FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| 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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 * GOLDMAN LARRY | | | 2. Issuer Name and Ticker or Trading Symbol LIGHTBRIDGE Corp [LTBR] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | |
|---|--------------|-----------|---|---|----------------------------|-----------------------|--|--|--|--|
| | | ` ′ | 3. Date of Earliest Transaction (Month/Day/Year) 03/31/2023 | X | Officer (give title below) | Other (specify below) | | | | |
| 11710 PLAZA AMERICA DRIVE, SUITE 2000 (Street) | | JITE 2000 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Lin X Form filed by One Reporting Person Form filed by More than One Reporting Pers | | | | | | |
| | VA State) | (Zip) | Rule 10b5-1(c) Transaction Indication Check this box to indicate that a transaction was made pursuant to a contrar affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | Transaction Code (Instr. | | 4. Securities Ad Disposed Of (D | | 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
|---------------------------------|--|---|--------------------------|---|------------------------------------|---------------|----------|--|---|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 03/31/2023 | | A | V | 321(1) | A | \$4.0583 | 111,230 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3A. Deemed Execution Date, if any (Month/Day/Year) | Code (In | Transaction Derivative Code (Instr. Securities | | Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | Derivative Security (Instr. 5) | | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|---|---|----------|--|--|----------------------------------|---------------------|--|-------|--------------------------------------|--|---|--|--|
| | | | Code | v | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |

Explanation of Responses:

1. Represents shares purchased through payroll deductions under the issuer's employee stock purchase plan.

Remarks:

/s/ Larry Goldman

04/03/2023

** Signature of Reporting Person

Date

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

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.

 $^{^{\}star}$ 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).