UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934

Filed by the Registrant ☒
Filed by a Party other than the Registrant ☐

Check the appropriate box:

☐ Preliminary Proxy Statement

☐ Confidential, for Use of the SEC Only (As Permitted by Rule 14a-6(e)(2))

☐ Definitive Proxy Statement

☒ Definitive Additional Materials

☐ Soliciting Material Pursuant to § 240.14a-12

NRX PHARMACEUTICALS, INC.

(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

☒ No fee required.

☐ Fee paid previously with preliminary materials.

☐ Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11.

2026

You May Vote Your Proxy When You View The Material On The Internet. You Will Be Asked To Follow The Prompts To Vote Your Shares.

NRX PHARMACEUTICALS, INC.
c/o Continental Proxy Services
1 State Street, New York NY 10004

NRx Pharmaceuticals, Inc.
1201 Orange Street, Suite 600
Wilmington, Delaware 19801

NOTICE OF ANNUAL MEETING OF SHAREHOLDERS
to be held on
December 17, 2026

*Shareholders are cordially invited to attend the Annual Meeting and vote in person. At the meeting, you will need to request a ballot to vote your shares.

Dear Shareholder,

The 2026 Annual Meeting of Shareholders of NRx Pharmaceuticals, Inc. will be held at https://www.cstproxy.com/nrxpharma/am2026, on December 17, 2026 at 10:00 AM Eastern Time.

Proposals to be considered at the Annual Meeting:

(1) To consider and act upon a proposal to elect to the Company's Board of Directors Dennis McBride as nominated by the Board of Directors; and

(2) To consider and act upon a proposal to ratify the appointment of Weinberg & Company P.A. as the Company's independent registered public accounting firm for the 2026 fiscal year; ending December 31, 2026.

The Board of Directors recommends a vote "FOR" the nominee under Proposal 1, and "FOR" Proposal 2.

Your electronic vote authorizes the named proxies to vote your shares in the same manner as if you marked, signed, dated, and returned the proxy card.

Vote during the Meeting -
If you plan to attend the virtual online annual meeting, you will need your 12 digit control number to vote electronically during the annual meeting. To attend the annual meeting, visit:
https://www.cstproxy.com/nrxpharma/am2026

Vote Your Proxy on the Internet:
Go to http://www.cstproxyvote.com
Have your notice available when you access the above website. Follow the prompts to vote your shares.

CONTROL NUMBER

The Proxy Materials are available for review at:
https://www.cstproxy.com/nrxpharma/am2026

2026

NRx Pharmaceuticals, Inc.

1201 Orange Street, Suite 600
Wilmington, Delaware 19801

Important Notice Regarding the Availability of Proxy Materials
For the 2026 Annual Meeting of Shareholders to be Held On December 17, 2026

The following Proxy Materials are available to you to review at:
https://www.cstproxy.com/nrxpharma/am2026

- the Company's Annual Report for the year ended December 31, 2025.
- the Company's 2026 Proxy Statement.
- the Proxy Card.
- any amendments to the foregoing materials that are required to be furnished to shareholders

This is not a ballot. You cannot use this notice to vote your shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting.

If you would like to receive a paper or e-mail copy of these documents, you must request one. There is no charge for such documents to be mailed to you. Please make your request for a copy as instructed below on or before December 16, 2026 to facilitate a timely delivery. You may also request that you receive paper copies of all future proxy materials from the Company.

ACCESSING YOUR PROXY MATERIALS ONLINE

Have this notice available when you request a paper copy of the proxy materials or to vote your proxy electronically. You must reference your Control number.

REQUESTING A PAPER COPY OF THE PROXY MATERIALS

By telephone please call 1-888-266-6791, or

By logging on to https://www.cstproxy.com/nrxpharma/am2026 or

By email at: proxy@continentalstock.com

Please include the company name and your control number in the subject line.