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

FORM 6-K

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

For the month of August, 2016

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
San Pedro Garza García, Nuevo León, México 66265
(Address of principal executive offices)

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):

Contents

1. Press release of CEMEX, S.A.B. de C.V. (NYSE: CX), dated August 29, 2016, announcing that it has reached an agreement with Grupo Cementos de Chihuahua, S.A.B. de C.V. ("GCC") on the terms and conditions regarding the sale to GCC of certain assets in the U.S. originally announced on May 2, 2016.

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: August 29, 2016

By: /s/ Rafael Garza

Name: Rafael Garza

Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT
NO.

DESCRIPTION

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CEMEX AND GCC AGREE ON TERMS AND CONDITIONS FOR SALE OF CERTAIN U.S. ASSETS

- Transaction subject to customary closing conditions

MONTERREY, MEXICO, AUGUST 29, 2016 – CEMEX, S.A.B. de C.V. (“CEMEX”) (NYSE: CX) announced today that it has reached an agreement with Grupo Cementos de Chihuahua, S.A.B. de C.V. (“GCC”) on the terms and conditions regarding the sale to GCC of certain assets in the U.S. originally announced on May 2, 2016.

The assets being sold by an affiliate of CEMEX to an affiliate of GCC in the U.S. have changed and mainly consist of CEMEX’s cement plant in Odessa, Texas, two cement terminals and the building materials business in El Paso, Texas and Las Cruces, New Mexico. CEMEX’s cement plant in Lyons, Colorado and cement terminal in Florence, Colorado are no longer part of the assets being sold to GCC. Upon closing of this transaction GCC will pay CEMEX U.S.\$306 million.

Closing of this transaction is subject to customary closing conditions, which include the satisfaction of various conditions precedent, consisting mainly of approvals from the United States competition authorities and GCC’s shareholders, among others, as well as GCC obtaining financing to purchase the assets. We currently expect to finalize this transaction before the end of 2016.

Citigroup is acting as financial advisor to CEMEX in this transaction.

CEMEX is a global building materials company that provides high quality products and reliable service to customers and communities in more than 50 countries. Celebrating its 110th anniversary, CEMEX has a rich history of improving the well-being of those it serves through innovative building solutions, efficiency advancements, and efforts to promote a sustainable future.

For more information on CEMEX, please visit: www.cemex.com

For more information on GCC, please visit: www.gcc.com

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This press release contains forward-looking statements and information that are necessarily subject to risks, uncertainties, and assumptions. Many factors could cause the actual results, performance, or achievements of CEMEX or the transaction herein described to be materially different from those expressed or implied in this release, including not satisfying all customary closing conditions. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein. CEMEX assumes no obligation to update or correct the information contained in this press release. CEMEX is not responsible for the content of any third-party website or webpage referenced to or accessible through this press release.