

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP /DC/  
Form FWP  
August 23, 2017

Filed Pursuant to Rule 433 under the Securities Act  
Registration Statement No. 333-199914  
Issuer Free Writing Prospectus dated August 23, 2017  
CUSIP #: 63743HEQ1

NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORPORATION

Medium-Term Notes, Series D  
With Maturities of Nine Months or More from Date of Issue

Fixed Rate Notes

Issuer: National Rural Utilities Cooperative Finance Corporation

Issuer Ratings: A2 / A / A (Moody's / S&P / Fitch)

Principal Amount: \$350,000,000

Security Type: Senior Unsecured

Interest Rate: 2.30%

Issue Price: 99.980% of Principal Amount

Trade Date: August 23, 2017

Original Issue Date: August 30, 2017

Maturity Date: September 15, 2022

Benchmark Treasury: 1.875% due July 31, 2022

Benchmark Treasury Yield: 1.754%

Spread to Benchmark Treasury: +55 basis points

Yield to Maturity: 2.304%

Interest Payment Dates: Each March 15 and September 15, and the maturity date, commencing March 15, 2018

Payment at Maturity: The payment at maturity will be 100% of the Principal Amount plus accrued and unpaid interest, if any

Optional Redemption: CFC may redeem the notes at any time prior to August 15, 2022, in whole or in part, at a “make-whole” redemption price equal to the greater of (1) 100% of the principal amount being redeemed or (2) the sum of the present values of the remaining scheduled payments of the principal and interest (other than accrued interest) on the notes being redeemed that would be due if such notes matured on August 15, 2022, discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 10 basis points plus in each of (1) and (2) above, accrued interest to, but excluding, the redemption date.

At any time on or after August 15, 2022, CFC may redeem the notes, at its option, in whole or in part, at a redemption price equal to 100% of the principal amount of the notes then outstanding to be redeemed, plus accrued and unpaid interest thereon to, but excluding, the date of redemption.

“Treasury Rate” means, for any redemption date, the rate per annum equal to the semi-annual equivalent yield to maturity of the Comparable Treasury Issue, assuming a price for the Comparable Treasury Issue (expressed as a percentage of its principal amount) equal to the Comparable Treasury Price for the redemption date.

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“Comparable Treasury Issue” means the United States Treasury security selected by an Independent Investment Banker as having a maturity comparable to the remaining term of the notes being redeemed (assuming, for this purpose that the notes matured on August 15, 2022) that would be utilized, at the time of selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of such notes.

“Independent Investment Banker” means one of the Reference Treasury Dealers appointed by the trustee after consultation with CFC.

“Comparable Treasury Price” means with respect to any redemption date, (A) the average of the Reference Treasury Dealer Quotations for the redemption date, after excluding the highest and lowest Reference Treasury Dealer Quotations for that redemption date, or (B) if we obtain fewer than four Reference Treasury Dealer Quotations, the average of all the Reference Treasury Dealer Quotations obtained.

“Reference Treasury Dealer Quotations” means, for each Reference Treasury Dealer and any redemption date, the average, as determined by the trustee, of the bid and ask prices for the Comparable Treasury Issue (expressed in each case as a percentage of its principal amount) quoted in writing to the trustee by the Reference Treasury Dealer at 5:00 p.m. New York City time on the third business day preceding the redemption date for the notes being redeemed.

“Reference Treasury Dealer” means (1) RBC Capital Markets, LLC and an affiliate of Scotia Capital (USA) Inc. and a Primary Treasury Dealer (defined below) selected by each of MUFG Securities Americas Inc. and U.S. Bancorp Investments, Inc. and their respective successors, provided, however, that if any of the foregoing shall cease to be a primary U.S. Government securities dealer in New York City (a “Primary Treasury Dealer”), CFC will substitute for such bank another Primary Treasury Dealer (2) and any other U.S. Government securities dealers selected by CFC.

Agent’s Discount or  
Commission: 0.60%

Basis: As Principal

Agent(s): MUFG Securities Americas Inc.  
RBC Capital Markets, LLC  
Scotia Capital (USA) Inc.  
U.S. Bancorp Investments, Inc.  
PNC Capital Markets LLC  
J.P. Morgan Securities LLC  
KeyBanc Capital Markets Inc.  
Mizuho Securities USA LLC  
Regions Securities LLC  
SunTrust Robinson Humphrey, Inc.  
ICBC Standard Bank Plc

Book-Entry

Form of Note:  
(Book-Entry or  
Certificated)

Denominations: \$2,000 x \$1,000

Other Terms: None

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Additional Selling Restrictions:

Any underwriter that is not a U.S. registered broker-dealer with the SEC will only make sales of notes in the United States through one or more SEC-registered broker-dealers in compliance with the applicable U.S. securities laws and regulations and the rules of the Financial Industry Regulatory Authority, Inc.

ICBC Standard Bank Plc may not underwrite, subscribe, agree to purchase or procure purchasers to purchase notes that are offered or sold in the United States. Notwithstanding anything to the contrary in the underwriting agreement, ICBC Standard Bank shall not be obligated to, and shall not, underwrite, subscribe, agree to purchase or procure purchasers to purchase notes that may be offered or sold by other underwriters or joint bookrunners in the United States. ICBC Standard Bank Plc shall offer and sell notes constituting part of its allotment solely outside the United States.”

Notice to Prospective Investors in Canada

The notes may be sold in Canada only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the notes must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus supplement (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser’s province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser’s province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts (NI 33-105), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

Notice to Prospective Investors in Switzerland

The notes may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange (“SIX”) or on any other stock exchange or regulated trading facility in Switzerland. This prospectus supplement and the accompanying prospectus have been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this prospectus supplement and the accompanying prospectus nor any other offering or marketing material relating to the notes or the offering may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this prospectus supplement and the accompanying prospectus nor any other offering or marketing material relating to the offering, the Company, the notes have been or will be filed with or approved by any Swiss regulatory authority. In particular, this prospectus supplement and the accompanying prospectus will not be filed with, and the offer of notes will not be supervised by, the Swiss Financial Market Supervisory Authority FINMA (“FINMA”), and the offer of the notes has not been and will not be authorized under the Swiss Federal Act on Collective Investment Schemes (“CISA”). The investor protection afforded to acquirers of interests in collective investment schemes under the

CISA does not extend to acquirers of the notes.

Notice to Prospective Investors in Hong Kong

The notes have not been offered and will not be offered or sold in Hong Kong by means of any document other than (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies (Winding Up and Miscellaneous Provisions) Ordinance (Cap. 32, Laws of Hong Kong), (ii) to ‘professional investors’ within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder or (iii) in other circumstances which do not result in the document being a ‘prospectus’ within the meaning of the Companies (Winding Up and Miscellaneous Provisions) Ordinance (Cap. 32, Laws of Hong Kong) and no advertisement, invitation or document relating to the notes may be issued or has been or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong

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Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to notes which are or are intended to be disposed of only to persons outside Hong Kong or only to “professional investors” within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

#### Notice to Prospective Investors in Singapore

This prospectus supplement and the accompanying prospectus have not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus supplement and the accompanying prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the notes may not be circulated or distributed, nor may the notes be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor (as defined in Section 4A of the Securities and Futures Act, Chapter 289 of Singapore (the “SFA”)) pursuant to Section 274 of the SFA, (ii) to a relevant person (as defined in Section 275(2) of the SFA) pursuant to Section 275(1) of the SFA or any person pursuant to an offer referred to in Section 275(1A) of the SFA and in accordance with the conditions specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the notes are subscribed or purchased under Section 275 of the SFA by a “relevant person,” which is: (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor, shares, debentures and units of shares and debentures of that corporation and the beneficiaries’ rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the notes pursuant to an offer made under Section 275 of the SFA except:

- to an institutional investor, a relevant person (as defined in Section 275(2) of the SFA), or any person pursuant to an offer referred to in Section 275(1A) of the SFA (in the case of that corporation) or Section 276(4)(i)(B) of the SFA (in the case of that trust);
- where no consideration is or will be given for the transfer; or
- where the transfer is by operation of law.

#### Notice to Prospective Investors in Japan

The notes have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948, as amended) (the “Financial Instruments and Exchange Law”), and the notes have not been offered or sold and will not be offered or sold, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan (which term as used herein means any person resident in Japan, including any corporation or other entity organized under the laws of Japan), or to others for re-offering or resale, directly or indirectly, in Japan or to a resident of Japan, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the Financial Instruments and Exchange Law and any other applicable laws, regulations and guidelines promulgated by the relevant Japanese governmental and regulatory authorities and in effect at the relevant time.

Note: A securities rating is not a recommendation to buy, sell, or hold securities and may be subject to revision or withdrawal at any time.

The issuer has filed a registration statement (including a prospectus) with the U.S. Securities and Exchange Commission (SEC) for this offering. Before you invest, you should read the prospectus for this offering in that

registration statement, and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by searching the SEC online database (EDGAR®) at [www.sec.gov](http://www.sec.gov). Alternatively, you may obtain a copy of the prospectus from MUFG Securities Americas, Inc. by calling toll-free at 1-877-649-6848, RBC Capital Markets, LLC by calling toll-free at 1-866-375-6829, Scotia Capital (USA) Inc. by calling toll-free at 1-800-372-3930 or U.S. Bancorp Investments, Inc. by calling toll-free at 1-877-558-2607.