
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, DC 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): December 31, 2008

Luna Innovations Incorporated

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

000-52008
(Commission File Number)

54-1560050
(IRS Employer
Identification No.)

1 Riverside Circle, Suite 400
Roanoke, Virginia 24016
(Address of principal executive offices, including zip code)

540-769-8400
(Registrant's telephone number, including area code)

(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 (see General Instruction A.2. below):

- 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))
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Item 1.01. Entry into a Material Definitive Agreement.

Effective as of December 31, 2008, Luna Innovations Incorporated and its subsidiary, Luna Technologies, Inc., entered into a First Amendment to Loan and Security Agreement with Silicon Valley Bank (the “**Amendment**”).

The Amendment adjusts interest rates under an existing revolving line of credit and term loan with Silicon Valley Bank (the “**Credit Facility**”), revises certain minimum EBITDA covenants under the Credit Facility and adds intellectual property to the assets securing the Credit Facility. The new interest rate on the revolving line of credit is prime plus 1%, with a minimum rate of 5%. The new interest rate on the term loan is prime plus 1.5%, with a minimum rate of 5.5%.

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.

Luna Innovations Incorporated

By: /s/ Talfourd H. Kemper, Jr.
Talfourd H. Kemper, Jr.
Vice President and General Counsel

Date: December 31, 2008