

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): June 14, 2013

HORIZON TECHNOLOGY FINANCE CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

814-00802
(Commission File Number)

27-2114934
(I.R.S. Employer Identification No.)

312 Farmington Avenue
Farmington, CT 06032

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: **(860) 676-8654**

Check the appropriate box below if the Form 8-K 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))
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Section 5 Corporate Governance and Management
Item 5.07 Submission of Matters to a Vote of Security Holders.

Annual Meeting Results

On June 14, 2013, Horizon Technology Finance Corporation (the “Company”) held its annual meeting of stockholders (the “Annual Meeting”). At the Annual Meeting, the Company’s stockholders approved two proposals. The proposals are described in detail in the Company’s definitive proxy statement for the Annual Meeting as filed with the Securities and Exchange Commission on April 24, 2013 (the “Annual Proxy Statement”). As of April 16, 2013, the record date for the Annual Meeting, 9,578,312 shares of common stock were eligible to vote.

Proposal 1. The Company’s stockholders elected two Class III directors of the Company, each of whom will serve until the 2016 Annual Meeting, or until his or her successor is duly elected and qualified or until his or her earlier resignation, removal from office, death or incapacity. The two directors were elected pursuant to the voting results set forth below:

| | <u>For</u> | <u>Withheld</u> | <u>Broker Non-Votes</u> |
|-------------------------|------------|-----------------|-----------------------------|
| Christopher B. Woodward | 4,045,493 | 391,420 | 4,354,765 |
| Robert D. Pomeroy, Jr. | 4,038,056 | 398,857 | 4,354,765 |

Proposal 2. The Company’s stockholders ratified the selection of McGladrey LLP to serve as the Company’s independent registered public accounting firm for the fiscal year ending December 31, 2013, as set forth below:

| | <u>For</u> | <u>Against</u> | <u>Abstain</u> |
|--|------------|----------------|----------------|
| | 8,719,013 | 37,474 | 35,191 |

SIGNATURE

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.

Date: June 14, 2013

HORIZON TECHNOLOGY FINANCE CORPORATION

By: /s/ Robert D. Pomeroy, Jr.
Robert D. Pomeroy, Jr.
*Chief Executive Officer and
Chairman of the Board*
