FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*  Lehner Keefer McGovern   |  |            |       |   | 2. Issuer Name and Ticker or Trading Symbol  KLX Energy Services Holdings, Inc. [ KLXE ] |   |        |  |                                  |                              |                        |   | (Ched           | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  X Officer (give title Other (specifications) |   |   |   |  |                                       |
|--|--|------------|-------|---|--|---|--------|--|----------------------------------|------------------------------|------------------------|---|-----------------|---|---|---|---|--|---------------------------------------|
| (Last) (First) (Middle) 3040 POST OAK BOULEVARD, 15TH FLOOR  |  |            |       | 3. Date of Earliest Transaction (Month/Day/Year) 02/09/2023 |  |   |        |  |                                  |                              |                        | See Remarks   |                 |   |   |   |   |  |                                       |
| (Street) HOUST(  |  |            |       |   | 4. l   | 4. If Amendment, Date of Original Filed (Month/Day/Year)      |        |  |                                  |                              |                        |   | 6. Ind<br>Line) | ′   |   |   |   |  |                                       |
| (Oity)   | (5   |            | (Zip) | n-Deriv   | /ativ  | ative Securities Acquired, Disposed of, or Beneficially Owned |        |  |                                  |                              |                        |   |                 |   |   |   |   |  |                                       |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)  |  |            |       |   | action   | 2A. Deemed Execution Date,                                    |        | 3. 4. Securit<br>Transaction Disposed<br>Code (Instr. 5) |                                  | ties Acquir<br>I Of (D) (Ins | ed (A)                 | or 5. Amou<br>4 and Securitie<br>Benefici   |                 | unt of 6. es Fo   |   | : Direct<br>r Indirect  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |  |                                       |
|  |  |            |       |   |  |   |        |  | Code                             | v                            | Amount                 | (A) o   | r Pi            | rice  | Reported<br>Transaction(s)<br>(Instr. 3 and 4)      |   | ' '   |  | (Instr. 4)                            |
| Common stock 02/09/2   |  |            |       |   | 9/202  | /2023   |        |  | F                                |                              | 3,412 <sup>(1)</sup> D |   | \$              | 511.89  | 62,132  |   |   | D  |                                       |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |            |       |   |  |   |        |  |                                  |                              |                        |   |                 |   |   |   |   |  |                                       |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | vative Conversion Date Execution Date, urity or Exercise (Month/Day/Year) if any |            |       |   |  | ransaction of Derivative                                      |        | es<br>ed<br>ed<br>nstr.                                  | Expiration Date (Month/Day/Year) |                              |                        | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |                 |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) |   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |            |       |   | Code   | v   | (A)    |  | Date<br>Exercisat                |                              | Expiration<br>Date     | Title   | or              | ount<br>mber<br>ares  |   |   |   |  |                                       |
| Restricted<br>Stock Unit   | (2)  | 02/09/2023 |       |   | A  |   | 30,447 |  | (3)                              |                              | (3)                    | Common<br>Stock   | 30,             | ,447  | \$0.00  | 30,447  | 7   | D  |                                       |

## **Explanation of Responses:**

- 1. Represents securities withheld by the Company as payment of tax liability incident to the vesting of awards previously issued in accordance with Rule 16b-3. The shares withheld by the Company are kept in the Company's treasury account and there is no third-party trade associated with the withholding.
- 2. Each RSU represents the economic equivalent of one share of common stock, settleable in cash or common stock.
- 3. Grant of restricted stock units vesting in three annual equal installments on February 9th.

Executive Vice President and Chief Financial Officer

/s/ Max L. Bouthillette, attorney-in-fact

\*\* Signature of Reporting Person Date

02/10/2023

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.