

TELEFONOS DE MEXICO S A B DE C V

Form 6-K

December 27, 2010

TELMEX BUYBACK FROM DECEMBER 20 TO DECEMBER 24, 2010, DECEMBER 27, 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 December 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-

TELEFONOS DE MEXICO, S.A.B. DE C.V.

December 24, 2010

COPY OF INFORMATION SENT TO:

Bolsa Mexicana de Valores, S.A.B de C.V. And

National Banking and Securities Commission

Through the electronic system "EMISNET"

Re: Purchase of Shares of Telefonos de Mexico, S.A.B. de C.V.

On behalf of Telefonos de Mexico, S.A.B. de C.V. ("Telmex"), and in accordance with the resolutions adopted to such effect by the Board of Directors of Telmex at a meeting held on **February 11, 2009** and at the general meetings of shareholders on **March 3, 2009**, this is to inform you that, pursuant to the terms of Article 56 of the Securities Exchange Law and the applicable provisions of "Circular Unica de Emisoras" issued by the National Banking and Securities Commission, Telmex on **December 24, 2010** acquired through market value purchases on the Bolsa Mexicana de Valores, S.A.B. de C.V. **156,000 class "L"** shares of Telmex at an aggregate price of **P.1,544,400.00**.

This purchase was effected through Inversora Bursatil, S.A. de C.V., Casa de Bolsa Grupo Financiero Inbursa.

Sincerely,

Adolfo Cerezo Perez

December 24, 2010

Chief Financial Officer

TELEFONOS DE MEXICO, S.A.B. DE C.V.

December 23, 2010

COPY OF INFORMATION SENT TO:

Bolsa Mexicana de Valores, S.A.B de C.V. And

National Banking and Securities Commission

Through the electronic system "EMISNET"

Re: Purchase of Shares of Telefonos de Mexico, S.A.B. de C.V.

On behalf of Telefonos de Mexico, S.A.B. de C.V. ("Telmex"), and in accordance with the resolutions adopted to such effect by the Board of Directors of Telmex at a meeting held on **February 11, 2009** and at the general meetings of shareholders on **March 3, 2009**, this is to inform you that, pursuant to the terms of Article 56 of the Securities Exchange Law and the applicable provisions of "Circular Unica de Emisoras" issued by the National Banking and Securities Commission, Telmex on **December 23, 2010** acquired through market value purchases on the Bolsa Mexicana de Valores, S.A.B. de C.V. **2,000,000 class "L"** shares of Telmex at an aggregate price of **P.19,762,253.00**.

This purchase was effected through Inversora Bursatil, S.A. de C.V., Casa de Bolsa Grupo Financiero Inbursa.

Sincerely,

Adolfo Cerezo Perez

Chief Financial Officer

December 23, 2010

TELEFONOS DE MEXICO, S.A.B. DE C.V.

December 22, 2010

COPY OF INFORMATION SENT TO:

Bolsa Mexicana de Valores, S.A.B de C.V. And

National Banking and Securities Commission

Through the electronic system "EMISNET"

Re: Purchase of Shares of Telefonos de Mexico, S.A.B. de C.V.

On behalf of Telefonos de Mexico, S.A.B. de C.V. ("Telmex"), and in accordance with the resolutions adopted to such effect by the Board of Directors of Telmex at a meeting held on **February 11, 2009** and at the general meetings of shareholders on **March 3, 2009**, this is to inform you that, pursuant to the terms of Article 56 of the Securities Exchange Law and the applicable provisions of "Circular Unica de Emisoras" issued by the National Banking and Securities Commission, Telmex on **December 22, 2010** acquired through market value purchases on the Bolsa Mexicana de Valores, S.A.B. de C.V. **2,000,000 class "L"** shares of Telmex at an aggregate price of **P.19,742,719.00**.

This purchase was effected through Inversora Bursatil, S.A. de C.V., Casa de Bolsa Grupo Financiero Inbursa.

Sincerely,

Adolfo Cerezo Perez

Chief Financial Officer

TELEFONOS DE MEXICO, S.A.B. DE C.V.

December 21, 2010

COPY OF INFORMATION SENT TO:

Bolsa Mexicana de Valores, S.A.B de C.V. And

December 21, 2010

National Banking and Securities Commission

Through the electronic system "EMISNET"

Re: Purchase of Shares of Telefonos de Mexico, S.A.B. de C.V.

On behalf of Telefonos de Mexico, S.A.B. de C.V. ("Telmex"), and in accordance with the resolutions adopted to such effect by the Board of Directors of Telmex at a meeting held on **February 11, 2009** and at the general meetings of shareholders on **March 3, 2009**, this is to inform you that, pursuant to the terms of Article 56 of the Securities Exchange Law and the applicable provisions of "Circular Unica de Emisoras" issued by the National Banking and Securities Commission, Telmex on **December 21, 2010** acquired through market value purchases on the Bolsa Mexicana de Valores, S.A.B. de C.V. **2,000,000 class "L"** shares of Telmex at an aggregate price of **P.19,651,554.00**.

This purchase was effected through Inversora Bursatil, S.A. de C.V., Casa de Bolsa Grupo Financiero Inbursa.

Sincerely,

Adolfo Cerezo Perez

Chief Financial Officer

TELEFONOS DE MEXICO, S.A.B. DE C.V.

December 20, 2010

COPY OF INFORMATION SENT TO:

Bolsa Mexicana de Valores, S.A.B de C.V. And

National Banking and Securities Commission

Through the electronic system "EMISNET"

Re: Purchase of Shares of Telefonos de Mexico, S.A.B. de C.V.

On behalf of Telefonos de Mexico, S.A.B. de C.V. ("Telmex"), and in accordance with the resolutions adopted to such effect by the Board of Directors of Telmex at a meeting held on **February 11, 2009** and at the general meetings of shareholders on **March 3, 2009**, this is to inform you that, pursuant to the terms of Article 56 of the Securities Exchange Law and the applicable provisions of "Circular Unica de Emisoras" issued by the National Banking and Securities Commission, Telmex on **December 20, 2010** acquired through market value purchases on the Bolsa Mexicana de Valores, S.A.B. de C.V. **2,000,000 class "L"** shares of Telmex at an aggregate price of **P.19,747,391.00**.

This purchase was effected through Inversora Bursatil, S.A. de C.V., Casa de Bolsa Grupo Financiero Inbursa.

Sincerely,

Adolfo Cerezo Perez

Chief Financial Officer

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: December 27, 2010.	TELÉFONOS DE MÉXICO, S.A.B. DE C.V.
	By: _____
	Name: Adolfo Cerezo Pérez
	Title: Chief Financial Officer

Ref: **Teléfonos de México, S.A.B. de C.V. Buyback from December 20 to December 24, 2010.**