

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

**FORM S-3**  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

**LIGHTBRIDGE CORPORATION**

(Exact name of registrant as specified in its charter)

**Nevada**  
(State or other jurisdiction of  
incorporation or organization)

**91-1975651**  
(I.R.S. Employer  
Identification Number)

**11710 Plaza America Drive, Suite 2000  
Reston, VA 20190  
(571) 730-1200**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Seth Grae  
President and Chief Executive Officer  
Lightbridge Corporation  
11710 Plaza America Drive, Suite 2000  
Reston, VA 20190  
(571) 730-1200**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

*Copy to:*

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Brandon Kinnard, Esq.  
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**Approximate date of commencement of proposed sale to the public:** From time to time after this registration statement becomes effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of Securities Act.

**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.**



**The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state or jurisdiction where the offer or sale is not permitted.**

**Subject to Completion, Dated March 29, 2024**

**PROSPECTUS**



**LIGHTBRIDGE CORPORATION**

**\$75,000,000**

**Common Stock  
Preferred Stock  
Depositary Shares  
Debt Securities  
Warrants  
Purchase Contracts  
Units**

We may offer and sell from time to time up to \$75,000,000 of any combination of the securities described in this prospectus, in one or more classes or series and in amounts, at prices and on terms that we will determine at the times of the offerings. These securities may, if applicable, be convertible into, or exercisable or exchangeable for, other securities described in this prospectus. This prospectus provides you with a general description of the securities.

Each time we sell securities, we will provide a supplement to this prospectus that contains specific information about the offering and the amounts, prices and terms of the securities. Any prospectus supplement may also add, update or change information contained in this prospectus. You should carefully read this prospectus and any accompanying prospectus supplement as well as the documents incorporated by reference in this prospectus and any accompanying prospectus supplement carefully before you invest in any of our securities.

The securities may be offered by us at prices and on terms determined at the time of offering. The securities may be offered directly by us, through agents designated from time to time by us or to or through underwriters or dealers, on an immediate, continuous or delayed basis. If any agents, dealers or underwriters are involved in the sale of any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement.

Our common stock is listed on the Nasdaq Capital Market ("Nasdaq") under the symbol "LTBR". As of March 28, 2024, the aggregate market value of our outstanding common stock held by non-affiliates, or public float, was approximately \$43.1 million, based on 14,189,780 shares of outstanding common stock, of which 718,940 shares were held by affiliates, and a price of \$3.20 per share, which was the last reported sale price of our common stock by Nasdaq on March 18, 2024. We have sold approximately \$7.37 million of securities pursuant to General Instruction I.B.6 of Form S-3 during the prior 12 calendar month period that ends on and includes the date of this prospectus. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell securities registered on this registration statement in a public primary offering with a value exceeding more than one-third of our public float in any 12-month period so long as our public float remains below \$75.0 million.

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**Investing in our securities involves risks. See "Risk Factors" beginning on page 1 of this prospectus and the risks and uncertainties described in the documents we file with the Securities and Exchange Commission (the "SEC") pursuant to the Securities Exchange Act of 1934, as amended, that are incorporated in this prospectus by reference for certain risks and uncertainties relating to an investment in our securities.**

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**Neither the SEC nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.**

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This prospectus is dated \_\_\_\_\_, 2024.

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**We have not authorized anyone to provide you with information different from that contained or incorporated by reference in this prospectus or any accompanying prospectus supplement or free writing prospectus, and we take no responsibility for any other information that others may give you. This prospectus is not an offer to sell, nor is it a solicitation of an offer to buy, the securities in any jurisdiction where the offer or sale is not permitted. You should not assume that the information contained in this prospectus or any prospectus supplement or free writing prospectus is accurate as of any date other than the date on the front cover of those documents, or that the information contained in any document incorporated by reference is accurate as of any date other than the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any sale of a security. Our business, financial condition, results of operations and prospects may have changed since those dates.**

As permitted by the rules and regulations of the SEC, the registration statement of which this prospectus forms a part includes additional information not contained in this prospectus. You may read the registration statement and the other reports we file with the SEC at the SEC's website described below under the heading "Where You Can Find Additional Information." Before investing in our securities, you should read this prospectus and any accompanying prospectus supplement or free writing prospectus, as well as the additional information described under "Where You Can Find Additional Information" and "Incorporation of Certain Information by Reference."

## ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, using a “shelf” registration process. Under this shelf registration process, we may sell our securities described in this prospectus in one or more offerings up to a total dollar amount of \$75,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we offer our securities, we will provide you with a supplement to this prospectus that will describe the specific amounts, prices and terms of the securities we offer.

This prospectus provides you with a general description of the securities we may offer, sell or issue. Each time we offer securities, we will provide a prospectus supplement and attach it to this prospectus. The prospectus supplement will contain specific information about the terms of the securities being offered, sold or issued at that time. The prospectus supplement may also add, update or change information contained in this prospectus. You should carefully read this prospectus, the applicable prospectus supplement, the information and documents incorporated herein by reference and the additional information under the heading “Where You Can Find Additional Information” and “Incorporation of Certain Information by Reference” before making an investment decision.

To the extent there are inconsistencies between any prospectus supplement, this prospectus and any documents incorporated by reference, the document with the most recent date will control.

References in this prospectus to “Lightbridge,” “we,” “us,” “our,” “our Company,” or “the Company” mean Lightbridge Corporation, a Nevada corporation, and its consolidated subsidiaries, unless we state otherwise or the context indicates otherwise.

## WHERE YOU CAN FIND ADDITIONAL INFORMATION

We are subject to the reporting requirements of the Securities Exchange Act of 1934, as amended, or the Exchange Act, and file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public from commercial retrieval services and at the website maintained by the SEC at [www.sec.gov](http://www.sec.gov). The reports and other information filed by us with the SEC are also available at our website. The address of the Company’s website is [www.ltbridge.com](http://www.ltbridge.com). Information contained on our website or that can be accessed through our website is not incorporated by reference into this prospectus.

This prospectus forms part of a registration statement on Form S-3 filed by us with the SEC under the Securities Act of 1933, as amended, or the Securities Act. As permitted by the SEC, this prospectus does not contain all the information in the registration statement filed with the SEC. For a more complete understanding of this offering, you should refer to the complete registration statement, including the exhibits thereto, on Form S-3 that may be obtained as described above. Statements contained in this prospectus or any prospectus supplement about the contents of any contract or other document are not necessarily complete. If we have filed any contract or other document as an exhibit to the registration statement or any other document incorporated by reference in the registration statement of which this prospectus forms a part, you should read the exhibit for a more complete understanding of the document or matter involved. Each statement regarding a contract or other document is qualified in its entirety by reference to the actual document.

## INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” in this prospectus certain of the information we file with the SEC. This means we can disclose important information to you by referring you to another document that has been filed separately with the SEC. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede information contained in this prospectus and any accompanying prospectus supplement. We incorporate by reference the documents listed below that we have previously filed with the SEC, except we are not incorporating by reference any information furnished (but not filed) under Item 2.02 or Item 7.01 of any Current Report on Form 8-K and corresponding information furnished under Item 9.01 as an exhibit thereto:

- our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2023, filed with the SEC on March 3, 2024;
- those portions of our definitive proxy statement on [Schedule 14A](#), filed with the SEC on March 8, 2024, that are incorporated by reference in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023;
- our Current Report on [Form 8-K](#) filed on March 29, 2024; and
- the description of our common stock contained in our Registration Statement on [Form 8-A](#) filed on July 18, 2006, as updated by the description of our common stock filed as [Exhibit 4.2](#) to our Annual Report on [Form 10-K](#) for the year ended December 31, 2021 filed with the SEC on March 31, 2022, including any amendments or reports filed for the purpose of updating such description.

We also incorporate by reference into this prospectus additional documents that we may file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the completion or termination of the offering of the securities described in this prospectus, including all such documents we may file with the SEC after the date of the initial registration statement and prior to the effectiveness of the registration statement, but excluding any information deemed furnished and not filed with the SEC. Any statements contained in a previously filed document incorporated by reference into this prospectus is deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus, or in a subsequently filed document also incorporated by reference herein, modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may request, orally or in writing, a copy of any or all of the documents incorporated herein by reference. These documents will be provided to you at no cost by contacting: Lightbridge Corporation, 11710 Plaza America Drive, Suite 2000, Reston, VA 20190; telephone number: (571) 730-1200. You may also access the documents incorporated by reference in this prospectus through our website at [www.ltbridge.com](http://www.ltbridge.com). Except for the specific incorporated documents listed above, no information available on or through our website shall be deemed to be incorporated in this prospectus or the registration statement of which it forms a part.

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

In addition to historical information, this prospectus contains or incorporates by reference forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. We use words such as “believe”, “expect”, “anticipate”, “project”, “target”, “plan”, “optimistic”, “intend”, “aim”, “will”, or similar expressions, which are intended to identify forward-looking statements. Such statements include, among others:

- those concerning market and business segment growth, demand, and acceptance of our nuclear fuel technology and other steps to commercialization of Lightbridge Fuel™;
- any projections of sales, earnings, revenue, margins, or other financial items;

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- any statements of the plans, strategies, and objectives of management for future operations and the timing and outcome of the development of our nuclear fuel technology;
- any statements regarding future economic conditions or performance;
- any statements about future financings and liquidity;
- the Company's anticipated financial resources and position; and
- all assumptions, expectations, predictions, intentions, or beliefs about future events and other statements that are not historical facts.

You are cautioned that any such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, as well as assumptions that if they were to ever materialize or prove incorrect, could cause the results of the Company to differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties, among others, include:

- our ability to successfully obtain regulatory approval and commercialize our nuclear fuel technology, including risks related to the design and testing of nuclear fuel incorporating our technology and the degree of market adoption of the Company's product and service offerings;
- dependence on strategic partners;
- any adverse changes to our agreements or relationship with the U.S. government and its national laboratories;
- our ability to fund our future operations, including general corporate overhead and research and development costs, and continue as a going concern;
- the future market and demand for our fuel for nuclear reactors and our ability to attract customers;
- our ability to manage the business effectively in a rapidly evolving market;
- our ability to employ and retain qualified employees and consultants that have experience in the nuclear industry;
- competition and competitive factors in the markets in which we compete, including from accident tolerant fuels;
- the availability of nuclear test reactors and the risks associated with unexpected changes in our nuclear fuel development timeline;
- the increased costs associated with metallization of our nuclear fuel;
- uncertainties related to conducting business in foreign countries;
- public perception of nuclear energy generally;
- changes in laws, rules, and regulations governing our business;
- changes in the political environment;
- development and utilization of, and challenges to, our intellectual property domestically and abroad;
- the trading price of our securities is likely to be volatile, and purchasers of our securities could incur substantial losses; and
- the risks identified in Item 1A. "Risk Factors" included herein, in our Form 10-K filing, our other filings with the SEC and any applicable prospectus supplement offering our securities.

Most of these factors are beyond our ability to predict or control. Future events and actual results could differ materially from those set forth in, contemplated by or underlying the forward-looking statements. Forward-looking statements speak only as of the date on which they are made. The Company assumes no obligation and does not intend to update these forward-looking statements, except as required by law.

## ABOUT LIGHTBRIDGE CORPORATION

At Lightbridge, we are developing next generation nuclear fuel for water-cooled reactors that could significantly improve the economics and safety of existing and new nuclear power plants, large and small, and enhance proliferation resistance of spent nuclear fuel while supplying clean energy to the electric grid. We project that the world's energy and climate needs can only be met if nuclear power's share of the energy-generating mix grows substantially in the coming decades. We believe Lightbridge can benefit from a growing nuclear power industry, and that our nuclear fuel can help enable that growth to happen.

We believe our metallic fuel will offer significant economic and safety benefits over traditional nuclear fuel, primarily because of the superior heat transfer properties and the resulting lower operating temperature of all-metal fuel. We also believe that uprating a reactor with Lightbridge Fuel™ will add incremental electricity at a lower levelized cost than any other means of generating baseload electric power, including any renewable, fossil, or hydroelectric energy source, or any traditional nuclear fuel.

Emerging nuclear technologies include small modular reactors (SMRs), which are now in the development and licensing phases. We expect that Lightbridge Fuel™ can provide water-cooled SMRs with the same benefits our technology brings to large reactors, with such benefits being even more meaningful to the economic case for deployment of SMRs, including potential load following capability when included on a virtually zero-carbon electric grid with renewable energy sources. We expect Lightbridge Fuel™ to generate more power in SMRs than traditional nuclear fuels.

We have built a significant portfolio of patents, and we anticipate testing our nuclear fuel through third-party vendors and others, including the United States Department of Energy's (DOE) national laboratories. Currently, we are performing the majority of our research and development (R&D) activities within and in collaboration with the DOE's national laboratories.

We were incorporated under the laws of the State of Nevada on February 2, 1999 and engaged in businesses other than our current business until October 6, 2006, when we acquired our wholly-owned subsidiary Thorium Power, Inc.

The address of our principal executive office is 11710 Plaza America Drive, Suite 2000, Reston, Virginia 20190, and our telephone number is (571) 730-1200. We maintain a website at [www.ltbridge.com](http://www.ltbridge.com) that contains information about our Company, though no information contained on our website is part of this prospectus.

For additional information as to our business, properties and financial condition, please refer to the documents cited in "Where You Can Find Additional Information."

## RISK FACTORS

An investment in our securities involves a high degree of risk. Prior to making a decision about investing in our securities, you should carefully consider the specific risk factors discussed in the sections entitled "Risk Factors" contained in our most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and in any applicable prospectus supplement and our other filings with the SEC and incorporated by reference in this prospectus, together with all of the other information contained in this prospectus, or any applicable prospectus supplement. Additional risks and uncertainties not presently known to us, or that we currently view as immaterial, may also impair our business. If any of the risks or uncertainties described in our SEC filings or any prospectus supplement or any additional risks and uncertainties actually occur, our business, financial condition and results of operations could be materially and adversely affected. In that case, the trading price of our securities could decline and you might lose all or part of your investment.



## USE OF PROCEEDS

Unless specified otherwise in the applicable prospectus supplement, we expect to use the net proceeds we receive from the sale of the securities offered by this prospectus and any accompanying prospectus supplement for general corporate purposes, which may include, among other things:

- acquisitions;
- working capital;
- capital expenditures;
- repayment of debt;
- research and development expenditures; and
- investments.

The precise amount and timing of the application of such proceeds will depend upon our funding requirements and the availability and cost of other capital. We will retain broad discretion over the use of the net proceeds from the sale of the securities offered hereby. Pending any specific application, we may initially invest funds in short-term marketable securities or apply them to the reduction of short-term indebtedness. Additional information on the use of net proceeds from the sale of securities covered by this prospectus may be set forth in the prospectus supplement relating to the specific offering.

## DILUTION

We will set forth in a prospectus supplement and/or free writing prospectus the following information, as required, regarding any dilution of the equity interests of investors purchasing securities in an offering under this prospectus:

- the net tangible book value per share of our equity securities before and after the offering;
- the amount of the change in such net tangible book value per share attributable to the cash payments made by purchasers in the offering; and
- the amount of the immediate dilution from the public offering price which will be absorbed by such purchasers.

## DESCRIPTION OF CAPITAL STOCK

### Common Stock

We are authorized to issue up to 25,000,000 shares of common stock, par value \$0.001 per share. Each outstanding share of common stock entitles the holder thereof to one vote per share on all matters. Our Amended and Restated Bylaws provide that elections for directors shall be by a plurality of votes and any other action shall be approved if the number of votes cast in favor of the action exceeds the number of votes cast in opposition to the action. Stockholders do not have preemptive rights to purchase shares in any future issuance of our common stock. Upon our liquidation, dissolution or winding up, and after payment of creditors and preferred stockholders, if any, our assets will be divided pro-rata on a share-for-share basis among the holders of the shares of common stock.

The holders of shares of our common stock are entitled to dividends out of funds legally available when and as declared by our board of directors. Our board of directors has never declared a dividend and does not anticipate declaring a dividend in the foreseeable future. In the event of our liquidation, dissolution or winding up, holders of our common stock are entitled to receive, ratably, the net assets available to stockholders after payment of all creditors.

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All of the issued and outstanding shares of our common stock are duly authorized, validly issued, fully paid and non-assessable. To the extent that additional shares of our common stock are issued, the relative interests of existing stockholders will be diluted.

As of March 28, 2024, there were 14,189,780 shares of our common stock outstanding.

**Preferred Stock**

We are authorized to issue up to 10,000,000 shares of preferred stock, par value \$0.001 per share, in one or more classes or series within a class as may be determined by our board of directors, who may establish, from time to time, the number of shares to be included in each class or series, may fix the designation, powers, preferences and rights of the shares of each such class or series and any qualifications, limitations or restrictions thereof. Any preferred stock so issued by the board of directors may rank senior to the common stock with respect to the payment of dividends or amounts upon liquidation, dissolution or winding up of us, or both. Moreover, under certain circumstances, the issuance of preferred stock or the existence of the unissued preferred stock might tend to discourage or render more difficult a merger or other change of control.

As of March 28, 2024, there were no shares of preferred stock outstanding.

**Anti-Takeover Effects of Our Articles of Incorporation and Bylaws**

Our Articles of Incorporation, as amended, and our Amended and Restated Bylaws contain certain provisions that may have anti-takeover effects, making it more difficult for or preventing a third party from acquiring control of the Company or changing its board of directors and management. According to our Amended and Restated Bylaws and Articles of Incorporation, as amended, the holders of our common stock do not have cumulative voting rights in the election of our directors. The combination of the present ownership by a few stockholders of a significant portion of our issued and outstanding common stock and lack of cumulative voting makes it more difficult for other stockholders to replace our board of directors or for a third party to obtain control of the Company by replacing its board of directors.

**Anti-Takeover Effects of Nevada Law**

***Business Combinations***

The “business combination” provisions of Sections 78.411 to 78.444, inclusive, of the Nevada Revised Statutes, or NRS, generally prohibit a Nevada corporation with at least 200 stockholders from engaging in various “combination” transactions with any interested stockholder for a period of two years after the date of the transaction in which the person became an interested stockholder, unless the transaction is approved by the board of directors prior to the date the interested stockholder obtained such status or the combination is approved by the board of directors and thereafter is approved at a meeting of the stockholders by the affirmative vote of stockholders representing at least 60% of the outstanding voting power held by disinterested stockholders, and extends beyond the expiration of the two-year period, unless:

- the combination was approved by the board of directors prior to the person becoming an interested stockholder or the transaction by which the person first became an interested stockholder was approved by the board of directors before the person became an interested stockholder or the combination is later approved by a majority of the voting power held by disinterested stockholders; or
- if the consideration to be paid by the interested stockholder is at least equal to the highest of: (a) the highest price per share paid by the interested stockholder within the two years immediately preceding the date of the announcement of the combination or in the transaction in which it became an interested stockholder, whichever is higher, (b) the market value per share of common stock on the date of announcement of the combination and the date the interested stockholder acquired the shares, whichever is higher, or (c) for holders of preferred stock, the highest liquidation value of the preferred stock, if it is higher.

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A “combination” is generally defined to include mergers or consolidations or any sale, lease exchange, mortgage, pledge, transfer, or other disposition, in one transaction or a series of transactions, with an “interested stockholder” having: (a) an aggregate market value equal to 5% or more of the aggregate market value of the assets of the corporation, (b) an aggregate market value equal to 5% or more of the aggregate market value of all outstanding shares of the corporation, (c) 10% or more of the earning power or net income of the corporation, and (d) certain other transactions with an interested stockholder or an affiliate or associate of an interested stockholder.

In general, an “interested stockholder” is a person who, together with affiliates and associates, owns (or within two years, did own) 10% or more of a corporation’s voting stock. The statute could prohibit or delay mergers or other takeover or change in control attempts and, accordingly, may discourage attempts to acquire our Company even though such a transaction may offer our stockholders the opportunity to sell their stock at a price above the prevailing market price.

Our Articles of Incorporation, as amended, state that we have elected not to be governed by the “business combination” provisions, therefore such provisions currently do not apply to us.

***Control Share Acquisitions***

The “control share” provisions of Sections 78.378 to 78.3793, inclusive, of the NRS apply to “issuing corporations” that are Nevada corporations with at least 200 stockholders, including at least 100 stockholders of record who are Nevada residents, and that conduct business directly or indirectly in Nevada. The control share statute prohibits an acquirer, under certain circumstances, from voting its shares of a target corporation’s stock after crossing certain ownership threshold percentages, unless the acquirer obtains approval of the target corporation’s disinterested stockholders. The statute specifies three thresholds: one-fifth or more but less than one-third, one-third but less than a majority, and a majority or more, of the outstanding voting power. Generally, once an acquirer crosses one of the above thresholds, those shares in an offer or acquisition and acquired within 90 days thereof become “control shares” and such control shares are deprived of the right to vote until disinterested stockholders restore the right. These provisions also provide that if control shares are accorded full voting rights and the acquiring person has acquired a majority or more of all voting power, all other stockholders who do not vote in favor of authorizing voting rights to the control shares are entitled to demand payment for the fair value of their shares in accordance with statutory procedures established for dissenters’ rights.

A corporation may elect to not be governed by, or “opt out” of, the control share provisions by making an election in its articles of incorporation or bylaws, provided that the opt-out election must be in place on the 10th day following the date an acquiring person has acquired a controlling interest, that is, crossing any of the three thresholds described above. We have not opted out of the control share statutes, and will be subject to these statutes if we are an “issuing corporation” as defined in such statutes.

The effect of the Nevada control share statutes is that the acquiring person, and those acting in association with the acquiring person, will obtain only such voting rights in the control shares as are conferred by a resolution of the stockholders at an annual or special meeting. The Nevada control share law, if applicable, could have the effect of discouraging takeovers of our Company.

**Transfer Agent and Registrar**

Our transfer agent and registrar for our common stock is Computershare Trust Company, 6200 S. Quebec Street, Greenwood Village, CO 80111. Its telephone number is 800-962-4284 and facsimile is 303-262-0604.

## DESCRIPTION OF DEPOSITARY SHARES

### General

We may, at our option, elect to offer fractional shares of preferred stock, which we call depositary shares, rather than full shares of preferred stock. If we do, we will issue to the public receipts, called depositary receipts, for depositary shares, each of which will represent a fraction, to be described in the applicable prospectus supplement, of a share of a particular series of preferred stock. Unless otherwise provided in the prospectus supplement, each owner of a depositary share will be entitled, in proportion to the applicable fractional interest in a share of preferred stock represented by the depositary share, to all the rights and preferences of the preferred stock represented by the depositary share. Those rights include dividend, voting, redemption, conversion and liquidation rights.

The shares of preferred stock underlying the depositary shares will be deposited with a bank or trust company selected by us to act as depositary under a deposit agreement between us, the depositary and the holders of the depositary receipts. The depositary will be the transfer agent, registrar and dividend disbursing agent for the depositary shares.

The depositary shares will be evidenced by depositary receipts issued pursuant to the deposit agreement. Holders of depositary receipts agree to be bound by the deposit agreement, which requires holders to take certain actions such as filing proof of residence and paying certain charges.

The summary of terms of the depositary shares contained in this prospectus is not a complete description of the terms of the depositary shares. You should refer to the form of the deposit agreement, our Articles of Incorporation, as amended, and the certificate of designation for the applicable series of preferred stock that are, or will be, filed with the SEC.

### Dividends and Other Distributions

The depositary will distribute all cash dividends or other cash distributions, if any, received in respect of the preferred stock underlying the depositary shares to the record holders of depositary shares in proportion to the numbers of depositary shares owned by those holders on the relevant record date. The relevant record date for depositary shares will be the same date as the record date for the underlying preferred stock.

If there is a distribution other than in cash, the depositary will distribute property (including securities) received by it to the record holders of depositary shares, unless the depositary determines that it is not feasible to make the distribution. If this occurs, the depositary may, with our approval, adopt another method for the distribution, including selling the property and distributing the net proceeds from the sale to the holders.

### Liquidation Preference

If a series of preferred stock underlying the depositary shares has a liquidation preference, in the event of our voluntary or involuntary liquidation, dissolution or winding, holders of depositary shares will be entitled to receive the fraction of the liquidation preference accorded each share of the applicable series of preferred stock, as set forth in the applicable prospectus supplement.

### Withdrawal of Stock

Unless the related depositary shares have been previously called for redemption, upon surrender of the depositary receipts at the office of the depositary, the holder of the depositary shares will be entitled to delivery, at the office of the depositary to or upon his or her order, of the number of whole shares of the preferred stock and any money or other property represented by the depositary shares. If the depositary receipts delivered by the holder evidence a number of depositary shares in excess of the number of depositary shares representing the number of whole shares of preferred stock to be withdrawn, the depositary will deliver to the holder at the same time a new depositary receipt evidencing the excess number of depositary shares. In no event will the depositary deliver fractional shares of preferred stock upon surrender of depositary receipts. Holders of preferred stock thus withdrawn may not thereafter deposit those shares under the deposit agreement or receive depositary receipts evidencing depositary shares therefor.

### **Redemption of Depositary Shares**

Whenever we redeem shares of preferred stock held by the depositary, the depositary will redeem as of the same redemption date the number of depositary shares representing shares of the preferred stock so redeemed, so long as we have paid in full to the depositary the redemption price of the preferred stock to be redeemed plus an amount equal to any accumulated and unpaid dividends on the preferred stock to the date fixed for redemption. The redemption price per depositary share will be equal to the redemption price and any other amounts per share payable on the preferred stock multiplied by the fraction of a share of preferred stock represented by one depositary share. If less than all the depositary shares are to be redeemed, the depositary shares to be redeemed will be selected by lot or pro rata or by any other equitable method as may be determined by the depositary.

After the date fixed for redemption, depositary shares called for redemption will no longer be deemed to be outstanding and all rights of the holders of depositary shares will cease, except the right to receive the monies payable upon redemption and any money or other property to which the holders of the depositary shares were entitled upon redemption upon surrender to the depositary of the depositary receipts evidencing the depositary shares.

### **Voting the Preferred Stock**

Upon receipt of notice of any meeting at which the holders of the preferred stock are entitled to vote, the depositary will mail the information contained in the notice of meeting to the record holders of the depositary receipts relating to that preferred stock. The record date for the depositary receipts relating to the preferred stock will be the same date as the record date for the preferred stock. Each record holder of the depositary shares on the record date will be entitled to instruct the depositary as to the exercise of the voting rights pertaining to the number of shares of preferred stock represented by that holder's depositary shares. The depositary will endeavor, insofar as practicable, to vote the number of shares of preferred stock represented by the depositary shares in accordance with those instructions, and we will agree to take all action that may be deemed necessary by the depositary in order to enable the depositary to do so. The depositary will not vote any shares of preferred stock except to the extent it receives specific instructions from the holders of depositary shares representing that number of shares of preferred stock.

### **Charges of Depositary**

We will pay all transfer and other taxes and governmental charges arising solely from the existence of the depositary arrangements. We will pay charges of the depositary in connection with the initial deposit of the preferred stock and any redemption of the preferred stock. Holders of depositary receipts will pay transfer, income and other taxes and governmental charges and such other charges (including those in connection with the receipt and distribution of dividends, the sale or exercise of rights, the withdrawal of the preferred stock and the transferring, splitting or grouping of depositary receipts) as are expressly provided in the deposit agreement to be for their accounts. If these charges have not been paid by the holders of depositary receipts, the depositary may refuse to transfer depositary shares, withhold dividends and distributions and sell the depositary shares evidenced by the depositary receipt.

### **Amendment and Termination of the Deposit Agreement**

The form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement may be amended by agreement between us and the depositary. However, any amendment that materially and adversely alters the rights of the holders of depositary shares, other than fee changes, will not be effective unless the amendment has been approved by the holders of a majority of the outstanding depositary shares. The deposit agreement may be terminated by the depositary or us only if:

- all outstanding depositary shares have been redeemed; or
- there has been a final distribution of the preferred stock in connection with our dissolution and such distribution has been made to all the holders of depositary shares.

**Resignation and Removal of Depositary**

The depositary may resign at any time by delivering to us notice of its election to do so, and we may remove the depositary at any time. Any resignation or removal of the depositary will take effect upon our appointment of a successor depositary and its acceptance of such appointment. The successor depositary must be appointed within 60 days after delivery of the notice of resignation or removal and must be a bank or trust company having its principal office in the United States and having the requisite combined capital and surplus as set forth in the applicable agreement.

**Notices**

The depositary will forward to holders of depositary receipts all notices, reports and other communications, including proxy solicitation materials received from us, that are delivered to the depositary and that we are required to furnish to the holders of the preferred stock. In addition, the depositary will make available for inspection by holders of depositary receipts at the principal office of the depositary, and at such other places as it may from time to time deem advisable, any reports and communications we deliver to the depositary as the holder of preferred stock.

**Limitation of Liability**

Neither we nor the depositary will be liable if either we or it is prevented or delayed by law or any circumstance beyond its control in performing its obligations. Our obligations and those of the depositary will be limited to performance in good faith of our and their duties thereunder. We and the depositary will not be obligated to prosecute or defend any legal proceeding in respect of any depositary shares or preferred stock unless satisfactory indemnity is furnished. We and the depositary may rely upon written advice of counsel or accountants, on information provided by persons presenting preferred stock for deposit, holders of depositary receipts or other persons believed to be competent to give such information and on documents believed to be genuine and to have been signed or presented by the proper party or parties.

## DESCRIPTION OF DEBT SECURITIES

The following is a summary of the general terms of the debt securities that we may issue. We will file a prospectus supplement that may contain additional terms when we issue debt securities. The terms presented here, together with the terms in a related prospectus supplement, will be a description of the material terms of the debt securities. You should also read the indenture under which the debt securities are to be issued. We have incorporated by reference a form of indenture governing different types of debt securities previously filed with the SEC in the registration statement of which this prospectus is a part. All capitalized terms have the meanings specified in the indenture.

We may issue, from time to time, debt securities, in one or more series, that will consist of senior debt, senior subordinated debt or subordinated debt. We refer to the subordinated debt securities and the senior subordinated debt securities together as the subordinated securities. The debt securities that we may offer will be issued under an indenture between us and an entity, identified in the applicable prospectus supplement, as trustee. Debt securities, whether senior, senior subordinated or subordinated, may be issued as convertible debt securities or exchangeable debt securities. The following is a summary of the material provisions of the indenture incorporated by reference by the registration statement of which this prospectus is a part.

*As you read this section, please remember that for each series of debt securities, the specific terms of your debt security as described in the applicable prospectus supplement will supplement and, if applicable, may modify or replace the general terms described in the summary below. The statements we make in this section may not apply to your debt security.*

### General Terms of the Indenture

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit that we may designate. We may, without the consent of the holders of any series, increase the principal amount of securities in that series in the future, on the same terms and conditions and with the same CUSIP numbers as that series. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to give holders of any debt securities protection against changes in our operations, financial condition or transactions involving us.

We may issue the debt securities issued under the indenture as “discount securities,” which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may be issued with “original issue discount”, or OID, for U.S. federal income tax purposes because of interest payment and other characteristics. Material U.S. federal income tax considerations applicable to debt securities issued with original issue discount will be described in more detail in any applicable prospectus supplement.

The applicable prospectus supplement for a series of debt securities that we issue will describe, among other things, the following terms of the offered debt securities:

- the title and authorized denominations of the series of debt securities;
- any limit on the aggregate principal amount of the series of debt securities;
- whether such debt securities will be issued in fully registered form without coupons or in a form registered as to principal only with coupons or in bearer form with coupons;
- whether issued in the form of one or more global securities and whether all or a portion of the principal amount of the debt securities is represented thereby;
- the price or prices at which the debt securities will be issued;
- the date or dates on which principal is payable;

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- the place or places where and the manner in which principal, premium or interest, if any, will be payable and the place or places where the debt securities may be presented for transfer and, if applicable, conversion or exchange;
- interest rates, and the dates from which interest, if any, will accrue, and the dates when interest is payable and the maturity;
- the right, if any, to extend the interest payment periods and the duration of the extensions;
- our rights or obligations to redeem or purchase the debt securities;
- any sinking fund or other provisions that would obligate us to repurchase or otherwise redeem some or all of the debt securities;
- conversion or exchange provisions, if any, including conversion or exchange prices or rates and adjustments thereto;
- the currency or currencies of payment of principal or interest;
- the terms applicable to any debt securities issued at a discount from their stated principal amount;
- the terms, if any, under which any debt securities will rank junior to any of our other debt;
- whether and upon what terms the debt securities may be defeased, if different from the provisions set forth in the indenture;
- if the amount of payments of principal or interest is to be determined by reference to an index or formula, or based on a coin or currency other than that in which the debt securities are stated to be payable, the manner in which these amounts are determined and the calculation agent, if any, with respect thereto;
- if other than the entire principal amount of the debt securities when issued, the portion of the principal amount payable upon acceleration of maturity as a result of a default on our obligations;
- the events of default and covenants relating to the debt securities that are in addition to, modify or delete those described in this prospectus; and
- any other specific terms of any debt securities.

The applicable prospectus supplement will present material U.S. federal income tax considerations for holders of any debt securities and the securities exchange or quotation system on which any debt securities are to be listed or quoted.

**Senior Debt Securities**

Payment of the principal of, premium and interest, if any, on senior debt securities will rank on a parity with all of our other secured/unsecured and unsubordinated debt.

**Senior Subordinated Debt Securities**

Payment of the principal of, premium and interest, if any, on senior subordinated debt securities will be junior in right of payment to the prior payment in full of all of our unsubordinated debt, including senior debt securities and any credit facility. We will state in the applicable prospectus supplement relating to any senior subordinated debt securities the subordination terms of the securities as well as the aggregate amount of outstanding debt, as of the most recent practicable date, that by its terms would be senior to the senior subordinated debt securities. We will also state in such prospectus supplement limitations, if any, on issuance of additional senior debt.



### **Subordinated Debt Securities**

Payment of the principal of, premium and interest, if any, on subordinated debt securities will be subordinated and junior in right of payment to the prior payment in full of all of our senior debt, including our senior debt securities and senior subordinated debt securities. We will state in the applicable prospectus supplement relating to any subordinated debt securities the subordination terms of the securities as well as the aggregate amount of outstanding indebtedness, as of the most recent practicable date, that by its terms would be senior to the subordinated debt securities. We will also state in such prospectus supplement limitations, if any, on issuance of additional senior indebtedness.

### **Conversion or Exchange Rights**

Debt securities may be convertible into or exchangeable for other securities, including, for example, shares of our equity securities. The terms and conditions of conversion or exchange will be stated in the applicable prospectus supplement. The terms will include, among others, the following:

- the conversion or exchange price;
- the conversion or exchange period;
- provisions regarding the ability of us or the holder to convert or exchange the debt securities;
- events requiring adjustment to the conversion or exchange price; and
- provisions affecting conversion or exchange in the event of our redemption of the debt securities.

### **Consolidation, Merger or Sale**

We cannot consolidate or merge with or into, or transfer or lease all or substantially all of our assets to, any person, and we cannot permit any other person to consolidate with or merge into us, unless (1) we will be the continuing corporation or (2) the successor corporation or person to which our assets are transferred or leased is a corporation organized under the laws of the United States, any state of the United States or the District of Columbia and it expressly assumes our obligations under the debt securities and the indenture. In addition, we cannot complete such a transaction unless immediately after completing the transaction, no event of default under the indenture, and no event which, after notice or lapse of time or both, would become an event of default under the indenture, shall have occurred and be continuing. When the person to whom our assets are transferred or leased has assumed our obligations under the debt securities and the indenture, we shall be discharged from all our obligations under the debt securities and the indenture except in limited circumstances.

This covenant would not apply to any recapitalization transaction, a change of control of us or a highly leveraged transaction, unless the transaction or change of control were structured to include a merger or consolidation or transfer or lease of all or substantially all of our assets.

### **Events of Default**

The term "Event of Default," when used in the indenture, unless otherwise indicated, means any of the following:

- failure to pay interest for 30 days after the date payment is due and payable;
- failure to pay principal or premium, if any, on any debt security when due, either at maturity, upon any redemption, by declaration or otherwise;
- failure to make sinking fund payments when due;
- failure to perform other covenants for 60 days after notice that performance was required;
- events in bankruptcy, insolvency or reorganization relating to us; or
- any other Event of Default provided in the applicable officer's certificate, resolution of our board of directors or the supplemental indenture under which we issue a series of debt securities.

An Event of Default for a particular series of debt securities does not necessarily constitute an Event of Default for any other series of debt securities issued under the indenture.

If an Event of Default with respect to any series of senior debt securities occurs and is continuing, then either the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of such series, by notice in writing, may declare the principal amount of and interest on all of the debt securities of such series to be due and payable immediately; *provided, however*, unless otherwise provided in the applicable prospectus supplement, if such an Event of Default occurs and is continuing with respect to more than one series of senior debt securities under the indenture, the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of all such series of senior debt securities of equal ranking (or, if any of such senior debt securities are discount securities, such portion of the principal amount as may be specified in the terms of that series), voting as one class, may make such declaration of acceleration as to all series of such equal ranking and not the holders of the debt securities of any one of such series of senior debt securities.

If an Event of Default with respect to any series of subordinated securities occurs and is continuing, then either the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of such series, by notice in writing, may declare the principal amount of and interest on all of the debt securities of such series to be due and payable immediately; *provided, however*, unless otherwise provided in the applicable prospectus supplement, if such an Event of Default occurs and is continuing with respect to more than one series of subordinated securities under the indenture, the trustee for such series or the holders of a majority in aggregate principal amount of the outstanding debt securities of all such series of subordinated securities of equal ranking (or, if any of such subordinated securities are discount securities, such portion of the principal amount as may be specified in the terms of that series), voting as one class, may make such declaration of acceleration as to all series of equal ranking and not the holders of the debt securities of any one of such series of subordinated securities.

The holders of not less than a majority in aggregate principal amount of the debt securities of all affected series of equal ranking may, after satisfying certain conditions, rescind and annul any of the above-described declarations and consequences involving such series.

If an Event of Default relating to events in bankruptcy, insolvency or reorganization of us occurs and is continuing, then the principal amount of all of the debt securities outstanding, and any accrued interest, will automatically become due and payable immediately, without any declaration or other act by the trustee or any holder.

The indenture imposes limitations on suits brought by holders of debt securities against us. Except for actions for payment of overdue principal or interest, no holder of debt securities of any series may institute any action against us under the indenture unless:

- the holder has previously given to the trustee written notice of default and continuance of such default;
- the holders of not less than a majority in principal amount of the outstanding debt securities of the affected series of equal ranking have requested that the trustee institute the action;
- the requesting holders have offered the trustee reasonable indemnity for expenses and liabilities that may be incurred by bringing the action;
- the trustee has not instituted the action within 60 days of the request; and
- the trustee has not received inconsistent direction by the holders of a majority in principal amount of the outstanding debt securities of the affected series of equal ranking.

We will be required to file annually with the trustee a certificate, signed by one of our officers, stating whether or not the officer knows of any default by us in the performance, observance or fulfillment of any condition or covenant of the indenture.

### **Registered Global Securities and Book Entry System**

The debt securities of a series may be issued in whole or in part in book-entry form and may be represented by one or more fully registered global securities or in unregistered form with or without coupons. We will deposit any registered global securities with a depository or with a nominee for a depository identified in the applicable prospectus supplement and registered in the name of such depository or nominee. In such case, we will issue one or more registered global securities denominated in an amount equal to the aggregate principal amount of all of the debt securities of the series to be issued and represented by such registered global security or securities. This means that we will not issue certificates to each holder.

Unless and until it is exchanged in whole or in part for debt securities in definitive registered form, a registered global security may not be transferred except as a whole:

- by the depository for such registered global security to its nominee;
- by a nominee of the depository to the depository or another nominee of the depository; or
- by the depository or its nominee to a successor of the depository or a nominee of the successor.

The prospectus supplement relating to a series of debt securities will describe the specific terms of the depository arrangement involving any portion of the series represented by a registered global security. We anticipate that the following provisions will apply to all depository arrangements for registered debt securities:

- ownership of beneficial interests in a registered global security will be limited to persons that have accounts with the depository for such registered global security, these persons being referred to as “participants,” or persons that may hold interests through participants;
- upon the issuance of a registered global security, the depository for the registered global security will credit, on its book-entry registration and transfer system, the participants’ accounts with the respective principal amounts of the debt securities represented by the registered global security beneficially owned by the participants;
- any dealers, underwriters, or agents participating in the distribution of the debt securities represented by a registered global security will designate the accounts to be credited; and
- ownership of beneficial interest in such registered global security will be shown on, and the transfer of such ownership interest will be effected only through, records maintained by the depository for such registered global security for interests of participants, and on the records of participants for interests of persons holding through participants.

The laws of some states may require that specified purchasers of securities take physical delivery of the securities in definitive form. These laws may limit the ability of those persons to own, transfer or pledge beneficial interests in registered global securities.

So long as the depository for a registered global security, or its nominee, is the registered owner of such registered global security, the depository or such nominee, as the case may be, will be considered the sole owner or holder of the debt securities represented by the registered global security for all purposes under the indenture. Except as stated below, owners of beneficial interests in a registered global security:

- will not be entitled to have the debt securities represented by a registered global security registered in their names;
- will not receive or be entitled to receive physical delivery of the debt securities in the definitive form; and
- will not be considered the owners or holders of the debt securities under the relevant indenture.

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Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depositary for the registered global security and, if the person is not a participant, on the procedures of a participant through which the person owns its interest, to exercise any rights of a holder under the indenture.

We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the indenture, the depositary for the registered global security would authorize the participants holding the relevant beneficial interests to give or take the action, and the participants would authorize beneficial owners owning through the participants to give or take the action or would otherwise act upon the instructions of beneficial owners holding through them.

We will make payments of principal and premium, if any, and interest, if any, on debt securities represented by a registered global security registered in the name of a depositary or its nominee to the depositary or its nominee, as the case may be, as the registered owners of the registered global security.

None of us, the trustee or any other agent of ours or the trustee will be responsible or liable for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

We expect that the depositary for any debt securities represented by a registered global security, upon receipt of any payments of principal and premium, if any, and interest, if any, in respect of the registered global security, will immediately credit participants' accounts with payments in amounts proportionate to their respective beneficial interests in the registered global security as shown on the records of the depositary. We also expect that standing customer instructions and customary practices will govern payments by participants to owners of beneficial interests in the registered global security held through the participants, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name." We also expect that any of these payments will be the responsibility of the participants.

If the depositary for any debt securities represented by a registered global security is at any time unwilling or unable to continue as depositary or stops being a clearing agency registered under the Exchange Act, we will appoint an eligible successor depositary. If we fail to appoint an eligible successor depositary within 90 days, we will issue the debt securities in definitive form in exchange for the registered global security. In addition, we may at any time and in our sole discretion decide not to have any of the debt securities of a series represented by one or more registered global securities. In that event, we will issue debt securities of the series in a definitive form in exchange for all of the registered global securities representing the debt securities. The trustee will register any debt securities issued in definitive form in exchange for a registered global security in the name or names as the depositary, based upon instructions from its participants, shall instruct the trustee.

We may also issue bearer debt securities of a series in the form of one or more global securities, referred to as "bearer global securities." The prospectus supplement relating to a series of debt securities represented by a bearer global security will describe the applicable terms and procedures. These will include the specific terms of the depositary arrangement and any specific procedures for the issuance of debt securities in definitive form in exchange for a bearer global security, in proportion to the series represented by a bearer global security.

## **Discharge, Defeasance and Covenant Defeasance**

We can discharge or decrease our obligations under the indenture as stated below.

We may discharge obligations to holders of any series of debt securities that have not already been delivered to the trustee for cancellation and that have either become due and payable or are by their terms to become due and payable, or are scheduled for redemption, within sixty (60) days. We may effect a discharge by irrevocably depositing with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be enough to pay when due, whether at maturity, upon redemption or otherwise, the principal of, premium and interest, if any, on the debt securities and any mandatory sinking fund payments.

Unless otherwise provided in the applicable prospectus supplement, we may also discharge any and all of our obligations to holders of any series of debt securities at any time, which we refer to as defeasance. We may also be released from the obligations imposed by any covenants of any outstanding series of debt securities and provisions of the indenture, and we may omit to comply with those covenants without creating an event of default under the trust declaration, which we refer to as covenant defeasance. We may effect defeasance and covenant defeasance only if, among other things:

- we irrevocably deposit with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be enough to pay at maturity, or upon redemption, the principal, premium and interest, if any, on all outstanding debt securities of the series;
- we deliver to the trustee an opinion of counsel from a nationally recognized law firm to the effect that the holders of the series of debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the defeasance or covenant defeasance and that defeasance or covenant defeasance will not otherwise alter the holders' U.S. federal income tax treatment of principal, premium and interest, if any, payments on the series of debt securities; and
- in the case of subordinated debt securities, no event or condition shall exist that, based on the subordination provisions applicable to the series, would prevent us from making payments of principal of, premium and interest, if any, on any of the applicable subordinated debt securities at the date of the irrevocable deposit referred to above or at any time during the period ending on the 91st day after the deposit date.

In the case of a defeasance by us, the opinion we deliver must be based on a ruling of the Internal Revenue Service issued, or a change in U.S. federal income tax law occurring, after the date of the indenture, since such a result would not occur under the U.S. federal income tax laws in effect on such date.

Although we may discharge or decrease our obligations under the indenture as described in the two preceding paragraphs, we may not avoid, among other things, our duty to register the transfer or exchange of any series of debt securities, to replace any temporary, mutilated, destroyed, lost or stolen series of debt securities or to maintain an office or agency in respect of any series of debt securities.

## **Modification of the Indenture**

The indenture provides that we and the trustee may enter into supplemental indentures without the consent of the holders of debt securities to:

- secure any debt securities and provide the terms and conditions for the release or substitution of the security;
- evidence the assumption by a successor corporation of our obligations;
- add covenants for the protection of the holders of debt securities;
- add any additional events of default;
- cure any ambiguity or correct any inconsistency or defect in the indenture;
- add to, change or eliminate any of the provisions of the indenture in a manner that will become effective only when there is no outstanding debt security which is entitled to the benefit of the provision as to which the modification would apply;

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- establish the forms or terms of debt securities of any series;
- eliminate any conflict between the terms of the indenture and the Trust Indenture Act of 1939;
- evidence and provide for the acceptance of appointment by a successor trustee and add to or change any of the provisions of the indenture as is necessary for the administration of the trusts by more than one trustee; and
- make any other provisions with respect to matters or questions arising under the indenture that will not be inconsistent with any provision of the indenture as long as the new provisions do not adversely affect the interests of the holders of any outstanding debt securities of any series created prior to the modification.

The indenture also provides that we and the trustee may, with the consent of the holders of not less than a majority in aggregate principal amount of debt securities of all series of senior debt securities or of subordinated securities of equal ranking, as the case may be, then outstanding and affected, voting as one class, add any provisions to, or change in any manner, eliminate or modify in any way the provisions of, the indenture or modify in any manner the rights of the holders of the debt securities. We and the trustee may not, however, without the consent of the holder of each outstanding debt security affected thereby:

- extend the final maturity of any debt security;
- reduce the principal amount or premium, if any;
- reduce the rate or extend the time of payment of interest;
- reduce any amount payable on redemption or impair or affect any right of redemption at the option of the holder of the debt security;
- change the currency in which the principal, premium or interest, if any, is payable;
- reduce the amount of the principal of any debt security issued with an original issue discount that is payable upon acceleration or provable in bankruptcy;
- alter provisions of the relevant indenture relating to the debt securities not denominated in U.S. dollars;
- impair the right to institute suit for the enforcement of any payment on any debt security when due;
- if applicable, adversely affect the right of a holder to convert or exchange a debt security; or
- reduce the percentage of holders of debt securities of any series whose consent is required for any modification of the indenture.

The indenture provides that the holders of not less than a majority in aggregate principal amount of the then outstanding debt securities of any and all affected series of equal ranking, by notice to the relevant trustee, may on behalf of the holders of the debt securities of any and all such series of equal ranking waive any default and its consequences under the indenture except:

- a continuing default in the payment of interest on, premium, if any, or principal of, any such debt security held by a non-consenting holder; or
- a default in respect of a covenant or provision of the indenture that cannot be modified or amended without the consent of the holder of each outstanding debt security of each series affected.

### **Concerning the Trustee**

The indenture provides that there may be more than one trustee under the indenture, each for one or more series of debt securities. If there are different trustees for different series of debt securities, each trustee will be a trustee of a trust under the indenture separate and apart from the trust administered by any other trustee under that indenture.

Except as otherwise indicated in this prospectus or any prospectus supplement, any action permitted to be taken by a trustee may be taken by such trustee only on the one or more series of debt securities for which it is the trustee under the indenture. Any trustee under the indenture may resign or be removed from one or more series of debt securities. All payments of principal of, premium and interest, if any, on, and all registration, transfer, exchange, authentication and delivery of, the debt securities of a series will be effected by the trustee for that series at an office designated by the trustee.

If the trustee becomes a creditor of ours, the indenture places limitations on the right of the trustee to obtain payment of claims or to realize on property received in respect of any such claim as security or otherwise. The trustee may engage in other transactions. If it acquires any conflicting interest relating to any duties concerning the debt securities, however, it must eliminate the conflict or resign as trustee.

The holders of a majority in aggregate principal amount of any and all affected series of debt securities of equal ranking then outstanding will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee concerning the applicable series of debt securities, provided that the direction:

- would not conflict with any rule of law or with the relevant indenture;
- would not be unduly prejudicial to the rights of another holder of the debt securities; and
- would not involve any trustee in personal liability.

The indenture provides that in case an Event of Default shall occur, not be cured and be known to any trustee, the trustee must use the same degree of care as a prudent person would use in the conduct of his or her own affairs in the exercise of the trustee's power. The trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any of the holders of the debt securities, unless they shall have offered to the trustee security and indemnity satisfactory to the trustee.

### **No Individual Liability of Incorporators, Stockholders, Officers or Directors**

The indenture provides that no incorporator and no past, present or future stockholder, officer or director of ours or any successor corporation in their capacity as such shall have any individual liability for any of our obligations, covenants or agreements under the debt securities or the indenture.

### **Governing Law**

The indenture and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York.

## DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock, preferred stock and/or debt securities in one or more series. We may issue warrants independently or together with common stock, preferred stock and/or debt securities, and the warrants may be attached to or traded separate and apart from these securities. Each series of warrants will be issued under a warrant agreement all as set forth in the prospectus supplement. A copy of the form of warrant agreement, including any form of warrant certificates representing the warrants, reflecting the provisions to be included in the warrant agreements and/or warrant certificates that will be entered into with respect to particular offerings of warrants, will be filed as an exhibit to a Form 8-K to be incorporated into the registration statement of which this prospectus constitutes a part prior to the issuance of any warrants.

The applicable prospectus supplement or term sheet will describe the terms of the warrants offered thereby, any warrant agreement relating to such warrants and the warrant certificates, including but not limited to the following:

- the offering price or prices;
- the aggregate amount of securities that may be purchased upon exercise of such warrants and minimum number of warrants that are exercisable;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the number of securities, if any, with which such warrants are being offered and the number of such warrants being offered with each security;
- the date on and after which such warrants and the related securities, if any, will be transferable separately;
- the amount of securities purchasable upon exercise of each warrant and the price at which the securities may be purchased upon such exercise, and events or conditions under which the amount of securities may be subject to adjustment;
- the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;
- the circumstances, if any, which will cause the warrants to be deemed to be automatically exercised;
- any material risk factors, if any, relating to such warrants;
- the identity of any warrant agent; and
- any other terms of such warrants (which shall not be inconsistent with the provisions of the warrant agreement).

Each warrant will entitle the holder to purchase a principal amount of common stock, preferred stock and/or debt securities at an exercise price as shall in each case be set forth in, or calculable from, the prospectus supplement relating to those warrants. Warrants may be exercised at the times set forth in the prospectus supplement relating to such warrants. After the close of business on the expiration date (or any later date to which the expiration date may be extended by us), unexercised warrants will become void. Subject to any restrictions and additional requirements that may be set forth in the prospectus supplement relating thereto, warrants may be exercised by delivery to the Company or its warrant agent of the certificate evidencing the warrants properly completed and duly executed and of payment as provided in the prospectus supplement of the amount required to purchase the debt securities or shares of common stock, shares of preferred stock, or depository shares purchasable upon such exercise. The exercise price will be the price applicable on the date of payment in full, as set forth in the prospectus supplement relating to the warrants. Upon receipt of the payment and the certificate representing the warrants to be exercised properly completed, duly executed and properly delivered as indicated in the prospectus supplement, we will, as soon as practicable, issue and deliver the debt securities or shares of common stock or preferred stock purchasable upon such exercise. If fewer than all of the warrants represented by that certificate are exercised, a new certificate will be issued for the remaining amount of warrants.

Prior to the exercise of any warrants, holders of such warrants will not have any rights of holders of the securities purchasable upon such exercise, including the right to receive payments of dividends, if any, on the securities purchasable upon such exercise, statutory appraisal rights or the right to vote such underlying securities.

Prospective purchasers of warrants should be aware that material U.S. federal income tax, accounting and other considerations may be applicable to instruments such as warrants.



## DESCRIPTION OF PURCHASE CONTRACTS

We may issue purchase contracts, including contracts obligating holders to purchase from us, and for us to sell to holders, a specific or variable number of our shares of common stock or preferred stock, depository shares, debt securities or warrants, or debt obligations of an entity unaffiliated with us, or any combination of the above, at a future date or dates. Alternatively, the purchase contracts may obligate us to purchase from holders, and obligate holders to sell to us, a specific or variable number of our shares of common stock or preferred stock, depository shares, debt securities, warrants or other property, or any combination of the above. The price of the securities or other property subject to the purchase contracts may be fixed at the time the purchase contracts are issued or may be determined by reference to a specific formula described in the purchase contracts. We may issue purchase contracts separately or as a part of units each consisting of a purchase contract and one or more of our other securities described in this prospectus or debt obligations of third parties, including U.S. Treasury securities, securing the holder's obligations under the purchase contract. The purchase contracts may require us to make periodic payments to holders or vice versa and the payments may be unsecured or pre-funded on some basis. The purchase contracts may require holders to secure the holder's obligations in a manner specified in the applicable prospectus supplement.

The applicable prospectus supplement will describe the terms of any purchase contracts in respect of which this prospectus is being delivered, including, to the extent applicable, the following:

- whether the purchase contracts obligate the holder or us to purchase or sell, or both purchase and sell, the securities subject to purchase under the purchase contract, and the nature and amount of each of those securities, or the method of determining those amounts;
- whether the purchase contracts are to be prepaid;
- whether the purchase contracts are to be settled by delivery, or by reference or linkage to the value, performance or level of the securities subject to purchase under the purchase contract;
- any acceleration, cancellation, termination or other provisions relating to the settlement of the purchase contracts;
- any applicable U.S. federal income tax considerations; and
- whether the purchase contracts will be issued in fully registered or global form.

To the extent any purchase contract relates to third party debt obligations, we will comply with the registration and disclosure requirements of the Securities Act and any other applicable rules and regulations and will include disclosure as necessary in the applicable prospectus supplement or other offering materials, including, as necessary, any required financial statement and non-financial statement disclosure about the issuer of such third party debt obligations.

The preceding description sets forth certain general terms and provisions of the purchase contracts to which any prospectus supplement may relate. The particular terms of the purchase contracts to which any prospectus supplement may relate and the extent, if any, to which the general provisions may apply to the purchase contracts so offered will be described in the applicable prospectus supplement. To the extent that any particular terms of the purchase contracts described in a prospectus supplement differ from any of the terms described above, then the terms described above will be deemed to have been superseded by that prospectus supplement. We encourage you to read the applicable purchase contract for additional information before you decide whether to purchase any of our purchase contracts.

## DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other securities described in this prospectus in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date.

The applicable prospectus supplement may describe:

- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and
- any additional terms of the governing unit agreement.

The applicable prospectus supplement will describe the terms of any units.

## PLAN OF DISTRIBUTION

We may sell the securities offered by this prospectus in any one or more of the following ways from time to time:

- directly to investors, including through a specific bidding, auction or other process;
- to investors through agents;
- directly to agents; -
- to or through brokers or dealers;
- to the public through underwriting syndicates led by one or more managing underwriters;
- to one or more underwriters acting alone for resale to investors or to the public; and
- through a combination of any such methods of sale.

We may also sell and distribute the securities offered by this prospectus from time to time in one or more transactions, including in “at the market offerings” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise.

The accompanying prospectus supplement will set forth the terms of the offering and the method of distribution and will identify any firms acting as underwriters, dealers or agents in connection with the offering, including:

- the name or names of any underwriters, dealers or agents;
- the purchase price of the securities and the proceeds to us from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any underwriting discounts and other items constituting compensation to underwriters, dealers or agents;
- any public offering price;
- any discounts or concessions allowed or reallowed or paid to dealers; and
- any securities exchange or market on which the securities offered in the prospectus supplement may be listed.

Only those underwriters identified in such prospectus supplement are deemed to be underwriters in connection with the securities offered in the prospectus supplement. Any underwritten offering may be on a best efforts or a firm commitment basis.

The distribution of the securities may be effected from time to time in one or more transactions at a fixed price or prices, which may be changed, at varying prices determined at the time of sale, or at prices determined as the applicable prospectus supplement specifies. The securities may be sold through a rights offering, forward contracts or similar arrangements. In any distribution of subscription rights to stockholders, if all of the underlying securities are not subscribed for, we may then sell the unsubscribed securities directly to third parties or may engage the services of one or more underwriters, dealers or agents, including standby underwriters, to sell the unsubscribed securities to third parties.

In connection with the sale of the securities, underwriters, dealers or agents may be deemed to have received compensation from us in the form of underwriting discounts or commissions and also may receive commissions from securities purchasers for whom they may act as agent. Underwriters may sell the securities to or through dealers, and the dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agent.

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We will provide in the applicable prospectus supplement information regarding any underwriting discounts or other compensation that we pay to underwriters or agents in connection with the securities offering, and any discounts, concessions or commissions which underwriters allow to dealers. Underwriters, dealers and agents participating in the securities distribution may be deemed to be underwriters, and any discounts and commissions they receive and any profit they realize on the resale of the securities may be deemed to be underwriting discounts and commissions under the Securities Act. Underwriters and their controlling persons, dealers and agents may be entitled, under agreements entered into with us, to indemnification against and contribution toward specific civil liabilities, including liabilities under the Securities Act.

Unless otherwise specified in the related prospectus supplement, each series of securities will be a new issue with no established trading market, other than shares of common stock, which are listed on the Nasdaq. Any common stock sold pursuant to a prospectus supplement will be listed on the Nasdaq, subject to official notice of issuance. We may elect to list any series of debt securities, preferred stock or depositary shares on an exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given as to the liquidity of, or the trading market for, any offered securities.

In connection with an offering, the underwriters may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in an offering. Stabilizing transactions consist of bids or purchases made for the purpose of preventing or retarding a decline in the market price of the securities while an offering is in progress. The underwriters also may impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the underwriters have repurchased securities sold by or for the account of that underwriter in stabilizing or short-covering transactions. These activities by the underwriters may stabilize, maintain or otherwise affect the market price of the securities. As a result, the price of the securities may be higher than the price that otherwise might exist in the open market. If these activities are commenced, they may be discontinued by the underwriters at any time. Underwriters may engage in over-allotment. If any underwriters create a short position in the securities in an offering in which they sell more securities than are set forth on the cover page of the applicable prospectus supplement, the underwriters may reduce that short position by purchasing the securities in the open market.

Underwriters, dealers or agents that participate in the offer of securities, or their affiliates or associates, may have engaged or engage in transactions with and perform services for, us or our affiliates in the ordinary course of business for which they may have received or receive customary fees and reimbursement of expenses.

## **LEGAL MATTERS**

Certain legal matters in connection with the offered depositary shares, debt securities, warrants, purchase contracts and units will be passed upon for us by Hogan Lovells US LLP, Denver, Colorado. Certain legal matters with respect to the offered common stock and preferred stock and with respect to Nevada corporate law will be passed upon for us by Gary R. Henrie, Esq., American Fork, Utah. The legality of the securities for any underwriters, dealers or agents will be passed upon by counsel as may be specified in the applicable prospectus supplement.

## **EXPERTS**

The consolidated financial statements of Lightbridge Corporation as of December 31, 2023 and 2022 and for the years then ended incorporated by reference in this Prospectus and in the Registration Statement have been so incorporated in reliance on the report of BDO USA, P.C., an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

**PART II**

**INFORMATION NOT REQUIRED IN THE PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution.**

The following is a statement of estimated expenses, to be paid solely by us, in connection with the issuance and distribution of the securities being registered hereby:

	<b>Amount to be Paid*</b>
SEC Registration Fee	\$ 11,070
FINRA Filing Fee	*
Legal Fees and Expenses	*
Accounting Fees and Expenses	*
Printing and miscellaneous expenses	*
Total	<u>\$ *</u>

\* All amounts shown herein, except the SEC registration fee, are estimated and may vary based upon, among other things, the number of issuances and amount of securities offered. We will pay all of these expenses.

**Item 15. Indemnification of Directors and Officers.**

We are a Nevada corporation and generally governed by the Nevada Private Corporations Code, Title 78 of the Nevada Revised Statutes, or NRS.

Section 78.138 of the NRS provides that, unless the corporation's articles of incorporation provide otherwise, a director or officer will not be individually liable unless it is proven that (i) the director's or officer's acts or omissions constituted a breach of his or her fiduciary duties, and (ii) such breach involved intentional misconduct, fraud or a knowing violation of the law.

Section 78.7502 of the NRS permits a Nevada corporation to indemnify its directors and officers against expenses, judgments, fines, and amounts paid in settlement actually and reasonably incurred in connection with a threatened, pending, or completed action, suit, or proceeding, except an action by or on behalf of the corporation, if the officer or director (i) is not liable pursuant to NRS 78.138, or (ii) acted in good faith and in a manner the officer or director reasonably believed to be in or not opposed to the best interests of the corporation and, if a criminal action or proceeding, had no reasonable cause to believe the conduct of the officer or director was unlawful. Section 78.7502 of the NRS also requires a corporation to indemnify its officers and directors if they have been successful on the merits or otherwise in defense of any claim, issue, or matter resulting from their service as a director or officer.

Section 78.751 of the NRS permits a Nevada corporation to indemnify its officers and directors against expenses incurred by them in defending a civil or criminal action, suit, or proceeding as they are incurred and in advance of final disposition thereof, upon determination by the stockholders, the disinterested board members, or by independent legal counsel. Section 78.751 of NRS requires a corporation to advance expenses as incurred upon receipt of an undertaking by or on behalf of the officer or director to repay the amount if it is ultimately determined by a court of competent jurisdiction that such officer or director is not entitled to be indemnified by the corporation if so provided in the corporation's articles of incorporation, bylaws, or other agreement. Section 78.751 of the NRS further permits the corporation to grant its directors and officers additional rights of indemnification under its articles of incorporation, bylaws or other agreement.

Section 78.752 of the NRS provides that a Nevada corporation may purchase and maintain insurance or make other financial arrangements on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another company, partnership, joint venture, trust or other enterprise, for any liability asserted against him and liability and expenses incurred by him in his capacity as a director, officer, employee or agent, or arising out of his status as such, whether or not the corporation has the authority to indemnify him against such liability and expenses.

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Our Articles of Incorporation, as amended, and our Amended and Restated Bylaws implement the indemnification and insurance provisions permitted by Chapter 78 of the NRS by providing that:

- We shall indemnify our directors and officers to the fullest extent permitted by the NRS against expense, liability and loss reasonably incurred or suffered by them in connection with their service as an officer or director; and
- We may purchase and maintain insurance, or make other financial arrangements, on behalf of any person who holds or who has held a position as a director, officer, or representative against liability, cost, payment, or expense incurred by such person.

At the present time, there is no pending litigation or proceeding involving a director, officer, employee or other agent of ours in which indemnification would be required or permitted. We are not aware of any threatened litigation or proceeding which may result in a claim for such indemnification.

**Item 16. Exhibits.**

<b>Exhibit No.</b>	<b>Description</b>
1.1+	Form of Underwriting Agreement.
3.1	<a href="#">Articles of Incorporation of the Registrant, as amended through October 27, 2022 (incorporated by reference to Exhibit 3.1 to the Registrant's Form 10-K filed on March 30, 2023).</a>
3.2	<a href="#">Amended and Restated Bylaws of the Registrant (incorporated by reference to Exhibit 3.1 to the Registrant's Quarterly Report on Form 10-Q filed on November 8, 2021).</a>
4.1	<a href="#">Specimen Certificate for Registrant's Common Stock (incorporated by reference to Exhibit 4.1 to the Registrant's registration statement on Form S-3 filed on April 1, 2013, File No. 333-187659).</a>
4.2+	Form of Certificate of Designation for Preferred Stock.
4.3+	Form of Preferred Stock Certificate.
4.4+	Form of Deposit Agreement (including form of Depositary Receipt).
4.5	<a href="#">Form of Indenture relating to debt securities (incorporated by reference to Exhibit 4.4 to the Registrant's registration statement on Form S-3 filed on April 1, 2013, File No. 333-187659).</a>
4.6+	Form of Supplemental Indenture or other instrument establishing the issuance of one or more series of senior debt securities or subordinated debt securities (including the form of such debt security).
4.7+	Form of Warrant Agreement (including form of Warrant).
4.8+	Form of Purchase Contract Agreement.
4.9+	Form of Unit Agreement (including form of Unit Certificate).
5.1*	<a href="#">Opinion of Gary R. Henrie, Esq.</a>
5.2*	<a href="#">Opinion of Hogan Lovells US LLP.</a>
23.1*	<a href="#">Consent of BDO USA, P.C.</a>
23.2*	Consent of Gary R. Henrie, Esq. (included in Exhibit 5.1).
23.3*	Consent of Hogan Lovells US LLP (included in Exhibit 5.2).
24	Power of Attorney (included on signature page hereof).
25**	Form T-1 Statement of Eligibility of the trustee for the debt securities.
107*	<a href="#">Filing Fee Table.</a>

+ To be filed by amendment or pursuant to a report to be filed pursuant to Section 13 or 15(d) of the Exchange Act, if applicable, and incorporated herein by reference.

\* Filed herewith.

\*\* To be filed separately pursuant to Section 305(b)(2) of the Trust Indenture Act of 1939, if applicable.

**Item 17. Undertakings.**

(a) The undersigned registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
  - (i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
  - (ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
  - (iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement,

*provided, however,* that subsections (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those subsections is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
  - (i) each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however,* that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.



- (5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
  - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
  - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
  - (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.
- (d) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of section 310 of the Trust Indenture Act ("Act") in accordance with the rules and regulations prescribed by the Commission under section 305(b)(2) of the Act.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements of filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Reston, Commonwealth of Virginia, on March 29, 2024.

**Lightbridge Corporation**

By: /s/ Seth Grae  
Seth Grae  
President and Chief Executive Officer

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Seth Grae and Larry Goldman, and each of them, his or her true and lawful attorneys-in-fact and agents, with full power of substitution and re-substitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any or all amendments (including post-effective amendments) to this registration statement (and any registration statement filed pursuant to Rule 462(b) under the Securities Act, as amended, for the offering which this registration statement relates), and to file the same, with all exhibits thereto, and other documents in connection therewith, with the SEC, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or their or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Seth Grae</u> Seth Grae	President, Chief Executive Officer and Director (Principal Executive Officer)	March 29, 2024
<u>/s/ Larry Goldman</u> Larry Goldman	Chief Financial Officer and Treasurer (Principal Financial and Accounting Officer)	March 29, 2024
<u>/s/ Thomas Graham, Jr.</u> Thomas Graham, Jr.	Chairman and Director	March 29, 2024
<u>/s/ Sweta Chakraborty</u> Sweta Chakraborty	Director	March 29, 2024
<u>/s/ Jesse Funches</u> Jesse Funches	Director	March 29, 2024
<u>/s/ Sherri Goodman</u> Sherri Goodman	Director	March 29, 2024
<u>/s/ Mark Tobin</u> Mark Tobin	Director	March 29, 2024
<u>/s/ Daniel B. Magraw</u> Daniel B. Magraw	Director	March 29, 2024

Gary R. Henrie  
Attorney at Law  
Licensed in the States of Nevada and Utah

619 South 1040 East  
American Fork, UT 84003

Telephone: 307-200-9415  
e-mail: grhlaw@hotmail.com

March 29, 2024

Lightbridge Corporation  
11710 Plaza America Drive  
Suite 2000  
Reston, VA 20190

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We are acting as special Nevada counsel for Lightbridge Corporation, a Nevada corporation (the "**Company**"), in connection with its registration statement on Form S-3, as amended (the "**Registration Statement**") filed by the Company with the Securities and Exchange Commission (the "**Commission**") under the Securities Act of 1933 (the "**Act**"), relating to the proposed public offering of up to \$75,000,000 in aggregate amount of one or more series of the following securities of the Company: (i) unsecured debt securities (the "**Debt Securities**"); (ii) shares of preferred stock, \$0.001 par value per share (the "**Preferred Shares**"); (iii) shares of common stock, \$0.001 par value per share (the "**Common Shares**"), (iv) warrants to purchase Debt Securities (the "**Debt Warrants**"); (v) warrants to purchase Preferred Shares (the "**Preferred Stock Warrants**"); (vi) warrants to purchase Common Shares (the "**Common Stock Warrants**"); (vii) Preferred Shares represented by depositary receipts (the "**Depositary Shares**"); (viii) purchase contracts to purchase or sell Debt Securities, Preferred Shares, Common Shares, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants or Depositary Shares, or debt obligations of third parties (the "**Purchase Contracts**"); and (ix) units consisting of any of the Company's other Securities (as defined herein) (the "**Units**," and together with the Debt Securities, Preferred Shares, Common Shares, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants, Depositary Shares and Purchase Contracts, the "**Securities**"), all of which may be sold from time to time and on a delayed or continuous basis, as set forth in the prospectus which forms a part of the Registration Statement (the "**Prospectus**"), and as to be set forth in one or more supplements to the Prospectus.

We have been advised by the Company that:

- A. The Debt Securities may be senior, senior subordinated or subordinated debt, and if issued, will be issued pursuant to an Indenture in substantially the form of Exhibit 4.5 to the Registration Statement (the "**Indenture**") to be entered into between the Company and a trustee to be identified in the Indenture (the "**Trustee**"). The form of the Debt Securities will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any Debt Securities will be set forth in a supplement to the Prospectus;

- B. The Debt Warrants will be issued pursuant to one or more debt warrant agreements to be entered into between the Company and a warrant agent selected by the Company (the “**Debt Warrant Agreement**”). The Debt Warrant Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any Debt Warrants will be set forth in a supplement to the Prospectus;
- C. The Preferred Stock Warrants may be issued pursuant to one or more equity warrant agreements to be entered into between the Company and a warrant agent selected by the Company (the “**Preferred Stock Warrant Agreement**”). The Preferred Stock Warrant Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any series of Preferred Stock Warrants will be set forth in a supplement to the Prospectus;
- D. The Common Stock Warrants may be issued pursuant to one or more equity warrant agreements to be entered into between the Company and a warrant agent selected by the Company (the “**Common Stock Warrant Agreement**”). The Common Stock Warrant Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any Common Stock Warrants will be set forth in a supplement to the Prospectus;
- E. The Depositary Shares will be issued pursuant to one or more deposit agreements to be entered into between the Company and a financial institution identified therein as a depository (the “**Deposit Agreement**”). The Deposit Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any series of Depositary Shares will be set forth in a supplement to the Prospectus;
- F. The Purchase Contracts will be issued pursuant to one or more agreements to be entered into between the Company and a financial institution or other party identified therein (the “**Purchase Agreement**”). The Purchase Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any series of Purchase Contracts will be set forth in a supplement to the Prospectus; and
- G. Units may be issued pursuant to one or more unit agreements to be entered into between the Company and a Unit agent selected by the Company (the “**Unit Agreement**”). The Unit Agreement will be filed either as an exhibit to an amendment to the Registration Statement to be filed after the date of this opinion or as an exhibit to a Current Report on Form 8-K to be filed after the Registration Statement has become effective, and the particular terms of any series of Units will be set forth in a supplement to the Prospectus.

We have reviewed and are familiar with such corporate proceedings and other matters as we have deemed necessary for this opinion.

In rendering the opinions set forth below, we have assumed that (i) all information contained in all documents reviewed by us is true and correct; (ii) all signatures on all documents examined by us are genuine; (iii) all documents submitted to us as originals are authentic and all documents submitted to us as copies conform to the originals of those documents; (iv) each natural person signing any document reviewed by us had the legal capacity to do so; (v) the Registration Statement, and any amendments thereto (including post-effective amendments) will have become effective and comply with all applicable laws; (vi) a prospectus supplement will have been prepared and filed with the Commission describing the Securities offered thereby; (vii) all Securities will be issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement and the applicable prospectus supplement; (viii) a definitive purchase, underwriting or similar agreement with respect to any Securities offered will have been duly authorized and validly executed and delivered by the Company and the other parties thereto; (ix) there will not have occurred any change in law affecting the validity or enforceability of such Securities; (x) at the time of the sale, issuance or delivery of the Securities, the authorization of such Securities by the Company's Board of Directors or applicable committee thereof will not have been modified or rescinded; (xi) with respect to the Common Shares and Preferred Shares, the Company will have a sufficient number of authorized but unissued shares thereof under its charter, and will have reserved from such authorized but unissued and unreserved shares, sufficient shares for the issuance thereof; (xii) the certificates representing the Securities will be duly authorized, executed and delivered; and (xiii) where applicable, the Securities will be properly authenticated by the manual signature of an authorized representative of the Trustee, warrant agent, unit agent or transfer agent.

Based upon the foregoing, we are of the opinion that:

1. The Common Shares (including any Common Shares duly issued upon the exchange or conversion of Debt Securities or Preferred Shares that are exchangeable for or convertible into Common Shares or upon the exercise of Common Stock Warrants, Purchase Contracts or Units and receipt by the Company of any additional consideration payable upon such conversion, exchange or exercise) will be validly issued, fully paid and nonassessable, provided that (i) the Company's Board of Directors or an authorized committee thereof has specifically authorized the issuance of such Common Shares in exchange for a consideration that the Board of Directors or such committee determines as adequate ("**Authorizing Resolutions**"), (ii) the offer and sale of the Common Shares and the issuance and delivery thereof are in conformity with the Company's charter and bylaws, and do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company and (iii) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

2. The Preferred Shares (including any Preferred Shares represented by Depositary Shares or that are duly issued upon the exercise of Preferred Stock Warrants, Purchase Contracts or Units and receipt by the Company of any additional consideration payable upon such exercise) will be validly issued, fully paid and nonassessable, provided that (i) such Preferred Shares are specifically authorized for issuance by Authorizing Resolutions which include the terms on and consideration for which the Preferred Shares are to be issued, (ii) the offer and sale of the Preferred Shares and the issuance and delivery thereof are in conformity with the Company's charter and bylaws, and do not violate any applicable law, or result in a default under or breach of any agreement or instrument binding on the Company or a violation of any restriction imposed by any court or governmental body having jurisdiction over the Company and (iii) the Company has received the consideration provided for in the applicable Authorizing Resolutions.

3. The Company has the corporate authority under Nevada law to execute and deliver one or more Indentures and the Debt Securities.
4. The Company has the corporate authority under Nevada law to execute and deliver one or more Debt Warrant Agreements.
5. The Company has the corporate authority under Nevada law to execute and deliver one or more Preferred Stock Warrant Agreements.
6. The Company has the corporate authority under Nevada law to execute and deliver one or more Common Stock Warrant Agreements.
7. The Company has the corporate authority under Nevada law to execute and deliver one or more Deposit Agreements.
8. The Company has the corporate authority under Nevada law to execute and deliver one or more Purchase Contracts Agreements.
9. The Company has the corporate authority under Nevada law to execute and deliver one or more Unit Agreements.

The foregoing opinions are qualified to the extent that the enforceability of any document, instrument or Securities may be limited by or subject to bankruptcy, insolvency, receivership, fraudulent transfer or conveyance, reorganization, moratorium or other similar laws relating to or affecting creditors' rights generally, and general equitable or public policy principles.

In providing this opinion, we have relied as to certain matters on information obtained from public officials and officers or agents of the Company.

We express no opinions concerning: (i) the validity or enforceability of any provisions contained in the Debt Securities, Indenture, Debt Warrant Agreement, Preferred Stock Warrant Agreement, Common Stock Warrant Agreement, Deposit Agreement, Purchase Agreement or Unit Agreement, as applicable, that purport to waive or not give effect to rights to notices, defenses, subrogation or other rights or benefits that cannot be effectively waived under applicable law; and (ii) any securities into which the Debt Securities, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants, Depository Shares, Purchase Contracts or Units, as applicable, may be convertible or exercisable, except as opined to herein. Furthermore, the opinions expressed herein as to the Indenture and the Debt Securities do not include any opinion with respect to the creation, validity, perfection or priority of any security interest or lien or any opinion with respect to compliance with laws relating to the permissible rates of interest.

It is understood that this opinion is to be used only in connection with the Registration Statement.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters. This opinion is limited to matters governed by the Nevada Revised Statutes (including the statutory provisions and reported judicial decisions interpreting such law) and the laws of the State of Nevada. We disclaim any obligation to update this opinion or otherwise advise you of any change in any of these sources of law or subsequent legal or factual developments which might affect any matters or opinions set forth herein, nor do we deliver any opinion as to the extent to which any laws other than the laws of the State of Nevada apply or the effect of any such other laws should they apply.

We hereby consent to the filing of this opinion as Exhibit 5.1 to the Registration Statement and to the use of our name under the caption "Legal Matters" in the Registration Statement and in the Prospectus and any supplement thereto. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission promulgated thereunder. Subject to all of the qualifications, limitations, exceptions, restrictions and assumptions set forth herein, Hogan Lovells US LLP may rely on this opinion as if it were an addressee hereof on this date for the sole purpose of rendering its opinion letter to the Company relating to the validity of the Securities (other than the Common Shares and Preferred Shares), as filed with the Commission as Exhibit 5.2 to the Registration Statement.

Sincerely,

/s/ Gary R. Henrie

Gary R. Henrie



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Denver, CO 80202  
T +1 303 899 7300  
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www.hoganlovells.com

March 29, 2024

Board of Directors  
Lightbridge Corporation  
11710 Plaza America Drive, Suite 2000  
Reston, VA 20190

To the addressee referred to above:

We are acting as counsel to Lightbridge Corporation, a Nevada corporation (the “**Company**”), in connection with its registration statement on Form S-3, as amended (the “**Registration Statement**”), filed with the Securities and Exchange Commission relating to the proposed public offering of up to \$75,000,000 in aggregate amount of one or more series of the following securities of the Company: (i) unsecured debt securities (the “**Debt Securities**”); (ii) shares of preferred stock, \$0.001 par value per share (the “**Preferred Shares**”); (iii) shares of common stock, \$0.001 par value per share (the “**Common Shares**”); (iv) warrants to purchase Debt Securities (the “**Debt Warrants**”); (v) warrants to purchase Preferred Shares (the “**Preferred Stock Warrants**”); (vi) warrants to purchase Common Shares (the “**Common Stock Warrants**”); (vii) Preferred Shares represented by depositary receipts (the “**Depositary Shares**”); (viii) purchase contracts to purchase or sell Debt Securities, Preferred Shares, Common Shares, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants or Depositary Shares, or debt obligations of third parties (the “**Purchase Contracts**”); and (ix) units consisting of any combination of two or more of the foregoing (the “**Units**,” and together with the Debt Securities, Preferred Shares, Common Shares, Debt Warrants, Preferred Stock Warrants, Common Stock Warrants, Depositary Shares and Purchase Contracts, the “**Securities**”), all of which may be sold from time to time and on a delayed or continuous basis, as set forth in the prospectus which forms a part of the Registration Statement, and as to be set forth in one or more supplements to the prospectus. This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, 17 C.F.R. § 229.601(b)(5), in connection with the Registration Statement.

For purposes of this opinion letter, we have examined copies of such agreements, instruments and documents as we have deemed an appropriate basis on which to render the opinions hereinafter expressed. In our examination of the aforesaid documents, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to us, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to us as copies (including pdfs). As to all matters of fact, we have relied on the representations and statements of fact made in the documents so reviewed, and we have not independently established the facts so relied on. This opinion letter is given, and all statements herein are made, in the context of the foregoing.

Hogan Lovells US LLP is a limited liability partnership registered in the state of Delaware. “Hogan Lovells” is an international legal practice that includes Hogan Lovells US LLP and Hogan Lovells International LLP, with offices in: Alicante Amsterdam Baltimore Berlin Beijing Birmingham Boston Brussels Colorado Springs Denver Dubai Dusseldorf Frankfurt Hamburg Hanoi Ho Chi Minh City Hong Kong Houston Johannesburg London Los Angeles Luxembourg Madrid Mexico City Miami Milan Minneapolis Monterrey Munich New York Northern Virginia Paris Philadelphia Riyadh Rome San Francisco São Paulo Shanghai Silicon Valley Singapore Sydney Tokyo Warsaw Washington, D.C. Associated Offices: Budapest Jakarta Shanghai FTZ. Business Service Centers: Johannesburg Louisville. For more information see [www.hoganlovells.com](http://www.hoganlovells.com)

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For purposes of this opinion letter, we have assumed that (i) the issuance, sale, amount and terms of any Securities of the Company to be offered from time to time will have been duly authorized and established by proper action of the board of directors of the Company or a duly authorized committee of such board (“**Board Action**”) consistent with the procedures and terms described in the Registration Statement and in accordance with the Company’s charter and bylaws and applicable Nevada corporate law, in a manner that does not violate any law, government or court-imposed order or restriction or agreement or instrument then binding on the Company or otherwise impair the legal or binding nature of the obligations represented by the applicable Securities; (ii) at the time of offer, issuance and sale of any Securities, the Registration Statement shall have become effective under the Securities Act of 1933, as amended (the “**Act**”), and no stop order suspending its effectiveness will have been issued and remain in effect; (iii) any Debt Securities will be issued pursuant to an indenture for Debt Securities substantially in the form of such indenture incorporate by reference as Exhibit 4.5 to the Registration Statement, with items shown in such exhibit as subject to completion completed in a satisfactory manner; (iv) the indenture under which any Debt Securities are issued will be qualified under the Trust Indenture Act of 1939, as amended; (v) any Debt Warrants will be issued under one or more debt warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (vi) any Preferred Stock Warrants will be issued under one or more equity warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (vii) any Common Stock Warrants will be issued under one or more equity warrant agreements, each to be between the Company and a financial institution identified therein as a warrant agent; (viii) prior to any issuance of Preferred Shares or Depositary Shares, appropriate certificates of designation will be accepted for record by the Secretary of State of the State of Nevada; (ix) any Depositary Shares will be issued under one or more deposit agreements by the financial institution identified therein as a depository, each deposit agreement to be between the Company and the financial institution identified therein as a depository; (x) any Purchase Contracts will be issued under one or more agreements, each to be between the Company and a financial institution or other party identified therein as unit agent; (xi) any Units will be issued under one or more unit agreements, each to be between the Company and a financial institution or other party identified therein as unit agent; (xii) if being sold by the issuer thereof, the Securities will be delivered against payment of valid consideration therefor and in accordance with the terms of the applicable Board Action authorizing such sale and any applicable underwriting agreement or purchase agreement and as contemplated by the Registration Statement and/or the applicable prospectus supplement; and (xiii) the Company will remain a Nevada corporation.

To the extent that the obligations of the Company with respect to the Securities may be dependent upon such matters, we assume for purposes of this opinion that the other party under the indenture for any Debt Securities, under the warrant agreement for any Debt Warrants, Preferred Stock Warrants or Common Stock Warrants, under the deposit agreement for any Depositary Shares, under the purchase agreement for any Purchase Contracts, and under the unit agreement for any Units and namely, the trustee, the warrant agent, the depository, the applicable counterparty or the unit agent, respectively, is duly organized, validly existing and in good standing under the laws of its jurisdiction of organization; that such other party is duly qualified to engage in the activities contemplated by such indenture, warrant agreement, deposit agreement, purchase agreement or unit agreement, as applicable; that such indenture, warrant agreement, deposit agreement, purchase agreement or unit agreement, as applicable, has been duly authorized, executed and delivered by the other party and constitutes the legal, valid and binding obligation of the other party enforceable against the other party in accordance with its terms; that such other party is in compliance with respect to performance of its obligations under such indenture, warrant agreement, deposit agreement, purchase agreement or unit agreement, as applicable, with all applicable laws and regulations; and that such other party has the requisite organizational and legal power and authority to perform its obligations under such indenture, warrant agreement, deposit agreement, purchase agreement or unit agreement, as applicable.

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This opinion letter is based as to matters of law solely on the applicable provisions of the laws of the State of New York (but not including any laws, statutes, ordinances, administrative decisions, rules or regulations of any political subdivision below the state level). We express no opinion herein as to any other statutes, rules, or regulations (and in particular, we express no opinion as to any effect that such other statutes, rules, or regulations may have on the opinions expressed herein).

Based upon, subject to and limited by the foregoing, we are of the opinion that:

- (a) The Debt Securities (including any Debt Securities duly issued upon the exercise of Debt Warrants, Purchase Contracts or Units), upon due execution and delivery of an indenture relating thereto on behalf of the Company and the trustee named therein, and upon authentication by such trustee and due execution and delivery on behalf of the Company in accordance with the indenture and any supplemental indenture relating thereto, will constitute valid and binding obligations of the Company.
  - (b) The Debt Warrants, upon due execution and delivery of a debt warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Debt Warrants by such warrant agent, and upon due execution and delivery of the Debt Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.
  - (c) The Preferred Stock Warrants, upon due execution and delivery of an equity warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Preferred Stock Warrants by such warrant agent, and upon due execution and delivery of the Preferred Stock Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.
  - (d) The Common Stock Warrants, upon due execution and delivery of an equity warrant agreement relating thereto on behalf of the Company and the warrant agent named therein and due authentication of the Common Stock Warrants by such warrant agent, and upon due execution and delivery of the Common Stock Warrants on behalf of the Company, will constitute valid and binding obligations of the Company.
  - (e) The depositary receipts evidencing the Depositary Shares, upon due countersignature thereof and issuance against a deposit of duly authorized and validly issued Preferred Shares in accordance with the deposit agreement relating thereto, will be validly issued and entitle the holders thereof to the rights specified in such depositary receipts and deposit agreement.
  - (f) The Purchase Contracts, upon due execution and delivery of a purchase agreement relating thereto on behalf of the Company, and upon due execution and delivery of one or more certificates bearing such terms on behalf of the Company, will constitute valid and binding obligations of the Company.
  - (g) The Units, upon due execution and delivery of a unit agreement relating thereto on behalf of the Company and the unit agent named therein, upon due authentication of the Units by such unit agent, and upon due execution and delivery of such Units and the underlying securities that are components of such Units in accordance with any applicable unit agreement and the applicable indenture (in the case of underlying Debt Securities), certificate of designations (in the case of underlying Preferred Stock), deposit agreement (in the case of underlying Depositary Shares), warrant agreement (in the case of underlying Debt Warrants, Preferred Stock Warrants or Common Stock Warrants, as applicable), or purchase agreement (in the case of underlying Purchase Contracts), and assuming that the underlying securities that are components of such Units have been duly and properly authorized for issuance and constitute valid and binding obligations enforceable against the issuer thereof in accordance with their terms, such Units will constitute valid and binding obligations of the Company.
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The opinions expressed above with respect to the valid and binding nature of obligations may be limited by bankruptcy, insolvency, reorganization, receivership, moratorium or other laws affecting creditors' rights and remedies (including, without limitation, the effect of statutory and other law regarding fraudulent conveyances, fraudulent, preferential or voidable transfers) and by the exercise of judicial discretion and the application of principles of equity, good faith, fair dealing, reasonableness, conscionability and materiality (regardless of whether the Securities are considered in a proceeding in equity or at law), including, without limitation, principles limiting the availability of specific performance and injunctive relief.

This opinion letter has been prepared for use in connection with the Registration Statement. We assume no obligation to advise of any changes in the foregoing subsequent to the effective date of the Registration Statement.

We hereby consent to the filing of this opinion letter as Exhibit 5.2 to the Registration Statement and to the reference to this firm under the caption "Legal Matters" in the prospectus constituting a part of the Registration Statement. In giving this consent, we do not thereby admit that we are an "expert" within the meaning of the Act.

Very truly yours,

/s/ Hogan Lovells US LLP

HOGAN LOVELLS US LLP

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Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in the Prospectus constituting a part of this Registration Statement of our report dated March 4, 2024, relating to the consolidated financial statements of Lightbridge Corporation appearing in the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

We also consent to the reference to us under the caption "Experts" in the Prospectus.

/s/ BDO USA, P.C.  
Philadelphia, Pennsylvania

March 29, 2024

## Calculation of Filing Fee Tables

Form S-3  
(Form Type)Lightbridge Corporation  
(Exact Name of Registrant as Specified in Its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered (1)	Proposed Maximum Offering Price per Unit (2)	Maximum Aggregate Offering Price (1)	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial Effective Date	Filing Fee Previously Paid in Connection with Unsold Securities to be Carried Forward
<b>Newly Registered Securities</b>												
Fees to be Paid	Debt	Debt Securities	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Equity	Common Stock, par value \$0.001 per share	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Equity	Preferred Stock, par value \$0.001 per share	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Other	Warrants (3)	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Other	Depository Shares (4)	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Other	Purchase Contracts	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Other	Units (5)	Rule 457(o)	-	-	-	-	-	-	-	-	-
	Unallocated (Universal) Shelf	Unallocated (Universal) Shelf	Rule 457(o)	\$75,000,000 (1)	(2)	\$75,000,000 (1)	\$147.60 per million	\$11,070	-	-	-	-
	<b>TOTAL</b>						\$147.60 per million	\$11,070	-	-	-	-
Fees Previously Paid	-	-	-	-	-	-	-	-	-	-	-	-
<b>Carry Forward Securities</b>												
Carry Forward Securities	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Offering Amounts</b>											
	<b>Total Fees Previously Paid</b>											
	<b>Total Fee Offsets</b>											
	<b>Net Fee Due</b>											

- (1) Includes an indeterminate aggregate principal amount and number of securities of each identified class of securities up to a proposed aggregate offering price of \$75,000,000, which may be offered by the registrant from time to time in unspecified numbers and at indeterminate prices, and as may be issued upon conversion, redemption, repurchase, exchange or exercise of any securities registered hereunder. Separate consideration may or may not be received for securities that are issuable upon conversion, exchange or exercise of other securities. In addition, pursuant to Rule 416 under the Securities Act of 1933, as amended, or the Securities Act, this registration statement also covers any additional securities that may be offered, issued or become issuable in connection with any stock split, stock dividend or similar transaction or pursuant to anti-dilution provisions of any of the securities.
- (2) The proposed maximum offering price per unit will be determined from time to time by the registrant in connection with the issuance by the registrant of the securities registered hereunder and is not specified as to each class of security pursuant to General Instruction II.D. of Form S-3 under the Securities Act. Such amount will be set forth in U.S. dollars or the equivalent thereof for any security denominated in one or more, or units of two or more, foreign currencies or composite currencies based on the exchange rate at the time of sale. Debt securities may be issued with original issue discount such that the aggregate initial public offering price will not exceed \$75,000,000 together with the other securities issued hereunder.
- (3) The warrants covered by this registration statement may be debt warrants, common stock warrants or preferred stock warrants.
- (4) To be represented by depository receipts and representing an interest in all or a specified portion of a share of preferred stock.
- (5) Any of the securities registered hereunder may be sold separately or as units with other securities registered hereunder.