

1. Name and Address of Reporting Person* <u>GOLDMAN LARRY</u> (Last) (First) (Middle) <u>C/O LIGHTBRIDGE CORPORATION</u> <u>11710 PLAZA AMERICA DRIVE, SUITE 2000</u> (Street) <u>RESTON</u> <u>VA</u> <u>20190</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LIGHTBRIDGE Corp [LTBR]</u> 3. Date of Earliest Transaction (Month/Day/Year) <u>08/28/2025</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) CFO 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	08/28/2025		A ⁽¹⁾		41,952	A	\$0	211,229	D	
Common Stock	08/28/2025		A ⁽²⁾		41,952	A	\$0	253,181	D	
Common Stock	08/28/2025		A ⁽²⁾		41,952	A	\$0	295,133	D	
Common Stock	08/28/2025		A ⁽²⁾		25,171	A	\$0	320,304	D	
Common Stock	08/28/2025		A ⁽²⁾		16,782	A	\$0	337,086	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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. 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		
Employee Stock Option (right to buy)	\$18.48						(3) 11/09/2026	Common Stock	4,469		4,469	D	
Employee Stock Option (right to buy)	\$55.2						(3) 11/20/2025	Common Stock	5,449		5,449	D	

Explanation of Responses:

1. Represents a grant of restricted stock awards (RSAs). These RSAs vest in three equal installments on the first, second and third anniversaries of the date of grant, contingent on the reporting person's continued service on each such vesting date.

2. Represents a grant of performance-based restricted stock awards (PSAs). These PSAs vest subject to achievement of a specified performance condition, and at the time of certification thereof, contingent on the reporting person's continued service on the certification date. PSAs that remain unvested as of December 31, 2028 (the end of the performance period) will automatically be forfeited and cancelled without consideration.

3. This option is fully vested as of the date of this report.

/s/ Larry Goldman
Signature of Reporting Person

08/29/2025
Date

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.