



**Item 1.01 Entry into a Material Definitive Agreement**

On September 19, 2007, Alexandria Real Estate Equities, Inc. (the Company) entered into an underwriting agreement with Citigroup Global Markets Inc. and Merrill Lynch & Co. (the Underwriters) in connection with the sale of 2,000,000 shares of the Company's common stock to the Underwriters. The shares are being offered at \$96.00 per share, and the Underwriters expect to deliver the shares to the purchasers on or about September 25, 2007. The Company has granted the Underwriters a thirty-day option to purchase up to 300,000 additional shares of its common stock to cover over-allotments, if any. All shares will be offered by the Company pursuant to an effective shelf registration statement on Form S-3 on file with the Securities and Exchange Commission.

**Item 8.01 Other Events**

On September 19, 2007, the Company announced that it had agreed to sell 2,000,000 shares of its common stock in a follow-on public offering. Citigroup Global Markets Inc. and Merrill Lynch & Co. are acting as joint bookrunning managers in connection with the offering. The Company has granted the underwriters a thirty-day option to purchase up to 300,000 additional shares to cover over-allotments, if any. The offering is expected to close on Tuesday, September 25, 2007, subject to customary closing conditions.

**Item 9.01**

**Financial Statements and Exhibits**

(d) Exhibits

1.1	Underwriting Agreement, dated September 19, 2007, between Alexandria Real Estate Equities, Inc. and Citigroup Global Markets Inc. and Merrill Lynch & Co., as representatives of the several Underwriters named therein.
8.1	Tax Opinion of Morrison & Foerster LLP.
23.1	Consent of Morrison & Foerster LLP (included in opinion filed as Exhibit 8.1).
99.1	Press Release, dated September 19, 2007.

**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.

ALEXANDRIA REAL ESTATE EQUITIES, INC.

Date: September 21, 2007

By: /s/ Dean A. Shigenaga  
Dean A. Shigenaga  
Chief Financial Officer

3

---