agent, the Trustee shall hold all such moneys in trust for the benefit of the person or entity which shall have so delivered such moneys and, provided further, however, that all moneys derived from the Liquidity Facility shall be handled as provided in Section 803(A)(y) above;

(5) The Tender Agent shall deliver to the Trustee, the Corporation, and the Liquidity Provider, if any, a copy of each notice delivered to it in accordance

with Section 801 or 802 hereof and, not later than (i) during any Weekly Rate Period, 11:45 a.m., New York City time, on the date such 2019 Series A-1 Variable Rate Bonds are to be purchased, or (ii) during any Daily Rate Period, 12:15 p.m., New York City time, on the date such 2019 Series A-1 Variable Rate Bonds are to be purchased, shall give notice by telecopy or other similar electronic means of communication, or by telephone promptly followed by written notice mailed by first-class mail, postage prepaid, to the Corporation, the Trustee and the Liquidity Provider, if any, specifying the principal amount of the 2019 Series A-1 Variable Rate Bonds to be purchased, and the amount of the proceeds of the sale of such 2019 Series A-1 Variable Rate Bonds as described in Section 803(A)(x)(1) hereof and held by the Tender Agent; and

(6) The Trustee shall obtain moneys under the Liquidity Facility, if any, in accordance with the terms thereof in an amount equal to the difference between the Purchase Price of such 2019 Series A-1 Variable Rate Bonds to be purchased and the amount of the proceeds of the sale of the 2019 Series A-1 Variable Rate Bonds as described in Section 803(A)(x)(1) above and as specified by the Tender Agent pursuant to the immediately preceding paragraph, and shall promptly transmit said moneys to the Tender Agent to provide for timely payment of the Purchase Price of such 2019 Series A-1 Variable Rate Bonds.

(F) Neither the Corporation nor the owner of any Bond then Outstanding under the General Resolution other than the owner tendering its 2019 Series A-1 Variable Rate Bonds shall have any right, title or interest in any moneys to be held by the Trustee or the Tender Agent for the purchase of such 2019 Series A-1 Variable Rate Bonds.

(G) Notwithstanding anything to the contrary contained herein, the provisions of Sections 801, 802 and 803 hereof shall be subject to the provisions of Section 2.6(F) of the Supplemental Resolution.

Section 804. Additional Provisions Regarding Liquidity Provider and Bank Bonds. (A) Any 2019 Series A-1 Variable Rate Bond for which the Purchase Price is funded with moneys provided under the Liquidity Facility and which are not remarketed shall become a Bank Bond. The Liquidity Facility shall not provide liquidity support for Bank Bonds or 2019 Series A-1 Variable Rate Bonds held by, or on behalf of, the Corporation.

(B) Bank Bonds may be cancelled at the direction of the Liquidity Provider. At such time as a Bank Bond is remarketed, the Trustee or the Tender Agent, as appropriate, shall (a) remit the proceeds from the remarketing to the Liquidity Provider, and (b) to the extent that the Liquidity Facility has been reinstated in accordance with its terms, give written notice to the Remarketing Agent and the Liquidity Provider that such Bond is no longer a Bank Bond.

(C) Notwithstanding anything to the contrary contained in the General Resolution or the Supplemental Resolution, in the event all 2019 Series A-1 Variable Rate Bonds of a Series become Bank Bonds, the interest rate on the 2019 Series A-1 Variable Rate Bonds of such Series shall be one hundred percent (100%) of the most-recent The Securities Industry and

Financial Markets Association Municipal Swap Index published in *The Bond Buyer* or otherwise made available to the Trustee.

(C) Notwithstanding anything to the contrary contained herein or in the General Resolution or the Supplemental Resolution, (i) for so long as a Liquidity Facility shall be in effect with respect to a Group of 2019 Series A-1 Variable Rate Bonds, the first 2019 Series A-1 Variable Rate Bonds of such Group to be redeemed shall be 2019 Series A-1 Variable Rate Bank Bonds and (ii) no 2019 Series A-1 Variable Rate Bond of such Group shall be selected for redemption if the portion of such 2019 Series A-1 Variable Rate Bond of such Group remaining after such redemption would not be in a denomination authorized by the Supplemental Resolution.

(D) No amendment or supplement to the General Resolution, the Supplemental Resolution or the related Bond Series Certificate shall change or modify any of the rights or obligations of any Liquidity Provider without its prior written consent thereto.

(F) The Liquidity Provider shall be a third party beneficiary of the provisions of the Supplemental Resolution; provided, however, that notwithstanding anything contained in the Supplemental Resolution to the contrary, all rights of the Liquidity Provider under the Supplemental Resolution, including, but not limited to, all consent and approval rights hereunder and thereunder, shall cease, terminate and become null and void (a) if, and for so long as, there is a Wrongful Dishonor of the Liquidity Facility by the Liquidity Provider, or (b) if the Liquidity Facility is no longer in effect; provided, however, that notwithstanding any such Wrongful Dishonor, the Liquidity Provider shall be entitled to receive notices pursuant to the General Resolution, the Supplemental Resolution in accordance with the terms of the General Resolution and the Supplemental Resolution.

(G) Notwithstanding anything to the contrary contained in the General Resolution or the Supplemental Resolution, funds drawn under a Liquidity Facility shall not be invested by the Trustee and, in the event that any or all of such funds are not used to purchase 2019 Series A-1 Variable Rate Bonds, shall be immediately returned by the Trustee to the Liquidity Provider except to the extent such funds are to be held as payment of the Purchase Price of Undelivered Bonds.

(H) If the Liquidity Provider fails to purchase any 2019 Series A-1 Variable Rate Bonds of a Series tendered or deemed tendered for purchase by the owners thereof and not remarketed or if the Initial Liquidity Facility is terminated without an alternate Liquidity Facility in place, the 2019 Series A-1 Variable Rate Bonds of such Series will continue to bear interest at the Weekly Rate. Owners will continue to have the right to tender their 2019 Series A-1 Variable Rate Bonds of such Series during such period, but the Purchase Price of such 2019 Series A-1 Variable Rate Bonds will be payable solely from remarketing proceeds. If remarketing proceeds are not available, then owners may be required to hold such 2019 Series A-1 Variable Rate Bonds to their maturity or prior redemption.

(I) Notwithstanding anything to the contrary contained in the General Resolution or the Supplemental Resolution, the Corporation shall not be responsible for any failure by the Liquidity Provider to purchase 2019 Series A-1 Variable Rate Bonds tendered

pursuant to Section 801 or 802 hereof or for the Remarketing Agent's failure to remarket the 2019 Series A-1 Variable Rate Bonds. Failure to purchase a 2019 Series A-1 Variable Rate Bond tendered pursuant to Section 801 or 802 hereof does not constitute an Event of Default hereunder or under the General Resolution. Notwithstanding the foregoing, and subject to the provisions of the General Resolution, the Corporation retains the right, but is not obligated, to purchase any 2019 Series A-1 Variable Rate Bonds, at such times, in such amounts and at such prices as the Corporation shall determine. Any 2019 Series A-1 Variable Rate Bond so purchased by the Corporation shall be forthwith cancelled by the Trustee and evidence of such cancellation shall be given to the Corporation. No amendment or supplement to the General Resolution or the Supplemental Resolution shall change or modify any of the rights or obligations of any Liquidity Provider without its prior written consent thereto.