
Item 1.01. Entry into a Material Definitive Agreement.

On February 7, 2023, Dynatrace, Inc. (the “Company”) entered into an underwriting agreement (the “Underwriting Agreement”) with BofA Securities, Inc., as underwriter (the “Underwriter”), and the selling stockholders named therein (the “Selling Stockholders”).

Pursuant to the terms of the Underwriting Agreement, the Selling Stockholders agreed to sell an aggregate of 15,000,000 shares (the “Shares”) of the Company’s common stock, \$0.001 par value per share (the “Common Stock”), to the Underwriter at a price per share of \$45.15 (the “Offering”). In addition, the Selling Stockholders granted the Underwriter an option to purchase, for a period of 30 calendar days from February 7, 2023, up to an additional 2,250,000 shares of Common Stock. The Company will not receive any proceeds from the sale of the Common Stock by the Selling Stockholders.

The Offering was registered under the Securities Act of 1933, as amended, pursuant to the Company’s automatic shelf registration statement on Form S-3 (File No. 333-240287) filed on August 3, 2020, including a prospectus supplement filed on February 7, 2023 (the “Registration Statement”). This Current Report on Form 8-K is being filed to incorporate the Underwriting Agreement by reference into such Registration Statement. A copy of the Underwriting Agreement is attached as Exhibit 1.1 hereto and is incorporated herein by reference. The foregoing description of the material terms of the Underwriting Agreement does not purport to be complete and is qualified in its entirety by reference to such exhibit.

The Offering is expected to close on or about February 10, 2023, subject to customary closing conditions. A copy of the legal opinion and consent of Goodwin Procter LLP relating to the Shares is attached as Exhibit 5.1 hereto.

Item 8.01. Other Events.

On February 7, 2023, the Company issued a press release announcing the Offering. A copy of this press release is filed as Exhibit 99.1 to this report and is incorporated herein by reference.

On February 7, 2023, the Company issued a press release announcing the pricing of the Offering. A copy of this press release is filed as Exhibit 99.2 to this report and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
1.1	Underwriting Agreement, dated February 7, 2023, among Dynatrace, Inc., BofA Securities Inc., as underwriter, and the selling stockholders named therein.
5.1	Opinion of Goodwin Procter LLP.
23.1	Consent of Goodwin Procter LLP (contained in Exhibit 5.1).
99.1	Launch Press Release issued by Dynatrace, Inc. dated February 7, 2023.
99.2	Pricing Press Release issued by Dynatrace, Inc. dated February 7, 2023.
104	Cover Page Interactive Data File - the cover page XBRL tags are embedded within the Inline XBRL document.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: February 9, 2023

Dynatrace, Inc.

By: /s/ James Benson
James Benson
Chief Financial Officer
(Principal Financial Officer)

Dynatrace, Inc.
Common Stock, par value \$0.001 per share
Underwriting Agreement

February 7, 2023

BofA Securities, Inc.
One Bryant Park
New York, NY 10036

Ladies and Gentlemen:

The stockholders named in Schedule II hereto (the “**Selling Stockholders**”) of Dynatrace, Inc., a Delaware corporation (the “**Company**”), propose, subject to the terms and conditions stated in this agreement (this “**Agreement**”), to sell to the Underwriters named in Schedule I hereto (the “**Underwriters**”) an aggregate of 15,000,000 shares (the “**Firm Shares**”) and, at the election of the Underwriters, up to 2,250,000 additional shares (the “**Optional Shares**”) of common stock, par value \$0.001 per share (“**Stock**”), of the Company. The Firm Shares and the Optional Shares that the Underwriters elect to purchase pursuant to Section 2 hereof are herein collectively called the “**Shares**”.

(1) (a) The Company, which for purposes of this Section 1 includes any predecessor of the Company, including, without limitation, Dynatrace LLC, a Delaware limited liability company, represents and warrants to, and agrees with, each of the Underwriters that:

(i) An “automatic shelf registration statement” as defined under Rule 405 under the Securities Act of 1933, as amended (the “**Act**”), on Form S-3 (File No. 333-240287) in respect of the Shares has been filed with the Securities and Exchange Commission (the “**Commission**”) not earlier than three years prior to the date hereof; such registration statement, and any post-effective amendment thereto, became effective on filing; and no stop order suspending the effectiveness of such registration statement or any part thereof has been issued and no proceeding for that purpose has been initiated or, to the knowledge of the Company, threatened by the Commission, and no notice of objection of the Commission to the use of such registration statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act has been received by the Company (the base prospectus filed as part of such registration statement, in the form in which it has most recently been filed with the Commission on or prior to the date of this Agreement, is hereinafter called the “**Basic Prospectus**”; any preliminary prospectus (including any preliminary prospectus supplement) relating to the Shares filed with the Commission pursuant to Rule 424(b) under the Act is hereinafter called a “**Preliminary Prospectus**”; the various parts of such registration statement, including all exhibits thereto but excluding any Form T-1 and including any prospectus supplement relating to the Shares that is filed with the Commission and deemed by virtue of Rule 430B under the Act to be part of such registration statement, each as amended at the time such part of the registration statement became

effective, are hereinafter collectively called the “**Registration Statement**”; the Basic Prospectus, as amended and supplemented immediately prior to the Applicable Time (as defined in Section 1(c) hereof), is hereinafter called the “**Pricing Prospectus**”; the form of the final prospectus relating to the Shares filed with the Commission pursuant to Rule 424(b) under the Act in accordance with Section 5(a) hereof is hereinafter called the “**Prospectus**”; any reference herein to the Basic Prospectus, the Pricing Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-3 under the Act, as of the date of such prospectus; any reference to any amendment or supplement to the Basic Prospectus, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include any post-effective amendment to the Registration Statement, any prospectus supplement relating to the Shares filed with the Commission pursuant to Rule 424(b) under the Act and any documents filed under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), and incorporated therein, in each case after the date of the Basic Prospectus, such Preliminary Prospectus, or the Prospectus, as the case may be; any reference to any amendment to the Registration Statement shall be deemed to refer to and include any annual report of the Company filed pursuant to Section 13(a) or 15(d) of the Exchange Act after the effective date of the Registration Statement that is incorporated by reference in the Registration Statement; any oral or written communication with potential investors undertaken in reliance on Rule 163B under the Act is hereinafter called a “**Testing-the-Waters Communication**”; and any Testing-the-Waters Communication that is a written communication within the meaning of Rule 405 under the Act is hereinafter called a “**Written Testing-the-Waters Communication**”; and any “issuer free writing prospectus” as defined in Rule 433 under the Act relating to the Shares is hereinafter called an “**Issuer Free Writing Prospectus**”);

(ii) (A) No order preventing or suspending the use of any Preliminary Prospectus or any Issuer Free Writing Prospectus has been issued by the Commission, and (B) each Preliminary Prospectus, at the time of filing thereof, conformed in all material respects to the requirements of the Act and the rules and regulations of the Commission thereunder, and did not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to any statements or omissions made in reliance upon and in conformity with the Underwriter Information (as defined in Section 9(c) of this Agreement);

(iii) For the purposes of this Agreement, the “**Applicable Time**” is 4:20 p.m. (Eastern time) on the date of this Agreement. The Pricing Prospectus, as supplemented by the information listed on Schedule III(c) hereto, taken together (collectively, the “**Pricing Disclosure Package**”), as of the Applicable Time, did not, and as of each Time of Delivery (as defined in Section 4(a) of this Agreement) will not, include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; and each Issuer Free Writing Prospectus and each Written Testing-the-Waters Communication does not conflict with the information contained in the Registration Statement, the Pricing Prospectus or the Prospectus, and each Issuer Free Writing Prospectus and each Written Testing-the-Waters Communication, each as supplemented by and taken together with the Pricing Disclosure

Package, as of the Applicable Time, did not include any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; provided, however, that this representation and warranty shall not apply to statements or omissions made in an Issuer Free Writing Prospectus or Written Testing-the-Waters Communication in reliance upon and in conformity with the Underwriter Information;

(iv) No documents were filed with the Commission since the Commission's close of business on the business day immediately prior to the date of this Agreement and prior to the execution of this Agreement, except as set forth on Schedule III(b) hereto;

(v) The documents incorporated by reference in the Pricing Prospectus and the Prospectus, when they became effective or were filed with the Commission, as the case may be, conformed in all material respects to the requirements of the Act or the Exchange Act, as applicable, and the rules and regulations of the Commission thereunder, and none of such documents contained an untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary to make the statements therein not misleading; any further documents so filed and incorporated by reference in the Pricing Prospectus and the Prospectus or any further amendment or supplement thereto, when such documents become effective or are filed with the Commission, as the case may be, will conform in all material respects to the requirements of the Act or the Exchange Act, as applicable, and the rules and regulations of the Commission thereunder and will not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; provided, however, that this representation and warranty shall not apply to any statements or omissions made in reliance upon and in conformity with the Underwriter Information; and no such documents were filed with the Commission since the Commission's close of business on the business day immediately prior to the date of this Agreement and prior to the execution of this Agreement, except as set forth on Schedule III(c) hereto;

(vi) The Registration Statement conforms, and the Prospectus and any further amendments or supplements to the Registration Statement and the Prospectus will conform, in all material respects to the requirements of the Act and the rules and regulations of the Commission thereunder and do not and will not, as of the applicable effective date as to each part of the Registration Statement, as of the applicable filing date as to the Prospectus and any amendment or supplement thereto, and as of each Time of Delivery, contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading; provided, however, that this representation and warranty shall not apply to any statements or omissions made in reliance upon and in conformity with the Underwriter Information;

(vii) Neither the Company nor any of its subsidiaries has, since the date of the latest audited financial statements included or incorporated by reference in the Pricing Prospectus, (i) sustained any material loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor dispute or court

or governmental action, order or decree or (ii) entered into any transaction or agreement (whether or not in the ordinary course of business) that is material to the Company and its subsidiaries taken as a whole or incurred any liability or obligation, direct or contingent, that is material to the Company and its subsidiaries taken as a whole, in each case otherwise than as set forth or contemplated in the Pricing Prospectus; and, since the respective dates as of which information is given in the Registration Statement and the Pricing Prospectus, there has not been any (x) change in the capital stock (other than as a result of (i) the exercise of any outstanding stock options or the settlement of any outstanding restricted stock units or the award of stock options or restricted stock units in the ordinary course of business pursuant to the Company's equity plans that are described in the Pricing Prospectus and the Prospectus or (ii) the issuance, if any, of stock upon conversion of Company securities as described in the Pricing Prospectus and the Prospectus) or long-term debt of the Company or any of its subsidiaries or (y) Material Adverse Effect (as defined below); as used in this Agreement, "**Material Adverse Effect**" shall mean any material adverse change or effect, or any development involving a prospective material adverse change or effect, in or affecting (i) the business, properties, general affairs, management, financial position, stockholders' equity or results of operations of the Company and its subsidiaries, taken as a whole, except as set forth or contemplated in the Pricing Prospectus, or (ii) the ability of the Company to perform its obligations under this Agreement, or to consummate the transactions contemplated in the Pricing Prospectus and the Prospectus;

(viii) The Company and its subsidiaries do not own any real property. The Company and its subsidiaries have good and marketable title to all personal property owned by them, in each case free and clear of all liens, encumbrances and defects except such as are described in the Pricing Prospectus or such as do not materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Company and its subsidiaries; and any real property and buildings held under lease by the Company and its subsidiaries are held by them under valid, subsisting and enforceable leases with such exceptions as are not material and do not materially interfere with the use made and proposed to be made of such property and buildings by the Company and its subsidiaries;

(ix) Each of the Company and each of its subsidiaries (i) has been duly organized and is validly existing as a corporation or other applicable entity in good standing under the laws of its jurisdiction of incorporation or organization, with power and authority (corporate and other) to own its properties and conduct its business as described in the Pricing Prospectus, or (ii) has been duly qualified as a foreign corporation, limited liability company or other entity for the transaction of business and is in good standing under the laws of each other jurisdiction in which it owns or leases properties or conducts any business so as to require such qualification, except where the failure to be so qualified or in good standing in any such jurisdiction would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and each subsidiary of the Company has been listed in the Registration Statement;

(x) The Company has an authorized capitalization as set forth in the Pricing Prospectus and all of the issued shares of capital stock of the Company, including the Shares to be sold by the Selling Stockholders hereunder, have been duly authorized and validly issued and

are fully paid and non-assessable and conform to the description of the Company's capital stock contained in the Pricing Disclosure Package and the Prospectus; and all of the issued shares of capital stock of each subsidiary of the Company have been duly authorized and validly issued, are fully paid and non-assessable and (except, in the case of any foreign subsidiary, for directors' qualifying shares) are owned directly or indirectly by the Company, free and clear of all liens, encumbrances, equities or claims;

(xi) The compliance by the Company with this Agreement and the consummation of the transactions contemplated in this Agreement and the Pricing Prospectus will not conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, (A) any indenture, mortgage, deed of trust, loan agreement, lease or other agreement or instrument to which the Company or any of its subsidiaries is a party or by which the Company or any of its subsidiaries is bound or to which any of the property or assets of the Company or any of its subsidiaries is subject, (B) the certificate of incorporation or by-laws or similar organizational documents of the Company or any of its subsidiaries, or (C) any statute or any judgment, order, rule or regulation of any court or governmental agency or body having jurisdiction over the Company or any of its subsidiaries or any of their properties, except in the case of clauses (A) and (C) above for such conflicts, breaches, violations or defaults that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and no consent, approval, authorization, order, registration or qualification of or with any such court or governmental agency or body is required for the sale of the Shares by the Selling Stockholders or the consummation by the Company of the transactions contemplated by this Agreement, except for the registration under the Act of the sale of the Shares, the registration of the Stock under the Exchange Act, the approval by the Financial Industry Regulatory Authority, Inc. ("**FINRA**") of the underwriting terms and arrangements, the approval for listing on the New York Stock Exchange (the "**Exchange**"), in each case, if applicable, and such consents, approvals, authorizations, orders, registrations or qualifications as may be required under state securities or Blue Sky laws, the rules and regulations of FINRA or the Exchange in connection with the purchase and distribution of the Shares by the Underwriters;

(xii) Neither the Company nor any of its subsidiaries is (i) in violation of its certificate of incorporation or by-laws or similar organizational documents, (ii) in violation of any statute or any judgment, order, rule or regulation of any court or governmental agency or body having jurisdiction over the Company or any of its subsidiaries or any of their properties, or (iii) in default in the performance or observance of any obligation, agreement, covenant or condition contained in any indenture, mortgage, deed of trust, loan agreement, lease or other agreement or instrument to which it is a party or by which it or any of its properties may be bound, except, in the case of the foregoing clauses (ii) and (iii), for such defaults as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect;

(xiii) The statements set forth in the Pricing Prospectus and the Prospectus under the caption "Description of Capital Stock", insofar as they purport to constitute a summary of the terms of the Company's capital stock, and under the caption "Material U.S. Federal Income Tax Considerations for Non-U.S. Holders of Our Common Stock", insofar as they

purport to describe the provisions of the laws and documents referred to therein, are accurate and complete in all material respects;

(xiv) Other than as set forth in the Pricing Prospectus, there are no legal or governmental proceedings pending to which the Company or any of its subsidiaries or, to the Company's knowledge, any officer or director of the Company is a party or of which any property or assets of the Company or any of its subsidiaries or, to the Company's knowledge, any officer or director of the Company is the subject which, if determined adversely to the Company or any of its subsidiaries (or such officer or director), would individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and, to the Company's knowledge, no such proceedings are threatened or contemplated by governmental authorities or others;

(xv) The Company is not an "investment company", as such term is defined in the Investment Company Act of 1940, as amended, and the rules and regulations of the Commission thereunder;

(xvi) (A) At the time of filing the Registration Statement, (ii) at the time of the most recent amendment thereto for the purposes of complying with Section 10(a)(3) of the Act (whether such amendment was by post-effective amendment, incorporated report filed pursuant to Section 13 or 15(d) of the Exchange Act or form of prospectus), and (iii) at the time the Company or any person acting on its behalf (within the meaning, for this clause only, of Rule 163(c) under the Act) made any offer relating to the Shares in reliance on the exemption of Rule 163 under the Act, the Company was a "well-known seasoned issuer" as defined in Rule 405 under the Act; and (B) at the time of filing the Registration Statement and any post-effective amendment thereto, at the earliest time thereafter that the Company or any offering participant made a bona fide offer (within the meaning of Rule 164(h)(2) under the Act) of the Shares, and at the date hereof, the Company was not, and the Company is not, and as of each Time of Delivery will not be, an "ineligible issuer", as defined in Rule 405 under the Act;

(xvii) BDO USA, LLP, which has audited certain financial statements of the Company and its subsidiaries, is an independent registered public accounting firm as required by the Act and the rules and regulations of the Commission thereunder and the Public Company Accounting Oversight Board;

(xviii) Ernst & Young LLP, which has reviewed certain financial statements of the Company and its subsidiaries, is an independent registered public accounting firm as required by the Act and the rules and regulations of the Commission thereunder and the Public Company Accounting Oversight Board;

(xix) The financial statements of the Company and its subsidiaries included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus, together with the related schedules and notes, present fairly the financial position of the Company and its subsidiaries at the dates indicated and the statement of operations, stockholders' equity and cash flows of the Company and its subsidiaries for the periods specified; the financial statements of the Company and its subsidiaries included or incorporated

by reference in the Registration Statement comply with the applicable requirements of the Act and have been prepared in conformity with U.S. generally accepted accounting principles (“GAAP”) applied on a consistent basis throughout the periods involved except as disclosed therein; the supporting schedules included or incorporated by reference in the Registration Statement, if any, present fairly the information required to be stated therein in accordance with GAAP; the selected financial data and the summary financial information included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus present fairly the information shown therein and have been compiled on a basis consistent with that of the audited financial statements included or incorporated by reference therein, except as disclosed therein. Except as included or incorporated by reference therein, no historical or pro forma financial statements or supporting schedules are required to be included or incorporated by reference in the Registration Statement, the Pricing Prospectus or the Prospectus under the Act and the rules and regulations of the Commission thereunder; to the extent included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus, the pro forma financial information and the related notes thereto included therein have been prepared in accordance with the applicable requirements of the Act; all disclosures contained or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus regarding “non-GAAP financial measures” (as such term is defined by the rules and regulations of the Commission) comply in all material respects with Regulation G of the Exchange Act, and Item 10 of Regulation S-K of the Act, to the extent applicable; all other financial information included or incorporated by reference in the Registration Statement, the Pricing Prospectus and the Prospectus has been derived from the accounting records of the Company and its subsidiaries and presents fairly in all material respects the information shown thereby;

(xx) There is and has been no failure on the part of the Company and any of the Company’s directors and officers, in their capacities as such, to comply with any provision of the Sarbanes-Oxley Act of 2002, as amended, and the rules and regulations promulgated in connection therewith (the “Sarbanes-Oxley Act”), including Section 402 relating to loans and Sections 302 and 906 related to certifications, as applicable;

(xxi) The Company maintains a system of internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) that complies with the requirements of the Exchange Act applicable to the Company and has been designed by the Company’s principal executive officer and principal financial officer, or under their supervision, to (i) provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP and (ii) provide reasonable assurance that (A) transactions are executed in accordance with management’s general or specific authorizations, (B) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain accountability for assets, (C) access to assets is permitted only in accordance with management’s general or specific authorization, (D) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences and (E) the interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Pricing Prospectus is accurate. The Company’s internal control

over financial reporting is effective and the Company is not aware of any material weaknesses in its internal control over financial reporting;

(xxii) Since the date of the latest audited financial statements included or incorporated by reference in the Pricing Prospectus, there has been no change in the Company's internal control over financial reporting that has materially adversely affected, or is reasonably likely to materially adversely affect, the Company's internal control over financial reporting;

(xxiii) The Company maintains disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Exchange Act) designed to comply with the requirements of the Exchange Act applicable to the Company; such disclosure controls and procedures have been designed to ensure that material information relating to the Company and its subsidiaries is made known to the Company's principal executive officer and principal financial officer by others within those entities; and such disclosure controls and procedures are effective;

(xxiv) This Agreement has been duly authorized, executed and delivered by the Company;

(xxv) The Company and its subsidiaries own, or otherwise have the right to use (including pursuant to license, sublicense, agreement or permission), the material patents, trademarks, service marks, patent applications, trade names, copyrights, trade secrets, domain names, information, know-how, proprietary rights and processes (collectively, "**Intellectual Property**") necessary to conduct the business of the Company and its subsidiaries as described in the Pricing Prospectus and the Prospectus and necessary in connection with the products and services under development, without any known conflict with or infringement of the intellectual property rights of others, and have taken reasonable steps to secure interests in such Intellectual Property and have taken reasonable steps to secure assignment of such Intellectual Property to the Company from its employees and contractors; except as set forth in the Pricing Prospectus and the Prospectus, to the Company's knowledge, there has not been any infringement by any third party of any Intellectual Property or other similar rights of the Company or any of its subsidiaries; except as set forth in the Pricing Prospectus and the Prospectus, there are no outstanding options, licenses or agreements of any kind relating to the Intellectual Property of the Company that are required to be set forth in the Pricing Prospectus and the Prospectus; except as set forth in the Pricing Prospectus and the Prospectus, neither the Company nor any of its subsidiaries is a party to or bound by any options, licenses or agreements with respect to the Intellectual Property of any other person or entity that are required to be set forth in the Pricing Prospectus and the Prospectus; to the knowledge of the Company, none of the technology employed by the Company has been obtained or is being used by the Company or its subsidiaries in violation of any contractual obligation binding on the Company or any of its subsidiaries or any of its directors or executive officers or any of its employees or otherwise in violation of the rights of any persons; except as disclosed in the Pricing Prospectus and the Prospectus, neither the Company nor any of its subsidiaries has received any material written communications alleging that the Company or any of its subsidiaries has violated, infringed or conflicted with, or, by conducting its business as described in the Pricing Prospectus and the Prospectus, would violate, infringe or conflict with any of the Intellectual Property of any other person or entity;

and the Company and its subsidiaries have taken and will maintain reasonable measures to prevent the unauthorized dissemination or publication of their confidential information and, to the extent contractually required to do so, the confidential information of third parties in their possession. The Company and its subsidiaries have used all software and other materials distributed under a “free,” “open source” or similar licensing model (including but not limited to the GNU General Public License, GNU Lesser General Public License and GNU Affero General Public License) (“**Open Source Materials**”) in compliance with all license terms applicable to such Open Source Materials; neither the Company nor any of its subsidiaries has used or distributed any Open Source Materials in a manner that requires or has required (i) the Company or any of its subsidiaries to permit a third party to reverse-engineer any products or services owned by the Company or any of its subsidiaries, or any software code or other technology owned by the Company or any of its subsidiaries, except as otherwise required by applicable law; or (ii) any products or services owned by the Company or any of its subsidiaries, or any software code or other technology owned by the Company or any of its subsidiaries, to be (A) disclosed or distributed to third parties in source code form, (B) licensed for the purpose of a third party making derivative works, or (C) redistributable to third parties at no charge;

(xxvi) The Company and its subsidiaries have (A) paid all federal, state, local and foreign taxes required to be paid through the date hereof, except any such taxes being contested in good faith and for which adequate reserves have been established in accordance with GAAP, and (B) filed all tax returns required to be filed through the date hereof, in each case except for those returns for which a request for extension has been filed and except where the failure to pay or file would not have a Material Adverse Effect; and there is no tax deficiency that has been, or could reasonably be expected to be, asserted against the Company or any of its subsidiaries or any of their respective properties or assets;

(xxvii) The Company and its subsidiaries possess all licenses, certificates, permits and other authorizations issued by, and have made all declarations and filings with, the appropriate federal, state, local or foreign governmental or regulatory authorities that are necessary for the ownership or lease of their respective properties or the conduct of their respective businesses as described in the Pricing Prospectus and the Prospectus; and neither the Company nor any of its subsidiaries has received notice of any revocation or modification of any such license, certificate, permit or authorization or has any reason to believe that any such license, certificate, permit or authorization will not be renewed in the ordinary course;

(xxviii) No labor disturbance by or dispute with employees of the Company or any of its subsidiaries exists or, to the Company’s knowledge, is contemplated or threatened, and the Company is not aware of any existing or imminent labor disturbance by, or dispute with, the employees of any of the Company’s or any of its subsidiaries’ principal suppliers, manufacturers, contractors or customers. Neither the Company nor any of its subsidiaries has received any notice of cancellation or termination with respect to any collective bargaining agreement to which it is a party;

(xxix) (A) Each employee benefit plan, within the meaning of Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended (“**ERISA**”), for which the

Company or any member of its “Controlled Group” (defined as any organization which is a member of a controlled group of corporations within the meaning of Section 414 of the Internal Revenue Code of 1986, as amended (the “Code”)) would have any liability (each, a “Plan”) has been maintained in compliance with its terms and the requirements of any applicable statutes, orders, rules and regulations, including but not limited to, ERISA and the Code, except for noncompliance that would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect; (B) no prohibited transaction, within the meaning of Section 406 of ERISA or Section 4975 of the Code, excluding transactions effected pursuant to a statutory or administrative exemption, has occurred with respect to any Plan that would, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect; (C) neither the Company nor any member of its Controlled Group have ever maintained or contributed to or participated in a Plan that is subject to the funding rules of Section 412 of the Code or Section 302 of ERISA or a “multiemployer plan” within the meaning of Section 4001(a)(3) of ERISA; and (D) there is no pending audit or investigation by the Internal Revenue Service, the U.S. Department of Labor or any other governmental agency or any foreign regulatory agency with respect to any Plan that would, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect;

(xxx) (A) The Company and its subsidiaries (1) are in compliance with any and all applicable federal, state, local and foreign laws (including common law), rules, regulations, requirements, decisions, decrees, orders and other legally enforceable requirements relating to the use, management, disposal or release of hazardous or toxic substances or wastes the environment, natural resources or the protection of human or worker health or safety (collectively, “**Environmental Laws**”), (2) have obtained and are in compliance with all permits, licenses, certificates or other authorizations or approvals required of them under applicable Environmental Laws to conduct their respective businesses, (3) have not received written notice of any actual or potential liability (including, without limitation, such liability of a third party that could reasonably be expected to have a Material Adverse Effect on the Company or any of its subsidiaries) under or relating to, or actual or potential violation of, any Environmental Laws, as the case may be as to clauses (1), (2) and/or (3), would not have a Material Adverse Effect;

(xxxi) There has been no storage, generation, transportation, use, handling, treatment, Release or threat of Release of Hazardous Substances by, due to or caused by the Company or any of its subsidiaries (or, to the Company’s knowledge, any other entity (including any predecessor) for whose acts or omissions the Company or any of its subsidiaries is or would reasonably be expected to be liable) at, on, under or from any property or facility now or previously owned, operated or leased by the Company or any of its subsidiaries, or at, on, under or from any other property, in violation of any Environmental Laws or in a manner or amount or to a location that would reasonably be expected to result in any liability under any Environmental Law. “**Hazardous Substances**” means any material, chemical, substance, waste, pollutant, contaminant, compound, mixture, or constituent thereof, in any form or amount, including petroleum (including crude oil or any fraction thereof) and petroleum products, natural gas liquids, asbestos and asbestos containing materials, and polychlorinated biphenyls, that is regulated or which can give rise to liability under any Environmental Law. “**Release**” means any

spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, disposing or migrating into or through the indoor or outdoor environment;

(xxxii) Except as would not have a Material Adverse Effect, neither the Company nor any of its subsidiaries has violated (A) any federal, state or local law or foreign law relating to discrimination in hiring, promotion or pay of employees, or (B) any applicable wage or hour laws;

(xxxiii) The Company and its subsidiaries have insurance covering their respective properties, operations, personnel and businesses, including business interruption insurance, which insurance, the Company believes, is in amounts and insures against such losses and risks as are reasonable; and neither the Company nor any of its subsidiaries has (A) received notice from any insurer or agent of such insurer that capital improvements or other expenditures are required or necessary to be made in order to continue such insurance or (B) any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage at reasonable cost from similar insurers as may be necessary to continue its business;

(xxxiv) Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, any director, officer, agent, employee, affiliate or other person associated with or acting on behalf of the Company or any of its subsidiaries has (i) made or taken an act in furtherance of an offer, promise or authorization of any unlawful contribution, gift, entertainment or other unlawful expense relating to political activity; (ii) made, offered, promised or authorized any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds, including of any government-owned or controlled entity or of a public international organization, or any person acting in an official capacity for or on behalf of the foregoing, or any political party, party official or candidate for political office; (iii) violated or is in violation of any provision of the Foreign Corrupt Practices Act of 1977, as amended, the Bribery Act 2010 of the United Kingdom, any applicable law or regulation implementing the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions or any other applicable anti-bribery or anti-corruption law; or (iv) made any bribe, rebate, payoff, influence payment, kickback or other unlawful payment, or offered, agreed, requested or promised to make any such payment or taken an act in furtherance of any bribe or other unlawful benefit, including, without limitation, any rebate, payoff, influence, benefit, kickback or other unlawful or improper payment or benefit; nor will the Company nor any of its subsidiaries nor any director, officer, agent, employee, affiliate or other person associated with or acting on behalf of the Company or any of its subsidiaries take any of the actions set forth in the foregoing (i) through (iv) of this sentence. The Company, its subsidiaries and its affiliates have instituted, maintain and enforce, and will continue to maintain and enforce, policies and procedures designed to promote and ensure compliance with all applicable anti-bribery and anti-corruption laws;

(xxxv) The operations of the Company and its subsidiaries are and have been conducted at all times in compliance with the requirements of applicable anti-money laundering laws, including, but not limited to, the Currency and Foreign Transactions Reporting Act of

1970, as amended, the money laundering statutes of all applicable jurisdictions, the rules and regulations promulgated thereunder, and any related or similar rules, regulations or guidelines issued, administered or enforced by any governmental agency having jurisdiction over the Company or any of its subsidiaries (collectively, the “**Money Laundering Laws**”) and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened;

(xxxvi) Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, any director, officer, agent, employee, affiliate or other person acting on behalf of the Company or any of its subsidiaries is currently the subject or the target of any sanctions administered or enforced by the U.S. Government, including, without limitation, the Office of Foreign Assets Control of the U.S. Department of the Treasury (“**OFAC**”), or the U.S. Department of State and including, without limitation, the designation as a “specially designated national” or “blocked person”, the European Union, His Majesty’s Treasury, the United Nations Security Council, the Swiss Secretariat of Economic Affairs, or other relevant sanctions authority (collectively, “**Sanctions**”), nor is the Company or any of its subsidiaries located, organized or resident in a country or territory that is the subject or target of Sanctions, including, without limitation, so-called Donetsk People’s Republic, or so-called Luhansk People’s Republic or any other Covered Region of Ukraine identified pursuant to Executive Order 14065 and the Crimea region, Cuba, Iran, North Korea and Syria (each, a “**Sanctioned Country**”). For the past five years, the Company and its subsidiaries have not knowingly engaged in and are not now knowingly engaged in any unlawful dealings or transactions with or involving any individual or entity, or in any country or territory that at the time of the dealing or transaction is or was the subject or the target of Sanctions or with any Sanctioned Country; the Company and its subsidiaries have instituted and maintain policies and procedures designed to promote and achieve continued compliance with Sanctions;

(xxxvii) No relationship, direct or indirect, exists between or among the Company or any of its subsidiaries, on the one hand, and the directors, officers, stockholders, customers, suppliers or other affiliates of the Company or any of its subsidiaries, on the other, that is required by the Act to be described in each of the Registration Statement and the Prospectus and that is not so described in such documents and in the Pricing Prospectus;

(xxxviii) The statistical and market-related data included or incorporated by reference in the Pricing Prospectus and the Prospectus is based on or derived from sources that the Company believes are reliable and accurate in all material respects, and, to the extent required, the Company has obtained the written consent to the use of such data from such sources;

(xxxix) There are no persons with registration rights or other similar rights to have any equity or debt securities registered for sale under the Registration Statement or included in the offering contemplated by this Agreement, except for such rights as may be described in the Pricing Prospectus and the Prospectus. The holders of outstanding shares of the Company’s

capital stock are not entitled to preemptive or other rights to subscribe for the Shares that have not been complied with or otherwise effectively waived;

(xl) The Company has operated its business in a manner compliant in all material respects with all applicable privacy, data security and data protection laws, rules and regulations (“**Privacy Rules**”), all contractual obligations and published all Company policies applicable to the Company’s collection, handling, usage, disclosure, transfer, storage, and other processing of all data or information that identifies a specific person (“**Personal Data**”), along with IP addresses and mobile device identifiers (“**Device and Activity Data**”), under any applicable Privacy Rules. The Company has implemented, maintains and materially complies with reasonable and appropriate administrative, technical and physical safeguards, as well as policies and procedures, designed to ensure the integrity, security and confidentiality of all Personal Data and all Device and Activity Data collected, handled, used, disclosed, transferred, stored or otherwise processed in connection with the Company’s operation of its business. Such safeguards, policies and procedures comply with all Privacy Rules in all material respects. The Company complies in all material respects with, has policies and procedures in place designed to ensure compliance with applicable Privacy Rules, including a publicly available privacy policy, and takes appropriate steps designed to ensure compliance with such policies and procedures. Such policies and procedures comply in all material respects with all applicable Privacy Rules as well as all contractual obligations applicable to the Company. The Company has required and does contractually require all third parties to which it provides any Personal Data to implement appropriate measures designed to maintain the privacy and security of such Personal Data and to implement appropriate measures designed to protect such Personal Data from unauthorized access by and/or disclosure to any unauthorized third parties. Except as disclosed in the Pricing Prospectus and the Prospectus, to the Company’s knowledge, the Company has not experienced any unauthorized access to, or unauthorized disclosure of, Personal Data maintained by the Company that has compromised the privacy and/or security of such Personal Data. The Company has not been subject to or associated with any complaints, claims, audits, investigations, lawsuits, enforcement actions, consent orders or allegations related to violations of Privacy Rules by the Company or otherwise related to the collection, handling, usage, disclosure, transfer, storage or other processing of Personal Data and, to the Company’s knowledge, there are no facts or circumstances that could form the basis for any such complaints, claims, audits, investigations, lawsuits, enforcement actions, consent orders or allegations;

(xli) Except as would not reasonably be expected to have a Material Adverse Effect, (A) the information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications, and databases owned (or purported to be owned) or controlled by the Company and its subsidiaries (collectively, “**IT Systems**”) operate and perform in all material respects as required in connection with, the operation of the business of the Company and its subsidiaries as currently conducted, and, to the knowledge of the Company, are free and clear of all viruses, bugs, contaminants, errors, defects, “Trojan horses,” “time bombs,” (as such terms are commonly understood in the software industry), malware and other corruptants or malicious code; and (B) the Company and its subsidiaries have taken commercially reasonable measures designed to protect the IT Systems. Without limiting the foregoing, the Company and its subsidiaries have implemented, maintained and complied with

commercially reasonable information technology measures designed to ensure the operation, redundancy and security of, and to protect against any material breach, destruction, loss, unauthorized distribution, use, access, disablement, misappropriation or modification, or other compromise or misuse of or relating to, the IT Systems (“**Breach**”). Except as disclosure in the Pricing Prospectus and the Prospectus and as would not reasonably be expected to have a Material Adverse Effect, there have been (i) no Breaches or outages, and (ii) no incidents, events or conditions under internal review or investigations relating to outages or any actual or suspected Breach;

(xlii) The Company has not and, to its knowledge, no one acting on its behalf has, (A) taken and will not take, directly or indirectly, any action that is designed to or that has constituted or would reasonably be expected to cause or result in stabilization or manipulation of the price of the Shares;

(xliii) Since the date as of which information is given in the Pricing Prospectus, and except as may otherwise be disclosed in the Pricing Prospectus, the Company has not (A) issued or granted any securities, other than pursuant to employee benefit plans, stock option plans or other employee compensation plans disclosed in the Pricing Prospectus or pursuant to outstanding options, rights or warrants, (B) incurred any material liability or obligation, direct or contingent, other than liabilities and obligations that were incurred in the ordinary course of business, (C) entered into any material transaction not in the ordinary course of business or (D) declared or paid any dividends on its capital stock;

(xliv) Except as described in the Pricing Prospectus and the Prospectus, there are no contracts, agreements or understandings between the Company and any person that would give rise to a valid claim against the Company or any Underwriter for a brokerage commission, finder’s fee or other like payment in connection with this offering;

(xlv) The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement fairly presents the information called for in all material respects and has been prepared in accordance with the Commission’s rules and guidelines applicable thereto;

(xlvi) There are no off-balance sheet arrangements (as defined in Regulation S-K Item 303(a)(4)(ii)) that may have a Material Adverse Effect;

(xlvii) The Company has the requisite corporate power and authority to execute, deliver and perform its obligations under this Agreement and to consummate the transactions contemplated hereby; and

(xlviii) There are no debt securities or preferred stock of, or guaranteed by, the Company that are rated by a “nationally recognized statistical rating organization,” as such term is defined in Section 3(a)(62) of the Exchange Act.

(b) Each of the Selling Stockholders severally and not jointly represents and warrants to, and agrees with, each of the Underwriters and the Company that:

(i) All consents, approvals, authorizations and orders necessary for the execution and delivery by such Selling Stockholder of this Agreement and for the sale and delivery of the Shares to be sold by such Selling Stockholder hereunder, have been obtained (except for the registration under the Act of the Shares and such consents, approvals, authorizations and orders as may be required under state securities or Blue Sky laws, the rules and regulations of FINRA or the approval for listing on the Exchange); and such Selling Stockholder has full right, power and authority to enter into this Agreement, and to sell, assign, transfer and deliver the Shares to be sold by such Selling Stockholder hereunder;

(ii) The sale of the Shares to be sold by such Selling Stockholder hereunder and the compliance by such Selling Stockholder with this Agreement and the consummation of the transactions herein and therein contemplated will not (A) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, any statute, indenture, mortgage, deed of trust, loan agreement, lease or other agreement or instrument to which such Selling Stockholder is a party or by which such Selling Stockholder is bound or to which any of the property or assets of such Selling Stockholder is subject, or (B) result in any violation of (i) the provisions of the certificate of incorporation or by-laws of such Selling Stockholder if such Selling Stockholder is a corporation, the partnership agreement of such Selling Stockholder if such Selling Stockholder is a partnership, or similar organizational documents if such Selling Stockholder is another type of entity or (ii) any statute or any judgment, order, rule or regulation of any court or governmental agency or body having jurisdiction over such Selling Stockholder or any of its subsidiaries or any property or assets of such Selling Stockholder, except in the case of clauses (A) and (B)(ii) for such conflicts, breaches or violations that would not reasonably be expected to have a material adverse effect on the ability of such Selling Stockholder to consummate the transactions contemplated by this Agreement (a “**Selling Stockholder Material Adverse Effect**”); and no consent, approval, authorization, order, registration or qualification of or with any such court or governmental body or agency is required for the performance by such Selling Stockholder of its obligations under this Agreement and the consummation by such Selling Stockholder of the transactions contemplated by this Agreement in connection with the Shares to be sold by such Selling Stockholder hereunder, except the registration under the Act of the Shares, the approval by FINRA of the underwriting terms and arrangements, the approval for listing on the Exchange and such consents, approvals, authorizations, orders, registrations or qualifications as may be required under state securities or Blue Sky laws in connection with the purchase and distribution of the Shares by the Underwriters or such that, if not obtained, would not, individually or in the aggregate, reasonably be expected to have a Selling Stockholder Material Adverse Effect;

(iii) Such Selling Stockholder has, and immediately prior to each Time of Delivery such Selling Stockholder will have, good and valid title to, or a valid “security entitlement” within the meaning of Section 8-501 of the New York Uniform Commercial Code in respect of, the Shares to be sold by such Selling Stockholder hereunder at such Time of Delivery, free and clear of all liens, encumbrances, equities or claims; and, upon delivery of such

Shares and payment therefor pursuant hereto, good and valid title to such Shares, free and clear of all liens, encumbrances, equities or claims, will pass to the several Underwriters;

(iv) On or prior to the date of the Pricing Prospectus, such Selling Stockholder has executed and delivered to the Underwriters an agreement substantially in the form of Annex I hereto.

(v) Such Selling Stockholder has not taken and will not take, directly or indirectly, any action that is designed to or that has constituted or might reasonably be expected to cause or result in stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Shares;

(vi) To the extent that any statements or omissions made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Prospectus or any amendment or supplement thereto are made in reliance upon and in conformity with written information furnished to the Company by such Selling Stockholder expressly for use therein, such Registration Statement and Preliminary Prospectus did, and the Prospectus and any further amendments or supplements to the Registration Statement and the Prospectus will, when they become effective or are filed with the Commission, as the case may be, not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading, it being understood and agreed that for the purposes of this Agreement, the only information so furnished by such Selling Stockholder consists of such Selling Stockholder's Selling Stockholder Information (as defined in Section 9(b) of this Agreement);

(vii) In order to document the Underwriters' compliance with the reporting and withholding provisions of the Tax Equity and Fiscal Responsibility Act of 1982 with respect to the transactions herein contemplated, such Selling Stockholder will deliver to the Underwriters prior to or at the First Time of Delivery a properly completed and executed United States Department of the Treasury Form W-9 (or other applicable form or statement specified by Department of the Treasury regulations in lieu thereof);

(viii) Such Selling Stockholder will deliver to the Underwriters, on the date of execution of this Agreement, a properly completed and executed Certification Regarding Beneficial Owners of Legal Entity Customers, together with copies of identifying documentation, and such Selling Stockholder undertakes to provide such additional supporting documentation as the Underwriters may reasonably request in connection with the verification of the foregoing certification;

(ix) The obligations of the Selling Stockholders hereunder shall not be terminated by operation of law, whether by the death or incapacity of any individual Selling Stockholder or, in the case of an estate or trust, by the death or incapacity of any executor or trustee or the termination of such estate or trust, or in the case of a partnership, limited liability company or corporation, by the dissolution of such partnership, limited liability company or corporation, or by the occurrence of any other event; if any individual Selling Stockholder or any such executor or trustee should die or become incapacitated, or if any such estate or trust should

be terminated, or if any such partnership, limited liability company or corporation should be dissolved, or if any other such event should occur, before the delivery of the Shares to be sold by such Selling Stockholder hereunder, certificates or book entry securities entitlements representing the Shares to be sold by such Selling Stockholder hereunder shall be delivered by or on behalf of the Selling Stockholders in accordance with the terms and conditions of this Agreement;

(x) Such Selling Stockholder is not (i) an employee benefit plan subject to Title I of ERISA, (ii) a plan or account subject to Section 4975 of the Code, or (iii) an entity deemed to hold "plan assets" of any such plan or account under Section 3(42) of ERISA, 29 C.F.R. 2510.3-101, or otherwise; and

(xi) Such Selling Stockholder will not directly or indirectly use the proceeds of the offering of the Shares hereunder, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other person or entity (i) to fund or facilitate any activities of or business with any person, or in any country or territory, that, at the time of such funding, is the subject or the target of Sanctions or (ii) in any other manner that will result in a violation by any person (including any person participating in the transaction, whether as underwriter, advisor, investor or otherwise) of Sanctions.

(2) Subject to the terms and conditions herein set forth, (a) each of the Selling Stockholders agrees, severally and not jointly, to sell to each of the Underwriters, and each of the Underwriters agrees, severally and not jointly, to purchase from each of the Selling Stockholders, at a purchase price per share of \$45.15, the number of Firm Shares (to be adjusted by you so as to eliminate fractional shares) determined by multiplying the aggregate number of Firm Shares to be sold by each of the Selling Stockholders as set forth opposite their respective names in Schedule II hereto by a fraction, the numerator of which is the aggregate number of Firm Shares to be purchased by such Underwriter as set forth opposite the name of such Underwriter in Schedule I hereto and the denominator of which is the aggregate number of Firm Shares to be purchased by all of the Underwriters from all of the Selling Stockholders hereunder and (b) in the event and to the extent that the Underwriters shall exercise the election to purchase Optional Shares as provided below, each of the Selling Stockholders agrees, severally and not jointly, to sell to each of the Underwriters, and each of the Underwriters agrees, severally and not jointly, to purchase from each of the Selling Stockholders, at the purchase price per share set forth in clause (a) of this Section 2 (provided that the purchase price per Optional Share shall be reduced by an amount per share equal to any dividends or distributions declared by the Company and payable on the Firm Shares but not payable on the Optional Shares), that portion of the number of Optional Shares as to which such election shall have been exercised (to be adjusted by you so as to eliminate fractional shares) determined by multiplying such number of Optional Shares by a fraction, the numerator of which is the maximum number of Optional Shares which such Underwriter is entitled to purchase as set forth opposite the name of such Underwriter in Schedule I hereto and the denominator of which is the maximum number of Optional Shares that all of the Underwriters are entitled to purchase hereunder.

The Selling Stockholders, as and to the extent indicated in Schedule II hereto, hereby grant to the Underwriters the right to purchase at their election up to 2,250,000 Optional Shares, at the purchase price per share set forth in the paragraph above, provided that the purchase price per Optional Share shall be reduced by an amount per share equal to any dividends or distributions declared by the Company and payable on the Firm Shares but not payable on the Optional Shares. Any such election to purchase Optional Shares may be exercised only by written notice from you to the Company and the Selling Stockholders, given within a period of 30 calendar days after the date of this Agreement and setting forth the aggregate number of Optional Shares to be purchased and the date on which such Optional Shares are to be delivered, as determined by you but in no event earlier than the First Time of Delivery (as defined in Section 4(a) hereof) or, unless you and the Attorneys-in-Fact otherwise agree in writing, earlier than two or later than ten business days after the date of such notice.

(3) Upon the authorization by you of the release of the Firm Shares, the several Underwriters propose to offer the Firm Shares for sale upon the terms and conditions set forth in the Prospectus.

(4) (a) The Shares to be purchased by each Underwriter hereunder, in definitive or book-entry form, and in such authorized denominations and registered in such names as the Underwriters may request upon at least forty-eight hours' prior notice to the Company and the Selling Stockholders shall be delivered by or on behalf of the Selling Stockholders to the Underwriters, through the facilities of the Depository Trust Company ("**DTC**"), for the account of such Underwriter, against payment by or on behalf of such Underwriter of the purchase price therefor by wire transfer of Federal (same-day) funds to the accounts specified by the Selling Stockholders, as applicable, to the Underwriters at least forty-eight hours in advance. The time and date of such delivery and payment shall be, with respect to the Firm Shares, 9:30 a.m., New York City time, on February 10, 2023 or such other time and date as the Underwriters, the Selling Stockholders may agree upon in writing, and, with respect to the Optional Shares, 9:30 a.m., New York City time, on the date specified by the Underwriters in each written notice given by the Underwriters of the Underwriters' election to purchase such Optional Shares, or such other time and date as the Underwriters and the Selling Stockholders may agree upon in writing. Such time and date for delivery of the Firm Shares is herein called the "**First Time of Delivery**", each such time and date for delivery of the Optional Shares, if not the First Time of Delivery, is herein called the "**Second Time of Delivery**", and each such time and date for delivery is herein called a "**Time of Delivery**".

(b) The documents to be delivered at each Time of Delivery by or on behalf of the parties hereto pursuant to Section 8 hereof, including the cross receipt for the Shares and any additional documents requested by the Underwriters pursuant to Section 8(o) hereof will be delivered to Wilmer Cutler Pickering Hale and Dorr LLP (the "**Closing Location**"), and the Shares will be delivered at the office of DTC or its designated custodian, all at such Time of Delivery. A virtual meeting will be held at the Closing Location at 4:00 p.m., New York City time, on the New York Business Day next preceding such Time of Delivery, at which meeting the final drafts of the documents to be delivered pursuant to the preceding sentence will be available for review by the parties hereto. For the purposes of this Agreement, "**New York**

Business Day” shall mean each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in New York are generally authorized or obligated by law or executive order to close.

(5) The Company agrees with each of the Underwriters:

(a) To prepare the Prospectus in a form approved by you and to file such Prospectus pursuant to Rule 424(b) under the Act not later than the Commission’s close of business on the second business day following the execution and delivery of this Agreement; to make no further amendment or any supplement to the Registration Statement, the Basic Prospectus or the Prospectus prior to the last Time of Delivery of which you disapprove promptly after reasonable notice thereof; to advise you, promptly after it receives notice thereof, of the time when any amendment to the Registration Statement has been filed or becomes effective or any amendment or supplement to the Prospectus has been filed and to furnish you with copies thereof; to file promptly all materials required to be filed by the Company with the Commission pursuant to Rule 433(d) under the Act; to file promptly all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of the Prospectus and for so long as the delivery of a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is required in connection with the offering or sale of the Shares to advise you, promptly after it receives notice thereof, of the issuance by the Commission of any stop order or of any order preventing or suspending the use of any Preliminary Prospectus or other prospectus in respect of the Shares, of the suspension of the qualification of the Shares for offering or sale in any jurisdiction, of the initiation or threatening of any proceeding for any such purpose, or of any request by the Commission for the amending or supplementing of the Registration Statement or the Prospectus or for additional information; and, in the event of the issuance of any stop order or of any order preventing or suspending the use of any Preliminary Prospectus or other prospectus relating to the Shares, of any notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act, or suspending any such qualification, to promptly use its best efforts to obtain the withdrawal of such order; and in the event of any such issuance of a notice of objection, promptly to take such steps including, without limitation, amending the Registration Statement or filing a new registration statement, at its own expense, as may be necessary to permit offers and sales of the Shares by the Underwriters (references herein to the Registration Statement shall include any such amendment or new registration statement);

(b) If required by Rule 430B(h) under the Act, to prepare a form of prospectus in a form approved by you and to file such form of prospectus pursuant to Rule 424(b) under the Act not later than may be required by Rule 424(b) under the Act; and to make no further amendment or supplement to such form of prospectus which shall be disapproved by you promptly after reasonable notice thereof;

(c) To promptly from time to time take such action as you may reasonably request to qualify the Shares for offering and sale under the securities laws of such jurisdictions as you may request and to comply with such laws so as to permit the continuance of sales and dealings

therein in such jurisdictions for as long as may be necessary to complete the distribution of the Shares, provided that in connection therewith the Company shall not be required to qualify as a foreign corporation where not otherwise required or to file a general consent to service of process in any jurisdiction where not otherwise required;

(d) Prior to 10:00 a.m., New York City time, on the New York Business Day next succeeding the date of this Agreement and from time to time, to furnish the Underwriters with written and electronic copies of the Prospectus in New York City in such quantities as you may reasonably request, and, if the delivery of a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is required at any time prior to the expiration of nine months after the time of issue of the Prospectus in connection with the offering or sale of the Shares and if at such time any event shall have occurred as a result of which the Prospectus as then amended or supplemented would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made when such Prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) is delivered, not misleading, or, if for any other reason it shall be necessary during such same period to amend or supplement the Prospectus or to file under the Exchange Act any document incorporated by reference in the Prospectus in order to comply with the Act or the Exchange Act, to notify you and upon your request to file such document and to prepare and furnish without charge to each Underwriter and to any dealer in securities (whose names and addresses the Underwriters shall furnish to the Company) as many written and electronic copies as you may from time to time reasonably request of an amended Prospectus or a supplement to the Prospectus which will correct such statement or omission or effect such compliance; and in case any Underwriter is required to deliver a prospectus (or in lieu thereof, the notice referred to in Rule 173(a) under the Act) in connection with sales of any of the Shares at any time nine months or more after the time of issue of the Prospectus, upon your request but at the expense of such Underwriter, to prepare and deliver to such Underwriter as many written and electronic copies as you may request of an amended or supplemented Prospectus complying with Section 10(a)(3) of the Act;

(e) To make generally available to its securityholders as soon as practicable (which may be satisfied by filing its Annual Report on Form 10-K with the Commission's EDGAR system), but in any event not later than sixteen months after the effective date of the Registration Statement (as defined in Rule 158(c) under the Act), an earnings statement of the Company and its subsidiaries (which need not be audited) complying with Section 11(a) of the Act and the rules and regulations of the Commission thereunder (including, at the option of the Company, Rule 158);

(f) (i) During the period beginning from the date hereof and continuing to and including the date that is thirty (30) days after the date of the Prospectus (the "**Company Lock-Up Period**"), not to (A) offer, sell, contract to sell, pledge, grant any option to purchase, make any short sale, lend or otherwise transfer or dispose of, directly or indirectly, or file with the Commission a registration statement under the Act relating to, any securities of the Company that are substantially similar to the Shares, including but not limited to any options or warrants to purchase shares of the Company's capital stock or any securities that are convertible into or

exchangeable for, or that represent the right to receive, shares of the Company's capital stock or any such substantially similar securities, or publicly disclose the intention to make any offer, sale, pledge, disposition or filing or (B) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Company's capital stock or any such other securities, whether any such transaction described in clause (A) or (B) above is to be settled by delivery of shares of the Company's capital stock or such other securities, in cash or otherwise (other than the Shares to be sold hereunder or pursuant to employee equity-based compensation plans existing on, or upon the conversion or exchange of convertible or exchangeable securities outstanding as of, the date of this Agreement), without the prior written consent of BofA Securities, Inc.; provided, however, that the restrictions in the foregoing sentence shall not apply to (a) the issuance by the Company of shares of Stock upon the exercise of an option, the settlement of restricted stock units or the conversion or exchange of convertible or exchangeable securities outstanding as of the date of this Agreement and described in the Pricing Prospectus; (b) the issuance by the Company of shares of the Company's capital stock or securities convertible into, exchangeable for or that represent the right to receive shares of the Company's capital stock, in each case pursuant to the Company's employee equity-based compensation plans, incentive plans, stock plans, or other arrangements in place as of the date of this Agreement and described in the Pricing Prospectus; (c) the filing of a registration statement on Form S-8 in connection with the registration of securities granted or to be granted pursuant to any employee equity-based compensation plan, incentive plan, stock plan or dividend reinvestment plan adopted and approved by the Company's board of directors that is described in the Pricing Prospectus; and (d) the issuance by the Company of shares of Stock in connection with the acquisition of the assets of, or a majority or controlling portion of the equity of, or a joint venture with another entity in connection with its acquisition by the Company or any of its subsidiaries of such entity; provided that the aggregate number of shares of Stock that the Company may issue pursuant to clause (d) shall not exceed 5% of the total number of shares of Stock issued and outstanding as of the date of this Agreement; provided further that each recipient of any shares of Stock issued or sold pursuant to clause (d) executes and delivers to the Underwriters prior to such issuance or sale (as the case may be) an agreement having substantially the same terms as the lock-up letters described in Section 8(j) of this Agreement;

(ii) During the Company Lock-Up Period, to the extent that any agreement between the Company and any holder of Stock or any securities of the Company that are substantially similar to the Shares, including but not limited to any options to purchase shares of the Company's capital stock or any securities that are convertible into or exchangeable for, or that represent the right to receive, shares of the Company's capital stock or any such substantially similar securities, contains or references any restriction similar to the restrictions contained in Annex I or any other form of "lock up" or "market stand-off provision", the Company will not waive any such restriction with respect to any such holder without the prior written consent of BofA Securities, Inc. and will take all reasonable actions necessary to enforce any such restriction, including imposing stop-transfer instructions with respect to such securities and instructing its transfer agent to place restrictive legends describing such restriction on the certificates or book-entries with respect to such securities;

(g) During a period of three years from the effective date of the Registration Statement, so long as the Company is subject to the reporting requirements of either Section 13 or Section 15(d) of the Exchange Act, to furnish to its stockholders as soon as practicable after the end of each fiscal year an annual report (including a balance sheet and statements of income, stockholders' equity and cash flows of the Company and its consolidated subsidiaries audited by independent public accountants) and, as soon as practicable after the end of each of the first three quarters of each fiscal year (beginning with the fiscal quarter ending after the effective date of the Registration Statement), to make available to its stockholders consolidated summary financial information of the Company and its subsidiaries for such quarter in reasonable detail; provided that no reports, documents or other information need to be furnished pursuant to this Section 5(g) to the extent that they are available on EDGAR.

(h) During a period of three years from the effective date of the Registration Statement, so long as the Company is subject to the reporting requirements of either Section 13 or Section 15(d) of the Exchange Act, to furnish to you copies of all reports or other communications (financial or other) furnished to stockholders, and to deliver to you (i) as soon as they are available, copies of any reports and financial statements furnished to or filed with the Commission or any national securities exchange on which any class of securities of the Company is listed; and (ii) such additional information concerning the business and financial condition of the Company as you may from time to time reasonably request (such financial statements to be on a consolidated basis to the extent the accounts of the Company and its subsidiaries are consolidated in reports furnished to its stockholders generally or to the Commission); provided that no reports, documents or other information need to be furnished pursuant to this Section 5(h) to the extent that they are available on EDGAR.

(i) To pay the required Commission filing fees relating to the Shares within the time required by Rule 456(b)(1) under the Act without regard to the proviso therein and otherwise in accordance with Rules 456(b) and 457(r) under the Act;

(j) To use its reasonable best efforts to maintain the listing of Stock on the Exchange;

(k) Upon request of any Underwriter, to furnish, or cause to be furnished, to such Underwriter an electronic version of the Company's trademarks, service marks and corporate logo for use on the website, if any, operated by such Underwriter for the purpose of facilitating the on-line offering of the Shares (the "**License**"); provided, however, that the License shall be used solely for the purpose described above, is granted without any fee and may not be assigned or transferred; and

(l) To deliver to the Underwriters, on the date of execution of this Agreement, a properly completed and executed Certification Regarding Beneficial Owners of Legal Entity Customers, together with copies of identifying documentation, and to provide such additional supporting documentation as the Underwriters may reasonably request in connection with the verification of the foregoing certification.

(6) (a) The Company represents and agrees that, without the prior consent of the Underwriters, it has not made and will not make any offer relating to the Shares that would

constitute a “free writing prospectus” as defined in Rule 405 under the Act; each Selling Stockholder represents and agrees that, without the prior consent of the Company and the Underwriters, it has not made and will not make any offer relating to the Shares that would constitute a free writing prospectus; and each Underwriter represents and agrees that, without the prior consent of the Company and the other Underwriter, it has not made and will not make any offer relating to the Shares that would constitute a free writing prospectus required to be filed with the Commission; any such free writing prospectus the use of which has been consented to by the Company and the Underwriters is listed on Schedule III(a) hereto;

(b) The Company represents and agrees that (i) it has not engaged in, or authorized any other person to engage in, any Testing-the-Waters Communications, other than Testing-the-Waters Communications with the prior consent of the Underwriters with entities that are qualified institutional buyers as defined in Rule 144A under the Act or institutions that are accredited investors as defined in Rule 501(a) under the Act; and (ii) it has not distributed, or authorized any other person to distribute, any Written Testing-the-Waters Communications, other than those distributed with the prior consent of the Underwriters that are listed on Schedule III(d) hereto; and the Company reconfirms that the Underwriters have been authorized to act on its behalf in engaging in Testing-the-Waters Communication;

(c) The Company has complied and will comply with the requirements of Rule 433 under the Act applicable to any Issuer Free Writing Prospectus, including timely filing with the Commission or retention where required and legending; and

(d) The Company agrees that if at any time following issuance of an Issuer Free Writing Prospectus or Written Testing-the-Waters Communication any event occurred or occurs as a result of which such Issuer Free Writing Prospectus or Written Testing-the-Waters Communication would conflict with the information in the Registration Statement, the Pricing Prospectus or the Prospectus or would include an untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances then prevailing, not misleading, the Company will give prompt notice thereof to the Underwriters and, if requested by the Underwriters, will prepare and furnish without charge to each Underwriter an Issuer Free Writing Prospectus, Written Testing-the-Waters Communication or other document which will correct such conflict, statement or omission; provided, however, that this covenant shall not apply to any statements or omissions in an Issuer Free Writing Prospectus or Written Testing-the-Waters Communication made in reliance upon and in conformity with the Underwriter Information (as defined below).

(7) The Company and each of the Selling Stockholders covenant and agree with one another and with the several Underwriters that (a) the Company will pay or cause to be paid the following: (i) the fees, disbursements and expenses of the Company’s counsel and accountants and one special counsel for the Selling Stockholders in connection with the registration of the Shares under the Act and all other expenses incurred in connection with the preparation, printing, reproduction and filing of the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, any Written Testing-the-Waters Communication, any Issuer Free Writing Prospectus and the Prospectus and amendments and supplements thereto and the mailing and delivering of

copies thereof to the Underwriters and dealers; (ii) the cost of printing or producing any Agreement among Underwriters, this Agreement, the Blue Sky Memorandum, if any, closing documents (including any compilations thereof) and any other documents in connection with the offering, purchase, sale and delivery of the Shares; (iii) all expenses in connection with the qualification of the Shares for offering and sale under state securities laws as provided in Section 5(c) hereof, including the reasonable and documented fees and disbursements of counsel for the Underwriters in connection with such qualification and in connection with the Blue Sky survey; and (iv) the filing fees incident to, and the fees and disbursements of counsel for the Underwriters in connection with, any required review by FINRA of the terms of the sale of the Shares (such fees, disbursements and expenses, including the fees and expenses in (iii) above, not to exceed \$30,000 in the aggregate); and (b) the Company will pay or cause to be paid: (i) the cost of preparing stock certificates, if applicable; (ii) the cost and charges of any transfer agent or registrar; and (iii) all other costs and expenses incident to the performance of its obligations hereunder which are not otherwise specifically provided for in this Section 7; provided that, in connection with the “road show” undertaken in connection with the marketing of the Shares, the Company and the Underwriters will each pay their own costs associated with hotel accommodations. Each Selling Stockholder will pay or cause to be paid all costs and expenses incident to the performance of such Selling Stockholder’s obligations hereunder in connection with (i) any fees and expenses of counsel for such Selling Stockholder other than the fees and expenses of the Company’s counsel and the Selling Stockholder counsel being paid for by the Company and (ii) all expenses and taxes incident to the sale and delivery of the Shares to be sold by such Selling Stockholder to the Underwriters hereunder. In connection with clause (ii) of the preceding sentence, the Underwriters agree to pay New York State stock transfer tax, and the Selling Stockholder agrees to reimburse the Underwriters for associated carrying costs if such tax payment is not rebated on the day of payment and for any portion of such tax payment not rebated. It is understood, however, that the Company shall bear, and the Selling Stockholders shall not be required to pay or to reimburse the Company for, the cost of any other matters not directly relating to the sale and purchase of the Shares pursuant to this Agreement, and that, except as provided in this Section 7, and Sections 9, 11 and 13 hereof, the Underwriters will pay all of their own costs and expenses, including the fees of their counsel, stock transfer taxes on resale of any of the Shares by them, and any advertising expenses connected with any offers they may make.

(8) The obligations of the Underwriters hereunder, as to the Shares to be delivered at each Time of Delivery, shall be subject, in their discretion, to the condition that all representations and warranties and other statements of the Company and the Selling Stockholders herein are, at and as of the Applicable Time and such Time of Delivery, true and correct, the condition that the Company and the Selling Stockholders shall have performed all of its and their obligations hereunder theretofore to be performed, and the following additional conditions:

(a) The Prospectus shall have been filed with the Commission pursuant to Rule 424(b) under the Act within the applicable time period prescribed for such filing by the rules and regulations under the Act and in accordance with Section 5(a) hereof; all material required to be filed by the Company pursuant to Rule 433(d) under the Act shall have been filed with the Commission within the applicable time period prescribed for such filing by Rule 433; no

stop order suspending the effectiveness of the Registration Statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission; no stop order suspending or preventing the use of the Pricing Prospectus, Prospectus or any Issuer Free Writing Prospectus shall have been initiated or threatened by the Commission and no notice of objection of the Commission to the use of the Registration Statement or any post-effective amendment thereto pursuant to Rule 401(g)(2) under the Act shall have been received; and all requests for additional information on the part of the Commission shall have been complied with to your reasonable satisfaction;

(b) Wilmer Cutler Pickering Hale and Dorr LLP, counsel for the Underwriters, shall have furnished to you such written opinion or opinions, dated such Time of Delivery, in form and substance satisfactory to you, and such counsel shall have received such papers and information as they may reasonably request to enable them to pass upon such matters;

(c) Goodwin Procter LLP, counsel for the Company, shall have furnished to you their written opinion or opinions, dated such Time of Delivery, in form and substance satisfactory to you;

(d) The respective counsel for each of the Selling Stockholders, as indicated in Schedule II hereto, each shall have furnished to you their written opinion with respect to each of the Selling Stockholders for whom they are acting as counsel, dated such Time of Delivery, in form and substance satisfactory to you;

(e) On the date of the Prospectus at a time prior to the execution of this Agreement, at 9:30 a.m., New York City time, on the effective date of any post-effective amendment to the Registration Statement filed subsequent to the date of this Agreement and also at each Time of Delivery, each of BDO USA, LLP and Ernst & Young LLP shall have furnished to you a letter or letters, dated the respective dates of delivery thereof, in form and substance satisfactory to you;

(f) On the date of the Prospectus at a time prior to the execution of this Agreement, at 9:30 a.m., New York City time, on the effective date of any post-effective amendment to the Registration Statement filed subsequent to the date of this Agreement and also at each Time of Delivery, the Company shall deliver to you a certificate of the Chief Financial Officer of the Company in form and substance satisfactory to you, certifying that certain factual statements in the Registration Statement or incorporated by reference therein are true and correct on and at such Time of Delivery with the same effect as if made on such Time of Delivery;

(g) On the date of the Prospectus at a time prior to the execution of this Agreement, at 9:30 a.m., New York City time, on the effective date of any post-effective amendment to the Registration Statement filed subsequent to the date of this Agreement and also at each Time of Delivery, the Company shall deliver to you a certificate of the Principal Accounting Officer of the Company in form and substance satisfactory to you, certifying that certain factual statements in the Registration Statement or incorporated by reference therein are true and correct on and at such Time of Delivery with the same effect as if made on such Time of Delivery;

(h) (i) Neither the Company nor any of its subsidiaries shall have sustained since the date of the latest audited financial statements included or incorporated by reference in the Pricing Prospectus any loss or interference with its business from fire, explosion, flood or other calamity, whether or not covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth or contemplated in the Pricing Prospectus, and (ii) since the respective dates as of which information is given in the Pricing Prospectus there shall not have been any change in the capital stock or long-term debt of the Company or any of its subsidiaries or any change or effect, or any development involving a prospective change or effect, in or affecting (x) the business, properties, general affairs, management, financial position, stockholders' equity, or results of operations of the Company and its subsidiaries, taken as a whole, except as set forth or contemplated in the Pricing Prospectus and the Prospectus, or (y) the ability of the Company to perform its obligations under this Agreement or to consummate the transactions contemplated in the Pricing Prospectus and the Prospectus, the effect of which, in any such case described in clause (i) or (ii), is in your judgment so material and adverse as to make it impracticable or inadvisable to proceed with the public offering or the delivery of the Shares being delivered at such Time of Delivery on the terms and in the manner contemplated in the Pricing Prospectus and the Prospectus;

(i) On or after the Applicable Time (i) no downgrading shall have occurred in the rating accorded the Company's debt securities by any "nationally recognized statistical rating organization", as defined in Section 3(a)(62) of the Exchange Act, and (ii) no such organization shall have publicly announced that it has under surveillance or review, with possible negative implications, its rating of any of the Company's debt securities;

(j) On or after the Applicable Time there shall not have occurred any of the following: (i) a suspension or material limitation in trading in securities generally on the Exchange or the Nasdaq Stock Market; (ii) a suspension or material limitation in trading in the Company's securities on the Exchange; (iii) a general moratorium on commercial banking activities declared by either Federal or New York or Massachusetts State authorities or a material disruption in commercial banking or securities settlement or clearance services in the United States; (iv) the outbreak or escalation of hostilities involving the United States or the declaration by the United States of a national emergency or war or (v) the occurrence of any other calamity or crisis or any change in financial, political or economic conditions in the United States or elsewhere, if the effect of any such event specified in clause (iv) or (v) in your judgment makes it impracticable or inadvisable to proceed with the public offering or the delivery of the Shares being delivered at such Time of Delivery on the terms and in the manner contemplated in the Pricing Prospectus and the Prospectus;

(k) The Shares to be sold at such Time of Delivery shall have been duly listed for trading on the Exchange;

(l) The Company shall have obtained and delivered to the Underwriters executed copies of an agreement from each director and executive officer of the Company, each Selling Stockholder, Thoma Bravo Partners X, L.P. and Thoma Bravo Partners XI, L.P., substantially to the effect set forth in Annex I hereto in form and substance satisfactory to you;

(m) The Company shall have complied with the provisions of Section 5(d) hereof with respect to the furnishing of prospectuses on the New York Business Day next succeeding the date of this Agreement;

(n) The Company and the Selling Stockholders shall have furnished or caused to be furnished to you at such Time of Delivery certificates of officers of the Company and of the Selling Stockholders, respectively, satisfactory to you as to the accuracy of the representations and warranties of the Company and the Selling Stockholders, respectively, herein at and as of such Time of Delivery, as to the performance by the Company and the Selling Stockholders of all of their respective obligations hereunder to be performed at or prior to such Time of Delivery, as to such other matters as you may reasonably request, and the Company shall have furnished or caused to be furnished certificates as to the matters set forth in subsections (a) and (f) of this Section 8;

(o) At each Time of Delivery, the Underwriters shall have received a certificate of the Secretary of the Company, as to such matters as the Underwriters may reasonably request; and

(p) At each Time of Delivery, the Company and the Selling Stockholders shall have furnished to the Underwriters such additional information, certificates, opinions or documents as the Underwriters may reasonably request.

(9) (a) The Company will indemnify and hold harmless each Underwriter against any losses, claims, damages or liabilities, joint or several, to which such Underwriter may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, any "road show" as defined in Rule 433(h) under the Act or any other marketing materials relating to the Shares, or any "issuer information" filed or required to be filed pursuant to Rule 433(d) under the Act or any Written Testing-the-Waters Communication prepared or authorized by the Company, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, and will reimburse each Underwriter for any legal or other expenses reasonably incurred by such Underwriter in connection with investigating or defending any such action or claim as such expenses are incurred; provided, however, that the Company shall not be liable in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus or any Written Testing-the-Waters Communication, in reliance upon and in conformity with the Underwriter Information.

(b) Each Selling Stockholder will, severally and not jointly, indemnify and hold harmless each Underwriter against any losses, claims, damages or liabilities, joint or several, to which such Underwriter may become subject, under the Act or otherwise, insofar as such losses,

claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon (i) an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, any Issuer Free Writing Prospectus, any roadshow or any Written Testing-the-Waters Communication, or (ii) the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case of clauses (i) and (ii), to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto or any Issuer Free Writing Prospectus, or any roadshow, or any Written Testing-the-Waters Communication, in reliance upon and in conformity with the Selling Stockholder Information; and will reimburse each Underwriter for any legal or other expenses reasonably incurred by such Underwriter in connection with investigating or defending any such action or claim as such expenses are incurred; provided, however, that such Selling Stockholder shall not be liable in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any roadshow, or any Issuer Free Writing Prospectus or Written Testing-the-Waters Communication, in reliance upon and in conformity with the Underwriter Information; and provided, further, that the liability of each Selling Stockholder pursuant to this subsection (b) shall not exceed the proceeds (net of any underwriting discounts and commissions but before deducting expenses) from the sale of the Shares sold by such Selling Stockholder hereunder (the “**Selling Stockholder Proceeds**”). As used in this Agreement with respect to a Selling Stockholder and an applicable document, “**Selling Stockholder Information**” shall mean the written information furnished to the Company by such Selling Stockholder expressly for use therein; it being understood and agreed upon that the only such information furnished by any Selling Stockholder consists of the following information in the Prospectus furnished on behalf of such Selling Stockholder: (i) the legal name, address and the number of shares of common stock owned by such Selling Stockholder before and after the offering contemplated hereby; and (ii) the other information with respect to such Selling Stockholder (excluding percentages) that appears in the table and corresponding footnotes under the caption “Principal and Selling Stockholders”.

(c) Each Underwriter will indemnify and hold harmless the Company and each Selling Stockholder against any losses, claims, damages or liabilities to which the Company or such Selling Stockholder may become subject, under the Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, or any road show, or any Written Testing-the-Waters Communication, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission

was made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus or any Written Testing-the-Waters Communication in reliance upon and in conformity with the Underwriter Information; and will reimburse the Company and each Selling Stockholder for any legal or other expenses reasonably incurred by the Company or such Selling Stockholder in connection with investigating or defending any such action or claim as such expenses are incurred. As used in this Agreement with respect to an Underwriter and an applicable document, “**Underwriter Information**” shall mean the written information furnished to the Company by such Underwriter expressly for use therein; it being understood and agreed upon that the only such information furnished by any Underwriter consists of the following information in the Prospectus furnished on behalf of each Underwriter: the information contained in the fifteenth paragraph under the caption “Underwriting”.

(d) Promptly after receipt by an indemnified party under subsection (a), (b) or (c) of this Section 9 of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify the indemnifying party in writing of the commencement thereof; provided that the failure to notify the indemnifying party shall not relieve it from any liability that it may have under the preceding paragraphs of this Section 9 except to the extent that it has been materially prejudiced (through the forfeiture of substantive rights or defenses) by such failure; and provided further that the failure to notify the indemnifying party shall not relieve it from any liability that it may have to an indemnified party otherwise than under the preceding paragraphs of this Section 9. In case any such action shall be brought against any indemnified party and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate therein and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with counsel reasonably satisfactory to such indemnified party (who shall not, except with the consent of the indemnified party, be counsel to the indemnifying party), and, after notice from the indemnifying party to such indemnified party of its election so to assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under such subsection for any legal expenses of other counsel or any other expenses, in each case subsequently incurred by such indemnified party, in connection with the defense thereof other than reasonable costs of investigation. No indemnifying party shall, without the written consent of the indemnified party, effect the settlement or compromise of, or consent to the entry of any judgment with respect to, any pending or threatened action or claim in respect of which indemnification or contribution may be sought hereunder (whether or not the indemnified party is an actual or potential party to such action or claim) unless such settlement, compromise or judgment (i) includes an unconditional release of the indemnified party from all liability arising out of such action or claim and (ii) does not include a statement as to or an admission of fault, culpability or a failure to act, by or on behalf of any indemnified party.

(e) If the indemnification provided for in this Section 9 is unavailable to or insufficient to hold harmless an indemnified party under subsection (a), (b) or (c) above in respect of any losses, claims, damages or liabilities (or actions in respect thereof) referred to therein, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of such losses, claims, damages or liabilities (or actions in respect

thereof) in such proportion as is appropriate to reflect the relative benefits received by the Company and the Selling Stockholders on the one hand and the Underwriters on the other from the offering of the Shares and with the proportion among the Company and the Selling Stockholders to reflect the relative fault of the Company and the Selling Stockholders. If, however, the allocation provided by the immediately preceding sentence is not permitted by applicable law, then each indemnifying party shall contribute to such amount paid or payable by such indemnified party in such proportion as is appropriate to reflect not only such relative benefits but also the relative fault of the Company and the Selling Stockholders on the one hand and the Underwriters on the other in connection with the statements or omissions which resulted in such losses, claims, damages or liabilities (or actions in respect thereof), as well as any other relevant equitable considerations and with the proportion among the Company and the Selling Stockholders to reflect the relative fault of the Company and the Selling Stockholders. The relative benefits received by the Selling Stockholders on the one hand and the Underwriters on the other shall be deemed to be in the same proportion as the total net proceeds from the offering (before deducting expenses) received by the Selling Stockholders bear to the total underwriting discounts and commissions received by the Underwriters, in each case as set forth in the table on the cover page of the Prospectus. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or the Selling Stockholders on the one hand or the Underwriters on the other and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission. The Company, each of the Selling Stockholders and the Underwriters agree that it would not be just and equitable if contribution pursuant to this subsection (e) were determined by pro rata allocation (even if the Selling Stockholders or the Underwriters were treated as one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to above in this subsection (e). The amount paid or payable by an indemnified party as a result of the losses, claims, damages or liabilities (or actions in respect thereof) referred to above in this subsection (e) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending any such action or claim. Notwithstanding the provisions of this subsection (e), (i) no Underwriter shall be required to contribute any amount in excess of the amount by which the total price at which the Shares underwritten by it and distributed to the public were offered to the public exceeds the amount of any damages which such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission, (ii) the contribution by the Selling Stockholders pursuant to this subsection (e) shall not exceed the Selling Stockholder Proceeds (without duplication of any amounts such Selling Stockholder has paid under subsection (b) above) and (iii) the Selling Stockholders shall be liable only to the extent that the relevant loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission, in each case, which relates to the Selling Stockholder made in the Registration Statement, the Basic Prospectus, any Preliminary Prospectus, the Pricing Prospectus or the Prospectus, or any amendment or supplement thereto, or any Issuer Free Writing Prospectus, or any roadshow, or any Written Testing-the-Waters Communication, in reliance upon and in conformity with any Selling Stockholder Information furnished to the Underwriters in writing by the Selling Stockholder expressly for use therein. No person guilty of fraudulent misrepresentation (within the meaning

of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations in this subsection (e) to contribute are several in proportion to their respective underwriting obligations and not joint and the Selling Stockholder's obligations in this subsection (e) to contribute are several in proportion to their Selling Stockholder Proceeds and not joint.

(f) The obligations of the Company and the Selling Stockholders under this Section 9 shall be in addition to any liability which the Company and the Selling Stockholders may otherwise have and shall extend, upon the same terms and conditions, to each employee, officer and director of each Underwriter and each person, if any, who controls any Underwriter within the meaning of the Act and each broker-dealer or other affiliate of any Underwriter; and the obligations of the Underwriters under this Section 9 shall be in addition to any liability which the respective Underwriters may otherwise have and shall extend, upon the same terms and conditions, to each officer and director of the Company and to each person, if any, who controls the Company or any Selling Stockholder within the meaning of the Act.

(g) Notwithstanding anything to the contrary in this Agreement, the aggregate liability of each Selling Stockholder under such Selling Stockholder's representations and warranties contained in Section 1(b) hereof, under any certificate delivered pursuant to this Agreement, under the indemnity and contribution agreements contained in this Section 9, or otherwise pursuant to this Agreement shall not exceed the Selling Stockholder Proceeds received by such Selling Stockholder.

(10) (a) If any Underwriter shall default in its obligation to purchase the Shares that it has agreed to purchase hereunder at a Time of Delivery, you may in your discretion arrange for you or another party or other parties to purchase such Shares on the terms contained herein. If within thirty-six hours after such default by any Underwriter you do not arrange for the purchase of such Shares, then the Selling Stockholders shall be entitled to a further period of thirty-six hours within which to procure another party or other parties satisfactory to you to purchase such Shares on such terms. In the event that, within the respective prescribed periods, you notify the Company and the Selling Stockholders that you have so arranged for the purchase of such Shares, or a Selling Stockholder notifies you that it has so arranged for the purchase of such Shares, you or the Selling Stockholders shall have the right to postpone such Time of Delivery for a period of not more than seven days, in order to effect whatever changes may thereby be made necessary in the Registration Statement or the Prospectus, or in any other documents or arrangements, and the Company agrees to file promptly any amendments or supplements to the Registration Statement or the Prospectus which in your opinion may thereby be made necessary. The term "**Underwriter**" as used in this Agreement shall include any person substituted under this Section with like effect as if such person had originally been a party to this Agreement with respect to such Shares.

(b) If, after giving effect to any arrangements for the purchase of the Shares of a defaulting Underwriter or Underwriters by you and the Selling Stockholders as provided in subsection (a) above, the aggregate number of such Shares which remains unpurchased does not exceed one-eleventh of the aggregate number of all the Shares to be purchased at such Time of

Delivery, then the Selling Stockholders shall have the right to require each non-defaulting Underwriter to purchase the number of Shares which such Underwriter agreed to purchase hereunder at such Time of Delivery and, in addition, to require each non-defaulting Underwriter to purchase its pro rata share (based on the number of Shares which such Underwriter agreed to purchase hereunder) of the Shares of such defaulting Underwriter or Underwriters for which such arrangements have not been made; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

(c) If, after giving effect to any arrangements for the purchase of the Shares of a defaulting Underwriter or Underwriters by you and the Selling Stockholders as provided in subsection (a) above, the aggregate number of such Shares which remains unpurchased exceeds one-eleventh of the aggregate number of all of the Shares to be purchased at such Time of Delivery, or if the Selling Stockholders shall not exercise the right described in subsection (b) above to require non-defaulting Underwriters to purchase Shares of a defaulting Underwriter or Underwriters, then this Agreement (or, with respect to a Second Time of Delivery, the obligations of the Underwriters to purchase and of the Selling Stockholders to sell the Optional Shares) shall thereupon terminate, without liability on the part of any non-defaulting Underwriter, the Company or the Selling Stockholders, except for the expenses to be borne by the Company, the Selling Stockholders and the Underwriters as provided in Section 7 hereof and the indemnity and contribution agreements in Section 9 hereof; but nothing herein shall relieve a defaulting Underwriter from liability for its default.

(11) The respective indemnities, agreements, representations, warranties and other statements of the Company, the Selling Stockholders and the several Underwriters, as set forth in this Agreement or made by or on behalf of them, respectively, pursuant to this Agreement, shall remain in full force and effect, regardless of any investigation (or any statement as to the results thereof) made by or on behalf of any Underwriter or any controlling person of any Underwriter, or the Company, or any of the Selling Stockholders, or any officer or director or controlling person of the Company, or any controlling person of any Selling Stockholder, and shall survive delivery of and payment for the Shares.

(12) If this Agreement shall be terminated pursuant to Section 10 hereof, neither the Company nor the Selling Stockholders shall then be under any liability to any Underwriter except as provided in Sections 7, 9 and 11 hereof; but, if for any other reason any Shares are not delivered by or on behalf of any of the Selling Stockholders as provided herein (other than pursuant to clauses (i), (iii), (iv) or (v) of Section 8(i) hereof), each of the Selling Stockholders pro rata (based on the number of Shares to be sold by such Selling Stockholder hereunder) will reimburse the Underwriters through you for all reasonable and documented out-of-pocket expenses approved in writing by you, including reasonable and documented fees and disbursements of counsel, reasonably incurred by the Underwriters in making preparations for the purchase, sale and delivery of the Shares not so delivered, but the Company and the Selling Stockholders shall then be under no further liability to any Underwriter except as provided in Sections 7, 9 and 11 hereof.

(13) In all dealings hereunder the parties hereto shall be entitled to act and rely upon any statement, request, notice or agreement jointly or individually on behalf of you as the Underwriters, and in all dealings with any POA Selling Stockholder hereunder, you and the Company shall be entitled to act and rely upon any statement, request, notice or agreement on behalf of such POA Selling Stockholder made or given by any or all of the Attorneys-in-Fact for such POA Selling Stockholder.

In accordance with the requirements of the USA Patriot Act (Title III of Pub. L. 107-56 (signed into law October 26, 2001)), the Underwriters are required to obtain, verify and record information that identifies their respective clients, including the Company and the Selling Stockholders, which information may include the name and address of their respective clients, as well as other information that will allow the Underwriters to properly identify their respective clients.

All statements, requests, notices and agreements hereunder shall be in writing, and if to the Underwriters shall be delivered or sent by mail, telex or facsimile transmission to BofA Securities, Inc., One Bryant Park New York, NY 10036 Attention: Syndicate Department; if to any Selling Stockholder shall be delivered or sent by mail, telex or facsimile transmission to counsel for such Selling Stockholder at its address set forth in Schedule II hereto; if to the Company shall be delivered or sent by mail, telex or facsimile transmission to the address of the Company set forth on the cover of the Registration Statement, Attention: Secretary; and if to any stockholder that has delivered a lock-up letter described in Section 8(k) hereof shall be delivered or sent by mail to his or her respective address in Schedule IV hereto or such other address as such stockholder provides in writing to the Company.

(14) This Agreement shall be binding upon, and inure solely to the benefit of, the Underwriters, the Company and the Selling Stockholders and, to the extent provided in Sections 9, 11 and 12 hereof, the officers and directors of the Company and each person who controls the Company, any Selling Stockholder or any Underwriter or any affiliate of any Underwriter, and their respective heirs, executors, administrators, successors and assigns, and no other person shall acquire or have any right under or by virtue of this Agreement. No purchaser of any of the Shares from any Underwriter shall be deemed a successor or assign by reason merely of such purchase.

(15) Time shall be of the essence of this Agreement. As used herein, the term "business day" shall mean any day when the Commission's office in Washington, D.C. is open for business.

(16) (a) The Company and the Selling Stockholders acknowledge and agree that (i) the purchase and sale of the Shares pursuant to this Agreement is an arm's-length commercial transaction between the Company and the Selling Stockholders, on the one hand, and the several Underwriters, on the other, (ii) in connection therewith and with the process leading to such transaction each Underwriter is acting solely as a principal and not the agent or fiduciary of the Company or any Selling Stockholder, (iii) no Underwriter has assumed an advisory or fiduciary responsibility in favor of the Company or any Selling Stockholder with respect to the offering contemplated hereby or the process leading thereto (irrespective of whether such Underwriter has advised or is currently advising the Company or any Selling Stockholder on other matters) or any other obligation to the Company or any Selling Stockholder except the obligations expressly set

forth in this Agreement, (iv) the Company and each Selling Stockholder has consulted its own legal and financial advisors to the extent it deemed appropriate and (v) none of the activities of the Underwriters in connection with the transactions contemplated herein constitutes a recommendation, investment advice, or solicitation of any action by the Underwriters with respect to any entity or natural person. The Company and each Selling Stockholder agrees that it will not claim that the Underwriters, or any of them, has rendered advisory services of any nature or respect, or owes a fiduciary or similar duty to the Company or any Selling Stockholder, in connection with such transaction or the process leading thereto.

(b) If any Selling Stockholder is (1) an employee benefit plan subject to Title I of ERISA, (2) a plan or account subject to Section 4975 of the Code or (3) an entity deemed to hold “plan assets” of any such plan or account, then such Selling Stockholder hereby represents, solely for purposes of assisting each Underwriter in forming a reasonable belief as to the following in order to enable the Underwriter to rely on the exception from fiduciary status under U.S. Department of Labor Regulations set forth in Section 29 CFR 2510.3-21(c)(1), that such Selling Stockholder is acting through a fiduciary that: (i) is an entity specified in Section 29 CFR 2510.3-21(c)(1)(i)(A)-(E); (ii) is independent (for purposes of Section 29 CFR 2510.3-21(c)(1)) of each Underwriter; (iii) is capable of evaluating investment risks independently, both in general and with regard to particular transactions and investment strategies, including such Selling Stockholder’s transactions with each Underwriter hereunder; (iv) has been advised that, with respect to each Underwriter, neither the Underwriter nor any of its respective affiliates has undertaken or will undertake to provide impartial investment advice, or has given or will give advice in a fiduciary capacity, in connection with such Selling Stockholder’s transactions with the Underwriter contemplated hereby; (v) is a “fiduciary” under Section 3(21)(a) of ERISA or Section 4975(e)(3) of the Code, or both, as applicable with respect to, and is responsible for exercising independent judgment in evaluating, such Selling Stockholder’s transactions with each Underwriter contemplated hereby; and (vi) understands and acknowledges the existence and nature of the underwriting discounts, commissions and fees, and any other related fees, compensation arrangements or financial interests, described in the Pricing Disclosure Package and the Prospectus; and understands, acknowledges and agrees that no such fee or other compensation is a fee or other compensation for the provision of investment advice, and that none of the Underwriters nor any of their respective affiliates, nor any of their respective directors, officers, members, partners, employees, principals or agents has received or will receive a fee or other compensation from such Selling Stockholder or such fiduciary for the provision of investment advice (rather than other services) in connection with such Selling Stockholder’s transactions with each Underwriter contemplated hereby.

(c) Each Selling Stockholder further acknowledges and agrees that, although the Underwriters may provide certain Selling Stockholder with certain Regulation Best Interest and Form CRS disclosures or other related documentation in connection with the offering, the Underwriters are not making a recommendation to any Selling Stockholder to participate in the offering or sell any Shares, and nothing set forth in such disclosures or documentation is intended to suggest that any Underwriter is making such a recommendation.

(17) This Agreement supersedes all prior agreements and understandings (whether written or oral) between or among the Company, the Selling Stockholders and the Underwriters, or any of them, with respect to the subject matter hereof.

(18) This Agreement and any claim, controversy or dispute arising under this Agreement shall be governed by and construed in accordance with the laws of the State of New York without regard to principles of conflict of laws that would result in the application any other law than the laws of the State of New York. The Company and each Selling Stockholder agree that any suit or proceeding arising in respect of this Agreement or any transaction contemplated by this Agreement will be tried exclusively in the U.S. District Court for the Southern District of New York or, if that court does not have subject matter jurisdiction, in any state court located in The City and County of New York and the Company and each Selling Stockholder agree to submit to the jurisdiction of, and to venue in, such courts.

(19) The Company, each Selling Stockholder and each of the Underwriters hereby irrevocably waive, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

(20) This Agreement and any transaction contemplated by this Agreement may be executed by any one or more of the parties hereto in any number of counterparts, each of which shall be deemed to be an original, but all such counterparts shall together constitute one and the same instrument. Counterparts may be delivered via facsimile, electronic mail (including any electronic signature covered by the U.S. federal ESIGN Act of 2000, Uniform Electronic Transactions Act, the Electronic Signatures and Records Act or other applicable law, e.g., www.docusign.com) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

(21) Notwithstanding anything herein to the contrary, the Company and the Selling Stockholders are authorized to disclose to any persons the U.S. federal and state income tax treatment and tax structure of the potential transaction and all materials of any kind (including tax opinions and other tax analyses) provided to the Company and the Selling Stockholders relating to that treatment and structure, without the Underwriters imposing any limitation of any kind. However, any information relating to the tax treatment and tax structure shall remain confidential (and the foregoing sentence shall not apply) to the extent necessary to enable any person to comply with securities laws. For this purpose, “tax structure” is limited to any facts that may be relevant to that treatment.

(22) Recognition of the U.S. Special Resolution Regimes.

(a) In the event that any Underwriter that is a Covered Entity becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this

Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

(b) In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

(c) For purposes of this Section 22, a “**BHC Act Affiliate**” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k). “**Covered Entity**” means any of the following: (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b); (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b). “**Default Right**” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable. “**U.S. Special Resolution Regime**” means each of (i) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (ii) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

If the foregoing is in accordance with your understanding, please indicate your acceptance of this Agreement by signing below, and upon the acceptance hereof by you, on behalf of each of the Underwriters, this letter and such acceptance hereof shall constitute a binding agreement among each of the Underwriters, the Company and each of the Selling Stockholders. It is understood that your acceptance of this letter on behalf of each of the Underwriters is pursuant to the authority set forth in a form of Agreement among Underwriters, the form of which shall be submitted to the Company and the Selling Stockholders for examination, upon request, but without warranty on your part as to the authority of the signers thereof.

[Remainder of page intentionally left blank]

Very truly yours,

Dynatrace, Inc.

By: /s/ Rick McConnell
Name: Rick McConnell
Title: Chief Executive Officer

THOMA BRAVO FUND XI, L.P.

By: Thoma Bravo Partners XI, L.P.
Its: General Partner

By: Thoma Bravo UGP XI, LLC
Its: General Partner

By: Thoma Bravo UGP, LLC
Its: Managing Member

By: /s/ Seth Boro
Name: Seth Boro
Title: Managing Partner

THOMA BRAVO FUND XI-A, L.P.

By: Thoma Bravo Partners XI, L.P.
Its: General Partner

By: Thoma Bravo UGP XI, LLC
Its: General Partner

By: Thoma Bravo UGP, LLC
Its: Managing Member

By: /s/ Seth Boro
Name: Seth Boro
Title: Managing Partner

THOMA BRAVO FUND X-A, L.P.

By: Thoma Bravo Partners X, L.P.
Its: General Partner

By: Thoma Bravo UGP X, LLC
Its: General Partner

By: Thoma Bravo UGP, LLC
Its: Managing Member

By: /s/ Seth Boro
Name: Seth Boro
Title: Managing Partner

THOMA BRAVO EXECUTIVE FUND XI, L.P.

By: Thoma Bravo Partners XI, L.P.
Its: General Partner

By: Thoma Bravo UGP XI, LLC
Its: General Partner

By: Thoma Bravo UGP, LLC
Its: Managing Member

By: /s/ Seth Boro
Name: Seth Boro
Title: Managing Partner

THOMA BRAVO FUND X, L.P.

By: Thoma Bravo Partners X, L.P.
Its: General Partner

By: Thoma Bravo UGP X, LLC
Its: General Partner

By: Thoma Bravo UGP, LLC
Its: Managing Member

By: /s/ Seth Boro
Name: Seth Boro
Title: Managing Partner

AP Copper 2014 I C.V.

By: AlpInvest Partners 2014 I B.V., its general partner

By: AlpInvest Partners B.V., its managing director

By: /s/ Erica Herberg
Name: Erica Herberg
Title: Managing Director, CFO

By: /s/ Rob de Jong
Name: Rob de Jong
Title: Managing Director

AP Copper 2014 II C.V.

By: AlpInvest Partners 2014 I B.V., its general partner

By: AlpInvest Partners B.V., its managing director

By: /s/ Erica Herberg
Name: Erica Herberg
Title: Managing Director, CFO

By: /s/ Rob de Jong
Name: Rob de Jong
Title: Managing Director

AM 2014 Co C.V.

By: AlpInvest Mich B.V., its general partner
By: AlpInvest Partners B.V., its managing director

By: /s/ Erica Herberg
Name: Erica Herberg
Title: Managing Director, CFO

By: /s/ Rob de Jong
Name: Rob de Jong
Title: Managing Director

Accepted as of the date hereof in
New York, New York:

BofA Securities, Inc.

By: /s/ Magdalena Heinrich
Name: Magdalena Heinrich
Title: Managing Director

[Signature Page to Underwriting Agreement]

SCHEDULE I

Underwriter	Total Number of Firm Shares to be Purchased	Number of Optional Shares to be Purchased if Maximum Option Exercised
BofA Securities, Inc.	15,000,000	2,250,000
Total	15,000,000	2,250,000

SCHEDULE II

	Total Number of Firm Shares to be Sold	Optional Shares to be Purchased if Maximum Option Exercised
<i>Selling Stockholders:</i>		
Thoma Bravo Executive Fund XI, L.P.	168,393	25,259
Thoma Bravo Fund X, L.P.	1,620,546	243,082
Thoma Bravo Fund X-A, L.P.	354,482	53,172
Thoma Bravo Fund XI, L.P.	7,633,113	1,144,966
Thoma Bravo Fund XI-A, L.P.	3,833,537	575,031
Thoma Bravo Special Opportunities Fund I, L.P.	139,044	20,857
Thoma Bravo Special Opportunities Fund I AIV, L.P.	1,024,385	153,658
AM 2014 CO. C.V.	6,342	951
AP Copper 2014 I C.V.	189,580	28,437
AP Copper 2014 II C.V.	30,578	4,587
Total	15,000,000	2,250,000

SCHEDULE III

(a) Issuer Free Writing Prospectuses not included in the Pricing Disclosure Package:

None

(b) Additional documents incorporated by reference:

None

(c) Information that, together with the Pricing Prospectus, comprises the Pricing Disclosure Package:

The number of Firm Shares purchased by the Underwriters is 15,000,000.

The number of Optional Shares that may be purchased by the Underwriters is 2,250,000.

(d) Written Testing-the-Waters Communications:

None

SCHEDULE IV

Name of Stockholder	Address
Thoma Bravo Executive Fund XI, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Fund X, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Fund X-A, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Fund XI, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Fund XI-A, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Special Opportunities Fund I, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
Thoma Bravo Special Opportunities Fund I AIV, L.P.	c/o Thoma Bravo, L.P. 110 N. Wacker Drive, 32 nd Floor Chicago, IL 60606
AM 2014 CO. C.V.	Jachthavenweg 118, 1081 KJ Amsterdam, The Netherlands
AP Copper 2014 I C.V.	Jachthavenweg 118, 1081 KJ Amsterdam, The Netherlands
AP Copper 2014 II C.V.	Jachthavenweg 118, 1081 KJ Amsterdam, The Netherlands

ANNEX I
FORM OF LOCK-UP AGREEMENT

February 9, 2023

Dynatrace, Inc.
1601 Trapelo Road, Suite 116
Waltham, MA 02451

Re: Securities Registered under Registration Statement on Form S-3ASR

We have acted as counsel to you in connection with your filing of a Registration Statement on Form S-3ASR (File No. 333-240287) (as amended or supplemented, the “Registration Statement”) filed on August 3, 2020 with the Securities and Exchange Commission (the “Commission”) pursuant to the Securities Act of 1933, as amended (the “Securities Act”), relating to the registration of the offer by Dynatrace, Inc., a Delaware corporation (the “Company”), or its stockholders of securities of the Company of the types specified therein. The Registration Statement became effective upon filing with the Commission on August 3, 2020. Reference is made to our opinion letter dated August 3, 2020 and included as Exhibit 5.1 to the Registration Statement. We are delivering this supplemental opinion letter in connection with the prospectus supplement (the “Prospectus Supplement”) filed on February 9, 2023 by the Company with the Commission pursuant to Rule 424 under the Securities Act. The Prospectus Supplement relates to the offering by the Selling Stockholders of the Company identified therein of up to 17,250,000 shares of the Company’s common stock, par value \$0.001 per share (the “Shares”), covered by the Registration Statement. The Shares include an over-allotment option granted to the underwriters of the offering to purchase up to 2,250,000 Shares. The Shares are being sold to the underwriter named in, and pursuant to, an underwriting agreement among the Company, the Selling Stockholders and such underwriter (the “Underwriting Agreement”).

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinion set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinion set forth below, on certificates of officers of the Company.

The opinion set forth below is limited to the Delaware General Corporation Law.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and validly issued and are fully paid and non-assessable.

This opinion letter and the opinion it contains shall be interpreted in accordance with the Core Opinion Principles as published in *74 Business Lawyer* 815 (Summer 2019).

We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the Registration Statement and to the references to our firm under the caption “Legal Matters” in the Registration Statement.

In giving our consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/ GOODWIN PROCTER LLP

GOODWIN PROCTER LLP

Dynatrace Launches Proposed Public Offering by Selling Stockholders

Waltham, Mass., February 7, 2023 – (BUSINESS WIRE) – Software intelligence company, Dynatrace, Inc. (NYSE: DT), announced today the commencement of an underwritten public offering of 15,000,000 shares of common stock by certain selling stockholders of Dynatrace. Such selling stockholders will also grant the underwriter a 30-day option to purchase up to an additional 2,250,000 shares of Dynatrace’s common stock. Dynatrace will not receive any of the proceeds from the sale of the shares being offered by the selling stockholders but will bear the costs associated with the registration of such shares, other than underwriting discounts and commissions and other similar expenses.

BofA Securities is acting as the sole underwriter for the offering.

BofA Securities may offer the shares of common stock from time to time in one or more transactions on the New York Stock Exchange, in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices. The offering is subject to market and other conditions, and there can be no assurance as to whether or when the offering may be completed or as to the actual size or terms of the offering.

A registration statement on Form S-3 relating to these securities has been filed with the Securities and Exchange Commission (the “SEC”) and became effective when filed on August 3, 2020. The proposed offering will be made only by means of a prospectus and prospectus supplement. A copy of the preliminary prospectus supplement relating to this offering may be obtained, when available, by visiting the SEC’s website at www.sec.gov or by contacting the offices of BofA Securities, NC1-004-03-43, 200 North College Street, 3rd floor, Charlotte NC 28255-0001, Attn: Prospectus Department, Email: dg.prospectus_requests@bofa.com. The final terms of the offering will be disclosed in a final prospectus supplement to be filed with the SEC.

This press release shall not constitute an offer to sell or a solicitation of an offer to buy these securities, nor shall there be any offer or sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or jurisdiction.

About Dynatrace

Dynatrace exists to make the world’s software work perfectly. Our unified software intelligence platform combines broad and deep observability and continuous runtime application security with the most advanced AIOps to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That is why the world’s largest organizations trust Dynatrace® to accelerate digital transformation.

Forward Looking Statements

This press release contains forward looking statements, including among other things, statements concerning the completion of the public offering, and other statements identified by words such as “could,” “expects,” “intends,” “may,” “plans,” “potential,” “should,” “will,” “would,” or similar expressions and the negatives of those terms. Forward-looking statements are not promises or guarantees of future performance, and are subject to a variety of risks and uncertainties, many of which are beyond Dynatrace’s control. Actual results may differ materially from those described in the forward-looking statements and will be affected by a variety of risks and factors that are beyond our control including, without limitation, market risks and uncertainties and the satisfaction of customary closing conditions for

an offering of securities, and other risks set forth under the heading “Risk Factors” in Dynatrace’s Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q, the preliminary prospectus related to the public offering and in subsequent filings made by Dynatrace with the SEC. Forward-looking statements speak only as of the date hereof, and, except as required by law, Dynatrace undertakes no obligation to update or revise these forward-looking statements.

Investor Contact:

Noelle Faris
VP, Investor Relations
Noelle.Faris@dynatrace.com

Media Relations:

Jerome Stewart
VP, Communications
Jerome.Stewart@dynatrace.com

Dynatrace Announces Pricing of Public Offering by Selling Stockholders

Waltham, Mass., February 7, 2023 – (BUSINESS WIRE) – Software intelligence company, Dynatrace, Inc. (NYSE: DT), today announced the pricing of an underwritten public offering of 15,000,000 shares of common stock by certain selling stockholders of Dynatrace. In addition, such selling stockholders have granted the underwriter a 30-day option to purchase up to an additional 2,250,000 shares at the public offering price, less underwriting discounts and commissions. The offering is expected to close on February 10, 2023, subject to customary closing conditions.

BofA Securities is acting as the sole underwriter for the offering.

BofA Securities may offer the shares of common stock from time to time in one or more transactions on the New York Stock Exchange, in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices.

A registration statement on Form S-3 (including a prospectus and preliminary prospectus supplement describing the terms of the offering) relating to these securities has been filed with the Securities and Exchange Commission (the “SEC”) and became effective when filed on August 3, 2020. The offering is being made only by means of a prospectus and prospectus supplement. Copies of the prospectus and final prospectus supplement relating to this offering may be obtained, when available, by visiting the SEC’s website at www.sec.gov or contacting the offices of BofA Securities, NC1-004-03-43, 200 North College Street, 3rd floor, Charlotte NC 28255-0001, Attn: Prospectus Department, Email: dg.prospectus_requests@bofa.com.

This press release shall not constitute an offer to sell or a solicitation of an offer to buy these securities, nor shall there be any offer or sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or jurisdiction.

About Dynatrace

Dynatrace exists to make the world’s software work perfectly. Our unified software intelligence platform combines broad and deep observability and continuous runtime application security with the most advanced AIOps to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That is why the world’s largest organizations trust Dynatrace® to accelerate digital transformation.

Forward Looking Statements

This press release contains forward looking statements, including among other things, statements concerning the completion of the public offering, and other statements identified by words such as “could,” “expects,” “intends,” “may,” “plans,” “potential,” “should,” “will,” “would,” or similar expressions and the negatives of those terms. Forward-looking statements are not promises or guarantees of future performance, and are subject to a variety of risks and uncertainties, many of which are beyond Dynatrace’s control. Actual results may differ materially from those described in the forward-looking statements and will be affected by a variety of risks and factors that are beyond our control including, without limitation, market risks and uncertainties and the satisfaction of customary closing conditions for an offering of securities, and other risks set forth under the heading “Risk Factors” in Dynatrace’s Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q, the preliminary prospectus related to the

public offering and in subsequent filings made by Dynatrace with the SEC . Forward-looking statements speak only as of the date hereof, and, except as required by law, Dynatrace undertakes no obligation to update or revise these forward-looking statements.

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