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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 6-K**

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**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 or 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

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**For the month of October, 2016**

**Commission File Number: 001-14946**

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**CEMEX, S.A.B. de C.V.**

(Translation of Registrant's name into English)

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**Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre  
Garza García, Nuevo León, México 66265**  
(Address of principal executive office)

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Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F       Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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## Contents

1. Press release, dated October 28, 2016, announcing expiration and final settlement of CEMEX, S.A.B. de C.V.'s ("CEMEX") (NYSE: CX) tender offer for 7.250% Senior Secured Notes due 2021 issued by CEMEX.

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.  
(Registrant)

Date: October 28, 2016

By: /s/ Rafael Garza  
Name: Rafael Garza  
Title: Chief Comptroller

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**EXHIBIT INDEX**

EXHIBIT NO.

DESCRIPTION

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1.

Press release, dated October 28, 2016, announcing expiration and final settlement of CEMEX, S.A.B. de C.V.'s ("CEMEX") (NYSE: CX) tender offer for 7.250% Senior Secured Notes due 2021 issued by CEMEX.

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**Building a better future**

**CEMEX ANNOUNCES EXPIRATION AND FINAL SETTLEMENT OF  
 ITS TENDER OFFER FOR 7.250% SENIOR SECURED NOTES DUE 2021**

**MONTERREY, MEXICO, OCTOBER 28, 2016** – CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) announced today the expiration of its previously announced cash tender offer (the “Tender Offer”) to purchase up to U.S.\$500 million of the 7.250% Senior Secured Notes due 2021 issued by CEMEX (the “Notes”). The Tender Offer expired at 11:59 p.m., New York City time, on October 27, 2016 (the “Expiration Date”). CEMEX has been advised by the tender agent that as of the Expiration Date, a total of U.S.\$241,892,000 of the Notes had been validly tendered in the Tender Offer, including U.S.\$241,692,000 of validly tendered Notes purchased by CEMEX on the early settlement date of October 19, 2016. CEMEX intends to accept all U.S.\$200,000 additional Notes validly tendered since 8:00 a.m., New York City time, on October 14, 2016 (the “Early Tender Date”) and at or prior to the Expiration Date. Following completion of the Tender Offer, U.S.\$758,108,000 principal amount of the Notes are expected to remain outstanding (including U.S.\$31,382,000 aggregate principal amount of Notes held by CEMEX).

Holders of the additional Notes that validly tendered after the Early Tender Date and at or prior to the Expiration Date are entitled to receive U.S.\$1,045.00 per U.S.\$1,000 principal amount of the Notes accepted for purchase. The final settlement date on which CEMEX will make payment for such additional Notes is expected to be November 1, 2016 (the “Final Settlement Date”). Holders will also receive accrued and unpaid interest on such additional Notes from the last interest payment date to, but not including, the Final Settlement Date.

BNP Paribas Securities Corp. and Credit Agricole Securities (USA) Inc. acted as Dealer Managers for the Tender Offer. Global Bondholder Services Corporation acted as Information Agent and Tender Agent for the Tender Offer.

This release is neither an offer to purchase nor a solicitation of an offer to sell or buy any securities in any transaction. The Tender Offer was made pursuant to an offer to purchase and related letter of transmittal, copies of which were delivered to holders of the Notes, and which set forth the complete terms and conditions of the Tender Offer.

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*This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties, and assumptions. No assurance can be given that the transactions described herein will be consummated or as to the ultimate terms of any such transactions. CEMEX assumes no obligation to update or correct the information contained in this press release.*