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

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**FORM 6-K**

**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, 2013

Commission File Number: 001-14946

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

(Translation of Registrant's name into English)

Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre  
Garza García, Nuevo León, México 66265

(Address of principal executive office)

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 24, 2013, announcing expiration of tender offer for 9.625% Senior Secured Notes due 2017 issued by CEMEX Finance LLC.

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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.

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

Date: October 24, 2013

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

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**EXHIBIT INDEX**

EXHIBIT NO.

DESCRIPTION

1. Press release, dated October 24, 2013, announcing expiration of tender offer for 9.625% Senior Secured Notes due 2017 issued by CEMEX Finance LLC.

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**CEMEX ANNOUNCES EXPIRATION OF ITS TENDER OFFER  
FOR 9.625% NOTES DUE 2017**

**MONTERREY, MEXICO, OCTOBER 24, 2013** – CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) announced today the expiration of its previously announced cash tender offer to purchase up to €220 million of the 9.625% Senior Secured Notes due 2017 (the “2017 Notes”) issued by CEMEX Finance LLC. The tender offer expired at 11:59 p.m., New York City time, on October 23, 2013 (the “Expiration Date”). CEMEX has been advised by the tender agent that as of the Expiration Date, a total of €181,205,000 of 2017 Notes had been tendered in the tender offer, including the €179,405,000 of tendered 2017 Notes purchased by CEMEX on the early settlement date of October 10, 2013. CEMEX intends to accept all such validly tendered 2017 Notes for purchase. As a result, €168,795,000 principal amount of 2017 Notes are expected to remain outstanding.

Holders of 2017 Notes that validly tendered after 5:00 p.m., New York City time, on October 8, 2013 and at or prior to the Expiration Date are entitled to receive €1,033.50 per €1,000 principal amount of 2017 Notes accepted for purchase. The final settlement date on which CEMEX will make payment for such 2017 Notes is expected to be October 25, 2013 (the “Final Settlement Date”). Holders will also receive accrued and unpaid interest on such 2017 Notes from the last interest payment date to, but not including, the Final Settlement Date.

Merrill Lynch, Pierce, Fenner & Smith Incorporated and Citigroup Global Markets Inc. acted as Dealer Managers for the tender offer. D.F. King (Europe) Limited acted as Information Agent and Tender Agent for the tender offer.

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This release is neither an offer to purchase nor a solicitation of an offer to sell any securities of CEMEX in any transaction. The tender offer was made pursuant to an offer to purchase, copies of which were delivered to holders of the 2017 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.*