FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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	OMB Number:	3235-0287
	Estimated average burden	
ı	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 * GRAE SETH			2. Issuer Name and Ticker or Trading Symbol <u>LIGHTBRIDGE Corp</u> [LTBR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/31/2023	X	Director Officer (give title below)	10% Owner Other (specify below)				
C/O LIGHTBRIDGE CORPORATION				President and CEO						
11710 PLAZA AMERICA DRIVE, SUITE 2000		E, SUITE 2000	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) RESTON VA 20190				X Form filed by One Reporting Person Form filed by More than One Reporting Perso						
The state of the s			Rule 10b5-1(c) Transaction Indication							
(City)	(State)	(Zip)	Check this box to indicate that a transaction was made pursuant to a contra affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.	ct, instruct	tion or written plan that is intend	ded 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)	on Date, Transaction Code (Instr.		4. Securities Ad Disposed Of (D			5. Amount of Securities Beneficially Owned Following Reported	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	05/31/2023		A	V	722(1)	A	\$4.3803	213,037	D	

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

- 1	1. Title of	2.	3. Transaction	3A. Deemed							7. Title and Amount of				10.	11. Nature	ı
- 1	Derivative	Conversion	Date	Execution Date,	Transaction I		Derivative		Expiration Date		Securities Underlying		Derivative	derivative	Ownership	of Indirect	L
- 1	Security (Instr. 3)	or Exercise	(Month/Day/Year)	if any	Code (Instr.		Securities		(Month/Day/Year) De		Derivative Security		Security	Securities	Form:	Beneficial	L
- 1		Price of		(Month/Day/Year)	8) ` Acc		B) Acquired (A)		(Instr. 3 and 4)		(Instr. 5)	Beneficially	Direct (D)	Ownership	L		
- 1		Derivative		`	l		or Disp	osed of			Ι`	•	` ′	Owned	or Indirect	(Instr. 4)	L
- 1		Security			(D) (Instr. 3, 4		(D) (Instr. 3. 4					Following	(I) (Instr. 4)	[` ' '	L		
- 1					and 5)		· · ·				l .	Reported	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		L		
- 1							uu 0,						l	Transaction(s)			L
- 1						l						Amount		(Instr. 4)			L
- 1						l						or		(111501.4)			1
- 1						l			Date	Expiration		Number					L
- 1					Code	l۷	(A)	(D)	Exercisable	Date	Title	of Shares					L
L					Code		(~)	(6)	LACICISADIC	Date	''''	oi Silales					1

Explanation of Responses:

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

Remarks:

/s/ Seth Grae

06/01/2023

** Signature of Reporting Person

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.