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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): February 20, 2014

Applied Materials, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation)

000-06920
(Commission File Number)

94-1655526
(IRS Employer Identification No.)

3050 Bowers Avenue
P.O. Box 58039 Santa Clara, CA
(Address of principal executive offices)

95052-8039
(Zip Code)

Registrant's telephone number, including area code: (408) 727-5555

N/A
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-
-

Item 7.01 Regulation FD Disclosure.

On February 20, 2014, TEL-Applied Holdings B.V., a Dutch private limited liability corporation (“Holdco”), filed with the Securities and Exchange Commission (the “SEC”) a registration statement on Form S-4 (the “Form S-4”) in connection with the proposed business combination between Applied Materials, Inc. (“Applied Materials”) and Tokyo Electron Limited (“Tokyo Electron”). The Form S-4, which constitutes a preliminary prospectus of Holdco, includes a preliminary proxy statement of Applied Materials. The Form S-4 has not yet been declared effective by the SEC. The Form S-4 is available on the SEC’s EDGAR system, and may be accessed at www.sec.gov.

No Offer or Solicitation

This announcement is for informational purposes only and is neither an offer to purchase, nor a solicitation of an offer to sell, subscribe for or buy any securities or the solicitation of any vote in any jurisdiction pursuant to the proposed transactions or otherwise, nor shall there be any sale, issuance or transfer of securities in any jurisdiction in contravention of applicable law. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended, and applicable regulations in the Netherlands and Japan.

Additional Information and Where to Find It

Holdco has filed with the SEC a registration statement on Form S-4 (the “Registration Statement”), which includes a preliminary prospectus with respect to HoldCo’s ordinary shares to be issued in the proposed business combination between Applied Materials and Tokyo Electron (the “Business Combination”) and a preliminary proxy statement of Applied Materials in connection with the Business Combination. Applied Materials and Tokyo Electron plan to mail to their respective stockholders or shareholders, as applicable, the definitive prospectus with respect to HoldCo’s ordinary shares to be issued in the Business Combination and, with respect to Applied Materials stockholders, the definitive proxy statement of Applied Materials in connection with the Business Combination. SECURITY HOLDERS ARE URGED AND ADVISED TO READ THE DEFINITIVE PROSPECTUS AND DEFINITIVE PROXY STATEMENT CAREFULLY WHEN THEY BECOME AVAILABLE BECAUSE THEY CONTAIN OR WILL CONTAIN IMPORTANT INFORMATION ABOUT APPLIED MATERIALS, TOKYO ELECTRON, HOLDCO, THE BUSINESS COMBINATION AND RELATED MATTERS. Investors and security holders may obtain free copies of the Registration Statement, the definitive prospectus and the definitive proxy statement (when they become available) and other relevant materials and any other documents filed by Applied Materials, HoldCo or Tokyo Electron with the SEC free of charge at the SEC’s web site at www.sec.gov. In addition, security holders may obtain free copies of the Registration Statement and other documents filed with the SEC from Applied Materials or Tokyo Electron by contacting either (1) Investor Relations by mail at Applied Materials, Inc., 3050 Bowers Avenue M/S 1261, P.O. Box 58039, Santa Clara, CA 95054-3299, Attn: Investor Relations Department, by telephone at 408-748-5227, or by going to Applied Materials’ Investor Relations page on its corporate web site at www.appliedmaterials.com or (2) for media inquiries: Tokyo Electron’s Public Relations Group, by mail at Tokyo Electron Limited, Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, by telephone at +81-3-5561-7004, or by email at telpr@tel.com; and for analyst inquiries: Tokyo Electron’s Investor Relations Group, by mail at Tokyo Electron Limited, Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, by telephone at +81-3-5561-7004, or by email at telpr@tel.com, or by going to Tokyo Electron’s Investor Relations page on its corporate web site at www.tel.co.jp.

Participants in the Solicitation

Applied Materials, Tokyo Electron, HoldCo and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from Applied Materials’ stockholders in connection with the proposed Business Combination. Information about Applied Materials’ directors and executive officers is set forth in Applied Materials’ Proxy Statement on Schedule 14A for its 2014 Annual Meeting of Stockholders, which was filed with the SEC on January 21, 2014, and its Annual Report on Form 10-K for the fiscal year ended October 27, 2013, which was filed with the SEC on December 4, 2013. These documents are available free of charge at the SEC’s web site at www.sec.gov, and from Applied Materials by contacting Investor Relations by mail at Applied Materials, Inc., 3050 Bowers Avenue M/S 1261, P.O. Box 58039, Santa Clara, CA 95054-3299, Attn: Investor Relations Department, or by going to Applied Materials’ Investor Relations page on its corporate web site at www.appliedmaterials.com. Additional information regarding the interests of participants in the solicitation of proxies in connection with the proposed Business Combination is included in the Registration Statement and will be contained in the definitive proxy statement and other relevant materials to be filed with the SEC when they become available.

SIGNATURES

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 hereunto duly authorized.

Applied Materials, Inc.

Date: February 20, 2014

By: /s/ Thomas F. Larkins
Thomas F. Larkins
*Senior Vice President, General Counsel
and Corporate Secretary*