

TELEFONOS DE MEXICO S A B DE C V

Form 6-K

November 17, 2010

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of

the Securities Exchange Act of 1934

For the month of **November 2010**

Commission File Number: 333-13580

TELÉFONOS DE MÉXICO, S.A.B. DE C.V.

(Exact Name of the Registrant as Specified in the Charter)

Telephones of Mexico

(Translation of Registrant's Name into English)

Parque Vía 190

Colonia Cuauhtémoc

México City 06599, México, D.F.

(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): _____

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No... ..

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

TELMEX REDUCES ITS LEVEL OF INDEBTEDNESS

Mexico City, November 16, 2010. Teléfonos de México, S.A.B. de C.V. (TELMEX) (BMV: TELMEX; NYSE: TMX; NASDAQ: TFONY; LATIBEX: XTMXL) announced today that as part of the strategy to reduce its debt, it made the prepayment of tranche B of the syndicated loan for the amount of 1.0 billion dollars, which was carried out on August 11, 2006, and whose original maturity was scheduled for October 20, 2011. Of this amount, TELMEX used \$300 million dollars of its own resources and the rest was refinanced. With actions like these, TELMEX confirms its commitment to maintain a solid financial structure and comply with its contractual obligations.

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TELMEX is a corporation made up of Teléfonos de México, S.A.B. de C.V., and its subsidiaries that provides telecommunications services in Mexico. The company's service coverage comprises the operation of the nation's most complete local and long distance networks. Additionally, TELMEX offers services like connectivity, Internet access, co-location, web hosting and interconnection services to other telecommunications operators. More information about TELMEX can be accessed on the Internet at www.telmex.com

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: **November 16, 2010.**

TELÉFONOS DE MÉXICO, S.A.B. DE C.V.

By: /s/_____

Name: Adolfo Cerezo Pérez
Title: Chief Financial Officer

Ref: TELÉFONOS DE MÉXICO, S.A.B. DE C.V. - **PRESS RELEASE: TELMEX REDUCES ITS LEVEL OF INDEBTEDNESS**