

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

SCHEDULE TO

**TENDER OFFER STATEMENT
UNDER SECTION 14(d)(1) OR 13(e)(1)
OF THE SECURITIES EXCHANGE ACT OF 1934**

CHICAGO MERCANTILE EXCHANGE HOLDINGS INC.

(Name of Subject Company (Issuer))

CHICAGO MERCANTILE EXCHANGE HOLDINGS INC.

(Issuer)

(Name of Filing Person (Identifying Status as Offeror, Issuer or Other Person))

**Class A Common Stock, \$0.01 par value per
share (including rights to acquire Series A
Junior Participating Preferred Stock
pursuant to our rights plan)**
(Title of Class of Securities)

167760107

(CUSIP Number of Class of Securities)

Kathleen M. Cronin, Esq.
Managing Director, General Counsel and Corporate Secretary
Chicago Mercantile Exchange Holdings Inc.
20 South Wacker Drive
Chicago, Illinois 60606
(312) 930-1000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of Filing Persons)

Copies to:

Rodd M. Schreiber, Esq.
Susan S. Hassan, Esq.
Skadden, Arps, Slate, Meagher & Flom LLP
333 West Wacker Drive
Chicago, Illinois 60606
Telephone: (312) 407-0700

CALCULATION OF FILING FEE

Transaction Valuation	Amount of Filing Fee
Not applicable*	Not applicable*

* A filing fee is not required in connection with this filing as it relates solely to preliminary communications made before the commencement of a tender offer.

Check box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid.

Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

Amount Previously Paid: Not applicable.
Form or Registration No.: Not applicable.

Filing party: Not applicable.
Date Filed: Not applicable.

Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- Third-party tender offer subject to Rule 14d-1.
- Issuer tender offer subject to Rule 13e-4.
- Going-private transaction subject to Rule 13e-3.
- Amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer:

SCHEDULE TO

This Tender Offer Statement on Schedule TO relates to pre-commencement communications in connection with the planned tender offer by Chicago Mercantile Exchange Holdings Inc., a Delaware corporation (“CME Holdings”), to purchase 6,250,000 shares of its Class A Common Stock, \$0.01 par value per share (the “Shares”), or such lesser number of Shares as is properly tendered and not properly withdrawn, at a price of \$560.00 per Share, without interest, subject to and following the closing of the proposed merger (the “Merger”) of CBOT Holdings, Inc., a Delaware corporation (“CBOT Holdings”), with and into CME Holdings. The tender offer will be made only if the Merger is consummated. Subject to and following the closing of the Merger, CME will change its name to “CME Group Inc.” but will continue to trade on the New York Stock Exchange and the Nasdaq Global Select Market under the ticker symbol “CME”. This Schedule TO is intended to satisfy the reporting requirements of Rule 13e-4(c)(1) of the Securities Exchange Act of 1934, as amended.

Item 12. Exhibits.

Exhibit Number	Description
(a)(5)(i)	Press Release issued jointly by Chicago Mercantile Exchange Holdings Inc. and CBOT Holdings, Inc., issued July 6, 2007 (incorporated by reference to the filing by Chicago Mercantile Exchange Holdings Inc. pursuant to Rule 425 on a Current Report on Form 8-K filed on July 6, 2007).
(a)(5)(ii)	Letter to Members, dated July 6, 2007, of Chicago Mercantile Exchange Holdings Inc. (incorporated by reference to the filing by Chicago Mercantile Exchange Holdings Inc. pursuant to Rule 425 on July 6, 2007).
(a)(5)(iii)	Employee Letter, dated July 6, 2007, of Chicago Mercantile Exchange Holdings Inc. (incorporated by reference to the filing by Chicago Mercantile Exchange Holdings Inc. pursuant to Rule 425 on July 6, 2007).
(a)(5)(iv)	Prepared Remarks for the Analyst Call of Chicago Mercantile Exchange Holdings Held July 6, 2007 (incorporated by reference to the filing by Chicago Mercantile Exchange Holdings Inc. pursuant to Rule 425 on July 6, 2007).

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