

- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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ITEM 2.02 - RESULTS OF OPERATIONS AND FINANCIAL CONDITION

On December 8, 2016, Ciena Corporation ("Ciena") issued a press release announcing its financial results for its fourth quarter ended October 31, 2016. The text of the press release is furnished as Exhibit 99.1 to this Report. The information in this Report shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, and shall not be incorporated by reference into any registration statement pursuant to the Securities Act of 1933, as amended.

As discussed in the press release above, Ciena will be hosting an investor call to discuss its results of operations for its fourth quarter ended October 31, 2016. Ciena is making available on its corporate website at www.ciena.com/investors an investor presentation to accompany this call. This presentation includes certain highlighted items from the fourth quarter ended October 31, 2016 to be discussed on the call and certain historical results.

Investors are encouraged to review the "Investors" page of our website at www.ciena.com because, as with the other disclosure channels that we use, from time to time we may post material information exclusively on that site.

ITEM 9.01 - FINANCIAL STATEMENTS AND EXHIBITS

(d) The following exhibit is being filed herewith:

| Exhibit Number | Description of Document |
|----------------|--|
| Exhibit 99.1 | Text of Press Release dated December 8, 2016, issued by Ciena Corporation, reporting its results of operations for its fourth fiscal quarter ended October 31, 2016. |

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 thereunto duly authorized.

Ciena Corporation

Date: December 8, 2016 By: /S/ David M. Rothenstein
David M. Rothenstein
Senior Vice President, General Counsel and Secretary