

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

FORM 8-K

CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): October 18, 2022

AMCI ACQUISITION CORP. II

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-40282
(Commission File Number)

86-1763050
(IRS Employer Identification No.)

600 Steamboat Road
Greenwich, Connecticut
(Address of principal executive offices)

06830
(Zip Code)

(203) 625-9200
(Registrant's telephone number, including area code)

Not Applicable
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Units, each consisting of one share of Class A common stock and one-half of one redeemable warrant	AMCIU	The Nasdaq Stock Market LLC
Class A common stock, par value \$0.0001 per share	AMCI	The Nasdaq Stock Market LLC
Redeemable warrants, each warrant exercisable for one share of Class A common stock, each at an exercise price of \$11.50	AMCIW	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01. Entry into a Material Definitive Agreement.

Subscription Agreements

As previously announced, on March 8, 2022, AMCI Acquisition Corp. II, a Delaware corporation (“AMCI”), entered into an Agreement and Plan of Merger with AMCI Merger Sub, Inc., a Delaware corporation and a wholly owned subsidiary of AMCI (“Merger Sub”), and LanzaTech NZ, Inc. (“LanzaTech”), a Delaware corporation (as it may be amended, restated, supplemented or otherwise modified from time to time, the “Merger Agreement”). If the Merger Agreement and the transactions contemplated thereby (the “Business Combination”) are approved by AMCI’s stockholders and LanzaTech’s stockholders, and the closing conditions in the Merger Agreement are satisfied or waived, then, among other things, upon the terms and subject to the conditions of the Merger Agreement and in accordance with Delaware General Corporation Law, Merger Sub will merge with and into LanzaTech, with LanzaTech surviving the merger as a wholly owned subsidiary of AMCI (the “Merger”).

On October 18, 2022, AMCI entered into subscription agreements (the “Subscription Agreements”) with certain accredited investors (collectively, the “PIPE Investors”), pursuant to which, among other things, AMCI agreed to issue and sell, in a private placement to close immediately prior to the closing of the Merger, an aggregate of 5,500,000 shares of Class A common stock, par value \$0.0001 per share, of AMCI (the “AMCI Class A Common Stock”) at a purchase price of \$10.00 per share (the “Additional PIPE Investment”) to the PIPE Investors.

The Additional PIPE Investment represents the parties’ efforts to raise additional capital in order to satisfy the Minimum Closing Cash Condition (as defined in the Merger Agreement). The Additional PIPE Investment is in addition to the 12,500,000 shares of AMCI Class A Common Stock that AMCI agreed to sell, in a private placement to close immediately prior to the closing of the Merger, to certain other accredited investors and qualified institutional buyers as reported on a Current Report on Form 8-K filed with the U.S. Securities and Exchange Commission (the “SEC”) on March 8, 2022 (the “Original PIPE Investment” and together with the Additional PIPE Investment, the “PIPE Investment”). To date, investors have agreed to purchase shares of AMCI Class A Common Stock for an aggregate purchase price of \$180,000,000 in the PIPE Investment.

The foregoing description of the Additional PIPE Investment and the Subscription Agreements does not purport to be complete and is qualified in its entirety by the terms and conditions of the form of Subscription Agreement, a copy of which is filed as Exhibit 10.1 hereto and is incorporated by reference herein.

Item 3.02. Unregistered Sales of Equity Securities.

The disclosure set forth above in Item 1.01 of this Current Report on Form 8-K (this “Current Report”) is incorporated by reference herein. The shares of AMCI Class A Common Stock issuable in connection with the Additional PIPE Investment will not be registered under the Securities Act, in reliance on the exemption from registration provided by Section 4(a)(2) of the Securities Act and/or Regulation D promulgated thereunder.

Important Information About the Business Combination and Where to Find It

The Business Combination will be submitted to stockholders of AMCI for their consideration. AMCI has filed a registration statement on Form S-4 (as amended, the “Registration Statement”) relating to the Business Combination, which includes both a preliminary prospectus with respect to the combined company’s securities to be issued in connection with the Business Combination and a proxy statement to be distributed to AMCI’s stockholders in connection with AMCI’s solicitation of proxies for the vote by its stockholders in connection with the Business Combination and other matters as described in the Registration Statement. AMCI urges its investors, stockholders and other interested persons to read the preliminary proxy statement/prospectus and any amendments thereto and, when available, the definitive proxy statement/prospectus, as well as other documents filed by AMCI with the SEC, because these documents will contain important information about AMCI, LanzaTech and the Business Combination. After the Registration Statement is declared effective, AMCI will mail the definitive proxy statement/prospectus to its stockholders as of a record date to be established for voting on the proposed Business Combination. Stockholders will also be able to obtain a copy of the Registration Statement, including the preliminary proxy statement/prospectus and, once available, the definitive proxy statement/prospectus, as well as other documents filed with the SEC regarding the Business Combination and other documents filed by AMCI with the SEC, without charge, at the SEC’s website located at www.sec.gov or by directing a request to: AMCI Acquisition Corp. II, 600 Steamboat Road, Greenwich, CT 06830.

Participants in the Solicitation

AMCI and LanzaTech and their respective directors and executive officers may be considered participants in the solicitation of proxies with respect to the Business Combination described in this Current Report under the rules of the SEC. Information about the directors and executive officers of AMCI is set forth in the Registration Statement (and will be included in the definitive proxy statement/prospectus). Information regarding the persons who may, under the rules of the SEC, be deemed participants in the solicitation of AMCI stockholders in connection with the Business Combination is set forth in the Registration Statement (and will be included in the definitive proxy statement/prospectus). Stockholders, potential investors and other interested persons should read the proxy statement/prospectus carefully before making any voting or investment decisions. These documents can be obtained free of charge from the sources indicated above.

Non-Solicitation

This Current Report shall not constitute a proxy statement or solicitation of a proxy, consent or authorization with respect to any securities or in respect of the Business Combination and shall not constitute an offer to sell or a solicitation of an offer to buy any securities, nor shall there be any sale of securities, in any state or jurisdiction in which such offer, solicitation, or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of the Securities Act.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

Exhibit Number	Description
10.1	Form of Subscription Agreement
104	Cover Page Interactive Data File (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.

AMCI ACQUISITION CORP. II

By: /s/ Nimesh Patel
Name: Nimesh Patel
Title: Chief Executive Officer

Date: October 24, 2022

SUBSCRIPTION AGREEMENT

This SUBSCRIPTION AGREEMENT (this "Subscription Agreement") is entered into on October 18, 2022, by and between AMCI Acquisition Corp. II, a Delaware corporation (the "Company"), and the undersigned subscriber ("Subscriber").

WHEREAS, on March 8, 2022, the Company entered into a definitive agreement with LanzaTech NZ, Inc., a Delaware corporation ("LanzaTech"), and the other parties thereto, providing for a business combination between the Company and LanzaTech (the "Merger Agreement") and the transactions contemplated by the Merger Agreement, the "Transaction";

WHEREAS, in connection with the Transaction, Subscriber desires to subscribe for and purchase from the Company, immediately prior to the consummation of the Transaction, that number of shares of the Company's Class A common stock, par value \$0.0001 per share (the "Class A Common Stock"), set forth on the signature page hereto (the "Subscribed Shares"), for a purchase price of \$10.00 per share (the "Per Share Price" and the aggregate of such Per Share Price for all Subscribed Shares being referred to herein as the "Purchase Price"), and the Company desires to issue and sell to Subscriber the Subscribed Shares in consideration of the payment of the Purchase Price by or on behalf of Subscriber to the Company; and

WHEREAS, prior to or concurrent with the execution of this Subscription Agreement, the Company entered into subscription agreements (the "Other Subscription Agreements") and together with the Subscription Agreement, the "Subscription Agreements") with certain other investors (the "Other Subscribers") and together with Subscriber, the "Subscribers"), pursuant to which such Subscribers have agreed to purchase shares of Class A Common Stock on the closing date of the Transaction.

NOW, THEREFORE, in consideration of the foregoing and the mutual representations, warranties and covenants, and subject to the conditions, herein contained, and intending to be legally bound hereby, the parties hereto hereby agree as follows:

Section 1. Subscription. Subject to the terms and conditions hereof, at the Closing (as defined below), Subscriber hereby subscribes for and agrees to purchase from the Company, and the Company hereby agrees to issue and sell to Subscriber, upon the payment of the Purchase Price, the Subscribed Shares (such subscription and issuance, the "Subscription").

Section 2. Closing.

(a) The consummation of the Subscription contemplated hereby (the "Closing") shall occur on the closing date of the Transaction (the "Closing Date"), immediately prior to and conditioned upon the effectiveness of the consummation of the Transaction.

(b) At least five (5) Business Days before the anticipated Closing Date, the Company shall deliver written notice to Subscriber (the “Closing Notice”) specifying (i) the anticipated Closing Date and (ii) the wire instructions for delivery of the Purchase Price to the Company. No later than two (2) Business Days prior to the anticipated Closing Date as set forth in the Closing Notice, Subscriber shall deliver the Purchase Price for the Subscribed Shares by wire transfer of U.S. dollars in immediately available funds to the account specified by the Company in the Closing Notice, such funds to be held by the Company in escrow until the Closing. Upon satisfaction (or, if applicable, waiver) of the conditions set forth in this Section 2, the Company shall deliver to Subscriber (i) at the Closing, the Subscribed Shares in book entry form, free and clear of any liens or other restrictions (other than those arising under this Subscription Agreement, the organizational documents of the Company or applicable securities laws), in the name of Subscriber (or its nominee or custodian in accordance with its delivery instructions) (and the Purchase Price shall be released from escrow automatically and without further action by the Company or the Subscriber), and (ii) as promptly as practicable after the Closing, evidence from the Company’s transfer agent of the issuance to Subscriber of the Subscribed Shares on and as of the Closing Date. Notwithstanding the foregoing two sentences, if Subscriber informs the Company (1) that it is an investment company registered under the Investment Company Act of 1940, as amended, (2) that it is advised by an investment adviser subject to regulation under the Investment Advisers Act of 1940, as amended, or (3) that its internal compliance policies and procedures so require it, then, in lieu of the settlement procedures in the foregoing two sentences, the following shall apply: (i) no later than two (2) Business Days prior to the Closing Date as set forth in the Closing Notice, Subscriber shall provide the Company such information that the Company reasonably requests in order for the Company to issue the Subscribed Shares, including, without limitation, the name of the person in whose name the Subscribed Shares are to be issued (or a nominee as indicated by Subscriber) and a duly executed Internal Revenue Service Form W-9 or Form W-8, as applicable, (ii) upon confirmation of Subscriber’s available funds necessary to initiate the wiring of the Purchase Price for the Subscribed Shares, but prior to Subscriber’s release of its payment of the Purchase Price for the Subscribed Shares, on the Closing Date the Company shall issue and deliver to Subscriber the Subscribed Shares, free and clear of any liens or other restrictions whatsoever (other than those arising under applicable securities laws), in book entry form in the name of Subscriber (or its nominee in accordance with its delivery instructions) or to a custodian designated by Subscriber, as applicable and a copy of the records of the Company’s transfer agent showing Subscriber (or its nominee in accordance with its delivery instructions) as the registered holder of the Subscribed Shares on and as of the Closing Date, and (iii) at 8:00 a.m. New York City time on the Closing Date (or as soon as practicable following receipt of evidence from the Company’s transfer agent of the issuance to Subscriber of the Subscribed Shares on and as of the Closing Date), Subscriber shall deliver the Purchase Price by wire transfer of U.S. dollars in immediately available funds to the account(s) specified by the Company in the Closing Notice (which shall not be escrow accounts). In the event that the consummation of the Transaction does not occur within five (5) Business Days after the anticipated Closing Date specified in the Closing Notice, unless otherwise agreed to in writing by the Company and the Subscriber, the Company shall promptly (but in no event later than two (2) Business Days after the anticipated Closing Date specified in the Closing Notice) return the Purchase Price so delivered by Subscriber to the Company by wire transfer in immediately available funds to the account specified by Subscriber, and any book entries shall be deemed cancelled. Notwithstanding such return or cancellation (x) a failure to close on the anticipated Closing Date shall not, by itself, be deemed to be a failure of any of the conditions to Closing set forth in this Section 2 to be satisfied or waived on or prior to the Closing Date, and (y) unless and until this Subscription Agreement is terminated in accordance with Section 6 herein, Subscriber shall remain obligated (A) to redeliver funds to the Company following the Company’s delivery to Subscriber of a new Closing Notice in accordance with this Section 2 and (B) to consummate the Closing upon satisfaction of the conditions set forth in this Section 2. For the purposes of this Subscription Agreement, “Business Day” means any day other than a Saturday or Sunday, or any other day on which banks located in New York, New York are required or authorized by law to be closed for business.

(c) The Closing shall be subject to the satisfaction, (c) or valid waiver in writing by each of the parties hereto, of the conditions that, on the Closing Date:

- (i) all conditions precedent to the closing of the Transaction set forth in Article 10 of the Merger Agreement shall have been satisfied (as determined by the parties to the Merger Agreement) or waived in writing by the person(s) with the authority to make such waiver (other than those conditions which, by their nature, are to be satisfied at the closing of the Transaction pursuant to the Merger Agreement), and the closing of the Transaction shall be scheduled to occur substantially concurrently with the Closing;
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- (ii) no governmental authority shall have enacted, issued, promulgated, enforced or entered any judgment, order, law, rule or regulation (whether temporary, preliminary or permanent) which is then in effect and has the effect of making the consummation of the transactions contemplated hereby illegal or otherwise restraining or prohibiting consummation of the transactions contemplated hereby and no governmental authority shall have instituted or threatened in writing a proceeding seeking to impose any such restraint or prohibition; and
- (iii) the shares of Class A Common Stock shall be approved for listing on The Nasdaq Stock Market (the “Stock Exchange”) subject only to official notice of issuance and no suspension or removal from listing of the shares of Class A Common Stock on the Stock Exchange shall have occurred and be continuing.

(d) The obligation of the Company to consummate the Closing shall be subject to the satisfaction or valid waiver in writing by the Company of the additional conditions that, on the Closing Date:

- (i) all representations and warranties of Subscriber contained in this Subscription Agreement shall be true and correct in all material respects (other than representations and warranties that are qualified as to materiality or Subscriber Material Adverse Effect (as defined below), which representations and warranties shall be true and correct in all respects) at and as of the Closing Date (except to the extent that any such representation or warranty expressly speaks as of an earlier date, in which case such representation or warranty shall be true and correct in all material respects (other than representations and warranties that are qualified as to materiality or Subscriber Material Adverse Effect, which representations and warranties shall be true and correct in all respects) as of such earlier date), and consummation of the Closing shall constitute a reaffirmation by Subscriber of each of the representations, warranties and agreements of Subscriber contained in this Subscription Agreement as of the Closing Date, but without giving effect to consummation of the Transaction, or as of such earlier date, as applicable, except, in each case, where the failure of such representations and warranties to be true and correct (whether as of the Closing Date or such earlier date), taken as a whole, does not result in a Subscriber Material Adverse Effect; and
- (ii) Subscriber shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by this Subscription Agreement to be performed, satisfied or complied with by it at or prior to the Closing.

(e) The obligation of Subscriber to consummate the Closing shall be subject to the satisfaction or valid waiver in writing by Subscriber of the additional conditions that, on the Closing Date:

- (i) all representations and warranties of the Company contained in this Subscription Agreement shall be true and correct in all material respects (other than representations and warranties that are qualified as to materiality or Company Material Adverse Effect (as defined below), which representations and warranties shall be true and correct in all respects) at and as of the Closing Date (except to the extent that any such representation or warranty expressly speaks as of an earlier date, in which case such representation or warranty shall be true and correct in all material respects (other than representations and warranties that are qualified as to materiality or Company Material Adverse Effect, which representations and warranties shall be true and correct in all respects) as of such earlier date), and consummation of the Closing shall constitute a reaffirmation by the Company of each of the representations, warranties and agreements of the Company contained in this Subscription Agreement as of the Closing Date, but without giving effect to consummation of the Transaction, or as of such earlier date, as applicable, except, in each case, where the failure of such representations and warranties to be true and correct (whether as of the Closing Date or such earlier date), taken as a whole, does not result in a Company Material Adverse Effect;
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- (ii) the Company shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by this Subscription Agreement to be performed, satisfied or complied with by it at or prior to the Closing; and
- (iii) the terms of the Merger Agreement (as the same exists on the date of this Subscription Agreement) shall not have been amended, modified or waived in a manner that would reasonably be expected to materially and adversely affect the economic benefits that Subscriber would reasonably expect to receive under this Subscription Agreement, including, without limitation, any amendment, modification or waiver of the condition in Section 10.3(d) of the Merger Agreement.

(f) Prior to or at the Closing, Subscriber shall deliver all such other information as is reasonably requested in order for the Company to issue the Subscribed Shares to Subscriber, including, without limitation, the legal name of the person in whose name the Subscribed Shares are to be issued (or the Subscriber's nominee in accordance with its delivery instructions) and a duly completed and executed Internal Revenue Service Form W-9 or appropriate Form W-8, as applicable.

Section 3. Company Representations and Warranties. The Company represents and warrants to Subscriber that:

(a) The Company (i) is validly existing and in good standing under the laws of the State of Delaware, (ii) has the requisite power and authority to own, lease and operate its properties, to carry on its business as it is now being conducted and to enter into and perform its obligations under this Subscription Agreement, and (iii) is duly licensed or qualified to conduct its business and, if applicable, is in good standing under the laws of each jurisdiction (other than its jurisdiction of incorporation) in which the conduct of its business or the ownership of its properties or assets requires such license or qualification, except, with respect to the foregoing clause (iii), where the failure to be in good standing would not reasonably be expected to have a Company Material Adverse Effect. For purposes of this Subscription Agreement, a "Company Material Adverse Effect" means an event, change, development, occurrence, condition or effect with respect to the Company that, individually or in the aggregate, would reasonably be expected to have a material adverse effect on the business, financial condition or results of operations of the Company and its subsidiaries, taken as a whole, or on the legal authority and ability of the Company to comply with the terms of this Subscription Agreement, including the issuance and sale of the Subscribed Shares, or the Transaction.

(b) The Subscribed Shares have been duly authorized and, when issued and delivered to Subscriber against full payment therefor in accordance with the terms of this Subscription Agreement, will be validly issued, fully paid and non-assessable, free and clear of all liens or other restrictions (other than those arising under this Subscription Agreement, the organizational documents of the Company or applicable securities laws), and will not have been issued in violation of, or subject to, any preemptive or similar rights created under the Company's governing and organizational documents or the laws of the State of Delaware.

(c) This Subscription Agreement has been duly authorized, validly executed and delivered by the Company, and assuming the due authorization, execution and delivery of the same by Subscriber, this Subscription Agreement shall constitute the valid and legally binding obligation of the Company, enforceable against the Company in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium and similar laws affecting creditors generally and by the availability of equitable remedies.

(d) Assuming the accuracy of the representations and warranties of Subscriber set forth in Section 4 of this Subscription Agreement, the execution and delivery of this Subscription Agreement, the issuance and sale of the Subscribed Shares hereunder, the compliance by the Company with all of the provisions of this Subscription Agreement and the consummation of the transactions contemplated herein will not conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any of the property or assets of the Company pursuant to the terms of (i) any indenture, mortgage, deed of trust, loan agreement, lease, license or other agreement or instrument to which the Company is a party or by which the Company is bound or to which any of the property or assets of the Company is subject, (ii) the organizational documents of the Company, or (iii) any statute or any judgment, order, rule or regulation of any court or governmental agency or body, domestic or foreign, having jurisdiction over the Company or any of its properties that, in the case of clauses (i) and (iii), would reasonably be expected to have a Company Material Adverse Effect.

(e) Assuming the accuracy of the representations and warranties of Subscriber set forth in Section 4 of this Subscription Agreement, the Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority, self-regulatory organization (including the Stock Exchange) or other person in connection with the execution, delivery and performance of this Subscription Agreement (including, without limitation, the issuance of the Subscribed Shares), other than (i) filings required by applicable state securities laws, (ii) the filing of the Registration Statement (as defined below) pursuant to Section 5 below, (iii) filings required by the United States Securities and Exchange Commission (the "Commission"), (iv) filings required by the Stock Exchange, including with respect to obtaining stockholder approval, if applicable, (v) filings required to consummate the Transaction as provided under the Merger Agreement, (vi) the filing of notification under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, if applicable, and (vii) those filings, the failure of which to obtain would not have a Company Material Adverse Effect.

(f) Except for such matters as have not had and would not reasonably be expected to have a Company Material Adverse Effect, there is no (i) suit, action, proceeding or arbitration before a governmental authority or arbitrator pending, or, to the knowledge of the Company, threatened in writing against the Company or (ii) judgment, decree, injunction, ruling or order of any governmental authority or arbitrator outstanding against the Company.

(g) Assuming the accuracy of Subscriber's representations and warranties set forth in Section 4 of this Subscription Agreement, no registration under the Securities Act of 1933, as amended (the "Securities Act") or any state securities (or Blue Sky) laws is required for the offer and sale of the Subscribed Shares by the Company to Subscriber.

(h) Neither the Company nor any person acting on its behalf has engaged or will engage in any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with any offer or sale of the Subscribed Shares. The Subscribed Shares are not being offered in a manner involving a public offering under, or in a distribution in violation of, the Securities Act or any state securities laws. Neither the Company nor any person acting on the Company's behalf has, directly or indirectly, at any time within the past six (6) months, made any offer or sale of any security or solicitation of any offer to buy any security under circumstances that would (i) eliminate the availability of the exemption from registration under Regulation D under the Securities Act in connection with the offer and sale by the Company of the Subscribed Shares as contemplated hereby or (ii) cause the offering of the Subscribed Shares pursuant to this Subscription Agreement to be integrated with prior offerings by the Company for purposes of the Securities Act or any applicable stockholder approval provisions. Neither the Company nor any person acting on the Company's behalf has offered or sold or will offer or sell any securities, or has taken or will take any other action, which would reasonably be expected to subject the offer, issuance or sale of the Subscribed Shares, as contemplated hereby, to the registration provisions of the Securities Act.

(i) No "bad actor" disqualifying event described in Rule 506(d)(1)(i)-(viii) of the Securities Act (a "Disqualification Event") is applicable to the Company, except for a Disqualification Event as to which Rule 506(d)(2)(ii-iv) or (d)(3) of the Securities Act is applicable.

(j) The Company is in compliance with all applicable laws and has not received any written communication from a governmental entity that alleges that the Company is not in compliance with or is in default or violation of any applicable law, except where such non-compliance, default or violation would not, individually or in the aggregate, reasonably be expected to have a Company Material Adverse Effect. The Company is in all material respects in compliance with applicable provisions of the Sarbanes-Oxley Act of 2002, as amended, and the rules and regulations thereunder.

(k) The Class A Common Stock is eligible for clearing through The Depository Trust Company (the "DTC"), through its Deposit/Withdrawal At Custodian (DWAC) system, and the Company is eligible and participating in the Direct Registration System (DRS) of DTC with respect to the Class A Common Stock. The Company's transfer agent is a participant in DTC's Fast Automated Securities Transfer Program. The Class A Common Stock is not, and has not been at any time, subject to any DTC "chill," "freeze" or similar restriction with respect to any DTC services, including the clearing of shares of Class A Common Stock through DTC.

(l) No broker or finder is entitled to any brokerage or finder's fee or commission solely in connection with the sale of the Subscribed Shares to Subscriber.

(m) As of their respective dates, each form, report, statement, schedule, prospectus, proxy, registration statement and other document required to be filed by the Company with the Commission prior to the date hereof (collectively, as amended and/or restated since the time of their filing, the "SEC Documents") complied in all material respects with the requirements of the Securities Act and the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations of the Commission promulgated thereunder as in effect at the time of such filing, and none of the SEC Documents, as of their respective filing dates (or if amended, restated, or superseded prior to the closing of the Transaction, on the date of such filing), contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Documents comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing (or if the SEC Documents are amended, restated, or superseded by a filing prior to the closing of the Transaction, on the date of such filing) and fairly present in all material respects the financial position of the Company as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, year-end audit adjustments, and such consolidated financial statements have been prepared in conformity with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("GAAP") (except as may be disclosed therein or in the notes thereto, and except that the unaudited financial statements may not contain all footnotes required by GAAP). A copy of each SEC Document is available to each Subscriber via the Commission's EDGAR system. The Company has timely filed each report, statement, schedule, prospectus, and registration statement that the Company was required to file with the Commission since its initial registration of the Class A Common Stock with the Commission and through the date hereof. There are no material outstanding or unresolved comments in comment letters from the staff of the Division of Corporation Finance of the Commission with respect to any of the SEC Documents as of the date hereof.

(n) As of the date hereof, the authorized capital stock of the Company consists of 301,000,000 shares of stock, consisting of (i) 280,000,000 shares of Class A Common Stock, (ii) 20,000,000 shares of Class B common stock, par value \$0.0001 per share (the “Class B Common Stock”), and (iii) 1,000,000 shares of preferred stock, par value \$0.0001 per share (the “Preferred Stock”). As of the date hereof and immediately prior to the Closing and prior to giving effect to the Transaction: (i) 15,000,000 shares of Class A Common Stock, 3,750,000 shares of Class B Common Stock and no shares of Preferred Stock were issued and outstanding; (ii) 7,500,000 warrants, each exercisable to purchase one share of Class A Common Stock at \$11.50 per share, and 3,500,000 private placement warrants, each exercisable to purchase one share of Class A Common Stock at \$11.50 per share (together, the “Warrants”), were issued and outstanding; and (iii) no Class A Common Stock was subject to issuance upon exercise of outstanding options. No Warrants are exercisable on or prior to the Closing. All (A) issued and outstanding shares of Class A Common Stock have been duly authorized and validly issued, are fully paid and non-assessable and are not subject to preemptive rights or similar and (B) outstanding Warrants have been duly authorized and validly issued, are fully paid and are not subject to preemptive or similar rights. As of the date hereof, except as set forth above and pursuant to (1) the Other Subscription Agreements, (2) the Merger Agreement or (3) as described in the SEC Documents, there are no outstanding options, warrants or other rights to subscribe for, purchase or acquire from the Company any Class A Common Stock or other equity interests in the Company (collectively, “Equity Interests”) or securities convertible into or exchangeable or exercisable for Equity Interests. Except as set forth in the Merger Agreement, as of the date hereof, the Company has no subsidiaries and does not own, directly or indirectly, interests or investments (whether equity or debt) in any person, whether incorporated or unincorporated. There are no stockholder agreements, voting trusts or other agreements or understandings to which the Company is a party or by which it is bound relating to the voting of any Equity Interests, other than as contemplated by the Merger Agreement or as described in the SEC Documents. Except as described in the SEC Documents, there are no securities or instruments issued by or to which the Company is a party containing anti-dilution or similar provisions that will be triggered by the issuance of (i) the Subscribed Shares or (ii) the shares to be issued pursuant to any Other Subscription Agreement.

(o) The issued and outstanding shares of Class A Common Stock are registered pursuant to Section 12(b) of the Exchange Act, and are listed for trading on the Stock Exchange under the symbol “AMCI.” There is no suit, action, proceeding or investigation pending or, to the knowledge of the Company, threatened against the Company by the Stock Exchange or the Commission with respect to any intention by such entity to deregister the shares of Class A Common Stock or prohibit or terminate the listing of the shares of Class A Common Stock on the Stock Exchange. The Company has taken no action that is designed to terminate the registration of the shares of Class A Common Stock under the Exchange Act.

(p) Upon consummation of the Transaction, the issued and outstanding shares of Class A Common Stock will continue to be registered pursuant to Section 12(b) of the Exchange Act and will be listed for trading on the Stock Exchange.

(q) The Company is not, and immediately after receipt of payment for the Subscribed Shares and consummation of the Transaction, will not be, an “investment company” within the meaning of the Investment Company Act of 1940, as amended.

(r) Other than the Other Subscription Agreements and the Merger Agreement (or any other agreement expressly contemplated by the Merger Agreement) or as disclosed in the SEC Documents, as of the date hereof, the Company has not entered into any subscription agreement, side letter or other agreement with any Other Subscriber or any other investor in connection with such Other Subscriber's or investor's direct or indirect investment in the Company. The Other Subscription Agreements have not been amended in any material respect following the date of this Subscription Agreement and reflect the same Per Share Price and other terms with respect to the purchase of the Subscribed Shares that are no more favorable to such Subscriber thereunder than the terms of this Subscription Agreement. The Company may enter into one or more subscription agreements in connection with the Transaction with one or more other investors and reflect the same Per Share Price, provided that if any such subscription agreement contains terms more favorable to the relevant other investor than the terms provided to the Subscriber under this Subscription Agreement (other than the Per Share Price), the Company will provide written notice to the Subscriber of such terms at least five (5) Business Days before the anticipated Closing Date and this Subscription Agreement will be deemed automatically amended as of the date of such notice to include the more favorable terms provided to such other investor.

(s) Neither the Company nor anyone acting on its behalf has, directly or indirectly, offered the Subscribed Shares or any similar securities for sale to, or solicited any offer to buy the Subscribed Shares or any similar securities from, or otherwise approached or negotiated in respect thereof with, any person other than the Subscriber and a limited number of other accredited investors, each of which has been offered the Subscribed Shares at a private sale for investment. Neither the Company nor anyone acting on its behalf has taken, or will take, any action that would subject the issuance or sale of the Subscribed Shares to the registration requirements of section 5 of the Securities Act or to the registration requirements of any securities or blue sky laws of any applicable jurisdiction.

Section 4. Subscriber Representations and Warranties. Subscriber represents and warrants to the Company that:

(a) Subscriber (i) is validly existing and in good standing under the laws of its jurisdiction of formation or incorporation and (ii) has the requisite power and authority to enter into and perform its obligations under this Subscription Agreement.

(b) This Subscription Agreement has been duly authorized, validly executed and delivered by Subscriber, and assuming the due authorization, execution and delivery of the same by the Company, this Subscription Agreement shall constitute the valid and legally binding obligation of Subscriber, enforceable against Subscriber in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium and similar laws affecting creditors generally and by the availability of equitable remedies.

(c) The execution, delivery and performance of this Subscription Agreement, the purchase of the Subscribed Shares hereunder, the compliance by Subscriber with all of the provisions of this Subscription Agreement and the consummation of the transactions contemplated herein will not conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any of the property or assets of Subscriber pursuant to the terms of (i) any indenture, mortgage, deed of trust, loan agreement, lease, license or other agreement or instrument to which Subscriber is a party or by which Subscriber is bound or to which any of the property or assets of Subscriber is subject; (ii) the organizational documents of Subscriber; or (iii) any statute or any judgment, order, rule or regulation of any court or governmental agency or body, domestic or foreign, having jurisdiction over Subscriber or any of its properties that in the case of clauses (i) and (iii), would reasonably be expected to have a Subscriber Material Adverse Effect. For purposes of this Subscription Agreement, a "Subscriber Material Adverse Effect" means an event, change, development, occurrence, condition or effect with respect to Subscriber that would reasonably be expected to have a material adverse effect on Subscriber's ability to consummate the transactions contemplated hereby, including the purchase of the Subscribed Shares.

(d) Subscriber (i) is a “qualified institutional buyer” (as defined in Rule 144A under the Securities Act) or an “accredited investor” (within the meaning of Rule 501(a)(1), (2), (3) or (7) under the Securities Act), in each case, satisfying the applicable requirements set forth on Annex A hereto, (ii) is acquiring the Subscribed Shares only for its own account and not for the account of others, or if Subscriber is subscribing for the Subscribed Shares as a fiduciary or agent for one or more investor accounts, each owner of such account is a “qualified institutional buyer” (as defined in Rule 144A under the Securities Act) or an “accredited investor” (within the meaning of Rule 501(a)(1), (2), (3) or (7) under the Securities Act) and Subscriber has full investment discretion with respect to each such account, and the full power and authority to make the acknowledgements, representations and agreements herein on behalf of each owner of each such account, and (iii) is not acquiring the Subscribed Shares with a view to, or for offer or sale in connection with, any distribution thereof in violation of the Securities Act (and has provided the Company with the requested information on Annex A following the signature page hereto).

(e) Subscriber acknowledges and agrees that the Subscribed Shares are being offered in a transaction not involving any public offering within the meaning of the Securities Act and that the Subscribed Shares have not been registered under the Securities Act or the securities laws of any State or other jurisdiction and that the Company is not required to register the Subscribed Shares except as set forth in Section 5 of this Subscription Agreement. Subscriber acknowledges and agrees that the Subscribed Shares may not be offered, resold, transferred, pledged or otherwise disposed of by Subscriber absent an effective registration statement under the Securities Act, except (i) to the Company or a subsidiary thereof, (ii) pursuant to an applicable exemption from the registration requirements of the Securities Act (including without limitation a private resale pursuant to so called “Section 4(a)1½”), or (iii) an ordinary course pledge such as a broker lien over account property generally, and, in each of clauses (i)-(iii), in accordance with any applicable securities laws of the states and other jurisdictions of the United States, and that any certificates or account entries representing the Subscribed Shares shall contain a restrictive legend to such effect. Subscriber acknowledges and agrees that the Subscribed Shares will be subject to these securities law transfer restrictions, and as a result of these transfer restrictions, Subscriber may not be able to readily offer, resell, transfer, pledge or otherwise dispose of the Subscribed Shares and may be required to bear the financial risk of an investment in the Subscribed Shares for an indefinite period of time. Subscriber acknowledges and agrees that the Subscribed Shares will not be immediately eligible for offer, resale, transfer, pledge or disposition pursuant to Rule 144 promulgated under the Securities Act (“Rule 144”), until at least one year following the filing of certain required information with the Commission after the Closing Date. Subscriber acknowledges and agrees that it has been advised to consult legal counsel prior to making any offer, resale, pledge or transfer of any of the Subscribed Shares.

(f) Subscriber understands and agrees that Subscriber is purchasing the Subscribed Shares directly from the Company. Subscriber further acknowledges that there have not been, and Subscriber hereby agrees that it is not relying on, any representations, warranties, covenants or agreements made to Subscriber by the Company, LanzaTech, any of their respective affiliates or any control persons, officers, directors, employees, partners, agents or representatives, any other party to the Transaction or any other person or entity, expressly or by implication, other than those representations, warranties, covenants and agreements of the Company set forth in this Subscription Agreement. Subscriber agrees that none of (i) any Other Subscriber pursuant to Other Subscription Agreements entered into in connection with the offering of Class A Common Stock (including the controlling persons, members, officers, directors, partners, agents, or employees of any such other purchaser), or (ii) any other party to the Merger Agreement, including any such party’s representatives, affiliates or any of its or their control persons, officers, directors or employees, that is not a party hereto, shall be liable to the Subscriber pursuant to this Subscription Agreement for any action heretofore or hereafter taken or omitted to be taken by any of them in connection with the purchase of the Class A Common Stock.

(g) In making its decision to purchase the Subscribed Shares, Subscriber has relied solely upon independent investigation made by Subscriber and the Company's representations in Section 3 of this Subscription Agreement. Subscriber acknowledges and agrees that Subscriber has received such information as Subscriber deems necessary in order to make an investment decision with respect to the Subscribed Shares, including with respect to the Company, LanzaTech (and its subsidiaries (collectively, the "Acquired Companies")) and the Transaction, and made its own assessment and is satisfied concerning the relevant financial, tax and other economic considerations relevant to Subscriber's investment in the Subscribed Shares. Without limiting the generality of the foregoing, Subscriber acknowledges that it has reviewed the Company's filings with the Commission. Subscriber represents and agrees that Subscriber and Subscriber's professional advisor(s), if any, have had the full opportunity to ask such questions, receive such answers and obtain such information as Subscriber and Subscriber's professional advisor(s), if any, have deemed necessary to make an investment decision with respect to the Subscribed Shares. Subscriber acknowledges that certain information provided by the Company or by or on behalf of LanzaTech was based on projections prepared by LanzaTech, and such projections were prepared based on assumptions and estimates that are inherently uncertain and are subject to a wide variety of significant business, economic and competitive risks and uncertainties that could cause actual results to differ materially from those contained in the projections. Subscriber further acknowledges that the information provided to Subscriber was preliminary and subject to change, including in the registration statement and the proxy statement/prospectus that the Company has filed with the Commission in connection with the Transaction (which will include substantial additional information about the Company, the Acquired Companies and the Transaction and will update and supersede the information previously provided to Subscriber). Subscriber acknowledges and agrees that none of the Acquired Companies or any of their respective affiliates or any of such person's or its affiliate's control persons, officers, directors, employees or other representatives, legal counsel, financial advisors, accountants or agents (collectively, "Representatives") has provided Subscriber with any information, recommendations or advice with respect to the Subscribed Shares nor is such information, recommendations or advice necessary or desired. None of the Acquired Companies or any of their respective affiliates or Representatives has made or makes any representation as to the Company or the Acquired Companies or the quality or value of the Subscribed Shares.

(h) Subscriber became aware of this offering of the Subscribed Shares solely by means of direct contact between Subscriber and the Company or by means of contact from LanzaTech, and the Subscribed Shares were offered to Subscriber solely by direct contact between Subscriber and the Company or its affiliates. Subscriber did not become aware of this offering of the Subscribed Shares, nor were the Subscribed Shares offered to Subscriber, by any other means. Subscriber acknowledges that the Company represents and warrants that the Subscribed Shares (i) were not offered by any form of general solicitation or general advertising (within the meaning of Regulation D of the Securities Act) and (ii) are not being offered in a manner involving a public offering under, or in a distribution in violation of, the Securities Act, or any state securities laws.

(i) Subscriber acknowledges that it is aware that there are substantial risks incident to the purchase and ownership of the Subscribed Shares, including those set forth in the SEC Documents. Subscriber has such knowledge and experience in financial and business matters as to be capable of evaluating the merits and risks of an investment in the Subscribed Shares, and Subscriber has had an opportunity to seek, and has sought, such accounting, legal, business and tax advice as Subscriber has considered necessary to make an informed investment decision. Subscriber (i) is an institutional account as defined in FINRA Rule 4512(c), (ii) is a sophisticated investor, experienced in investing in private equity transactions and capable of evaluating investment risks independently, both in general and with regard to all transactions and investment strategies involving a security or securities, and (iii) has exercised independent judgment in evaluating its participation in the purchase of the Subscribed Shares. Subscriber understands and acknowledges that the purchase and sale of the Subscribed Shares hereunder meets (i) the exemptions from filing under FINRA Rule 5123(b)(1)(A) and (ii) the institutional customer exemption under FINRA Rule 2111(b).

(j) Subscriber has adequately analyzed and fully considered the risks of an investment in the Subscribed Shares and determined that the Subscribed Shares are a suitable investment for Subscriber and that Subscriber is able at this time and in the foreseeable future to bear the economic risk of a total loss of Subscriber's investment in the Company. Subscriber acknowledges specifically that a possibility of total loss exists.

(k) Subscriber understands and agrees that no federal or state agency has passed upon or endorsed the merits of the offering of the Subscribed Shares or made any findings or determination as to the fairness of this investment.

(l) Subscriber is not (i) a person or entity named on the List of Specially Designated Nationals and Blocked Persons administered by the U.S. Treasury Department's Office of Foreign Assets Control ("OFAC") or in any Executive Order issued by the President of the United States and administered by OFAC ("OFAC List"), or a person or entity prohibited by any OFAC sanctions program, (ii) a Designated National as defined in the Cuban Assets Control Regulations, 31 C.F.R. Part 515, or (iii) a non-U.S. shell bank or providing banking services indirectly to a non-U.S. shell bank. Subscriber agrees to provide law enforcement agencies, if requested thereby, such records as required by applicable law, provided that Subscriber is permitted to do so under applicable law. If Subscriber is a financial institution subject to the Bank Secrecy Act (31 U.S.C. Section 5311 et seq.) (the "BSA"), as amended by the USA PATRIOT Act of 2001 (the "PATRIOT Act"), and its implementing regulations (collectively, the "BSA/PATRIOT Act"), such Subscriber maintains policies and procedures reasonably designed to comply with applicable obligations under the BSA/PATRIOT Act. To the extent required, Subscriber maintains policies and procedures reasonably designed for the screening of its investors against the OFAC sanctions programs, including the OFAC List. To the extent required, Subscriber maintains policies and procedures reasonably designed to ensure that the funds held by Subscriber and used to purchase the Subscribed Shares were legally derived.

(m) No foreign person (as defined in 31 C.F.R. Part 800.224) in which the national or subnational governments of a single foreign state have a substantial interest (as defined in 31 C.F.R. Part 800.244) will acquire a substantial interest in the Company as a result of the purchase and sale of Subscribed Shares hereunder such that a declaration to the Committee on Foreign Investment in the United States would be mandatory under 31 C.F.R. Part 800.401, and no foreign person will have control (as defined in 31 C.F.R. Part 800.208) over the Company from and after the Closing as a result of the purchase and sale of Subscribed Shares hereunder.

(n) If Subscriber is an employee benefit plan that is subject to Title I of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), a plan, an individual retirement account or other arrangement that is subject to section 4975 of the Internal Revenue Code of 1986, as amended (the "Code") or an employee benefit plan that is a governmental plan (as defined in section 3(32) of ERISA), a church plan (as defined in section 3(33) of ERISA), a non-U.S. plan (as described in section 4(b)(4) of ERISA) or other plan that is not subject to the foregoing but may be subject to provisions under any other federal, state, local, non-U.S. or other laws or regulations that are similar to such provisions of ERISA or the Code, or an entity whose underlying assets are considered to include "plan assets" of any such plan, account or arrangement (each, a "Plan") subject to the fiduciary or prohibited transaction provisions of ERISA or section 4975 of the Code, Subscriber represents and warrants that (i) it has not relied on the Company or any of its affiliates (the "Transaction Parties") for investment advice or as the Plan's fiduciary with respect to its decision to acquire and hold the Subscribed Shares, and none of the Transaction Parties shall at any time be relied upon as the Plan's fiduciary with respect to any decision to acquire, continue to hold or transfer the Subscribed Shares and (ii) the acquisition and holding of the Subscribed Shares will not result in a non-exempt prohibited transaction under ERISA or Section 4975 of the Code.

(o) Subscriber at the Closing will have sufficient funds to pay the Purchase Price pursuant to Section 2 of this Subscription Agreement.

(p) Subscriber acknowledges that it is not relying upon, and has not relied upon, any statement, representation or warranty made by any person, firm or corporation (including, without limitation, the Company, LanzaTech or any of their respective affiliates or any of its or their respective control persons, officers, directors, employees, agents or representatives), other than the representations and warranties of the Company contained in Section 3 of this Subscription Agreement, in making its investment or decision to invest in the Company.

(q) No broker or finder has acted on behalf of the Subscriber in connection with the sale of the Subscribed Shares pursuant to this Subscription Agreement in such a way as to create any liability on the Company.

(r) Subscriber hereby agrees that neither it, nor any person or entity acting on its behalf or pursuant to any understanding with the Subscriber, shall, directly or indirectly, engage in any hedging activities or execute any Short Sales with respect to the securities of the Company from the date hereof until the Closing or the earlier termination of this Subscription Agreement in accordance with its terms (other than pledges in the ordinary course of business as part of prime brokerage arrangements). "Short Sales" shall include, without limitation, all "short sales" as defined in Rule 200 of Regulation SHO under the Exchange Act. Notwithstanding the foregoing, nothing in this Section 4(r) (i) shall restrict Subscriber's ability to maintain bona fide hedging positions in respect of the Warrants of the Company held by the Subscriber as of the date hereof; (ii) shall prohibit any entities under common management or that share an investment advisor with Subscriber that have no knowledge of this Subscription Agreement or of Subscriber's participation in the Subscription (including Subscriber's controlled affiliates and/or affiliates) from entering into any short sales or engaging in other hedging transactions; and (iii) in the case of a Subscriber that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Subscriber's assets, this Section 4(r) shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Subscribed Shares covered by this Subscription Agreement (the "Investing Portfolio Manager") and the portfolio managers who have direct knowledge of the investment decisions made by the Investing Portfolio Manager. The Company acknowledges and agrees that, notwithstanding anything herein to the contrary, the Subscribed Shares may be pledged by Subscriber in connection with a bona fide margin agreement, provided that such pledge shall be (1) pursuant to an available exemption from the registration requirements of the Securities Act or (2) pursuant to, and in accordance with, a registration statement that is effective under the Securities Act at the time of such pledge, and Subscriber effecting a pledge of the Subscribed Shares shall not be required to provide the Company with any notice thereof; provided, however, that neither the Company nor its counsel shall be required to take any action (or refrain from taking any action) in connection with any such pledge, other than providing any such lender of such margin agreement with an acknowledgment that the Subscribed Shares are not subject to any contractual lock up or prohibition on pledging, the form of such acknowledgment to be subject to review and comment by the Company in all respects.

(s) Except as expressly disclosed in a Schedule 13D or Schedule 13G (or amendments thereto) filed by Subscriber with the Commission with respect to the beneficial ownership of the Company's outstanding securities prior to the date hereof, Subscriber is not currently (and at all times through Closing will refrain from being or becoming) a member of a "group" (within the meaning of Section 13(d)(3) or Section 14(d)(2) of the Exchange Act, or any successor provision), including any group acting for the purpose of acquiring, holding or disposing of equity securities of the Company (within the meaning of Rule 13d-5(b)(1) under the Exchange Act).

(t) Subscriber acknowledges that (i) the Company and LanzaTech and any of their respective affiliates, control persons, officers, directors, employees, agents or representatives currently may have, and later may come into possession of, information regarding the Company and LanzaTech that is not known to Subscriber and that may be material to a decision to purchase the Subscribed Shares, (ii) Subscriber has determined to purchase the Subscribed Shares notwithstanding its lack of knowledge of such information, and (iii) none of the Company or LanzaTech or any of their respective affiliates, control persons, officers, directors, employees, agents or representatives shall have liability to Subscriber, and Subscriber hereby to the extent permitted by law waives and releases any claims it may have against the Company, LanzaTech and their respective affiliates, control persons, officers, directors, employees, agents or representatives, with respect to the nondisclosure of such information.

(u) Neither the due diligence investigation conducted by Subscriber in connection with making its decision to acquire the Subscribed Shares nor any representation and warranty made by the Subscriber hereunder shall modify, amend or affect the Subscriber's right to rely on the truth, accuracy and completeness of the Company's representations and warranties hereunder.

Section 5. Registration of Subscribed Shares.

(a) The Company agrees that, within thirty (30) calendar days following the Closing Date, the Company will file with the Commission (at the Company's sole cost and expense) a registration statement registering the resale of the Subscribed Shares (the "Registration Statement"), and the Company shall use its commercially reasonable efforts to have the Registration Statement declared effective as soon as practicable after the filing thereof, but in any event no later than sixty (60) calendar days after the Closing Date (the "Effectiveness Deadline"); provided, that the Effectiveness Deadline shall be extended to one hundred twenty (120) calendar days after the Closing Date if the Registration Statement is reviewed by, and comments thereto are provided from, the Commission; provided, further that the Company shall have the Registration Statement declared effective within ten (10) Business Days after the date the Company is notified (orally or in writing, whichever is earlier) by the staff of the Commission that the Registration Statement will not be "reviewed" or will not be subject to further review; provided, further, that (i) if the Effectiveness Deadline falls on a Saturday, Sunday or other day that the Commission is closed for business, the Effectiveness Deadline shall be extended to the next Business Day on which the Commission is open for business and (ii) if the Commission is closed for operations due to a government shutdown, the Effectiveness Deadline shall be extended by the same number of Business Days that the Commission remains closed for. The Company shall provide a draft of the Registration Statement to the Subscriber for review at least two (2) Business Days in advance of the date of filing the Registration Statement with the Commission (the "Filing Date"), and Subscriber shall provide any comments on the Registration Statement to the Company no later than the day immediately preceding the Filing Date. Unless otherwise agreed to in writing by the Subscriber prior to the filing of the Registration Statement, the Subscriber shall not be identified as a statutory underwriter in the Registration Statement; provided, that if the Commission requests that Subscriber be identified as a statutory underwriter in the Registration Statement, Subscriber will have the opportunity to withdraw from the Registration Statement upon its prompt written request to the Company. Notwithstanding the foregoing, if the Commission prevents the Company from including any or all of the shares proposed to be registered under the Registration Statement due to limitations on the use of Rule 415 of the Securities Act for the resale of the Subscribed Shares by the applicable stockholders or otherwise, such Registration Statement shall register for resale such number of Subscribed Shares which is equal to the maximum number of Subscribed Shares as is permitted by the Commission. In such event, the number of Subscribed Shares or other shares to be registered for each selling stockholder named in the Registration Statement shall be reduced pro rata among all such selling stockholders and as promptly as practicable after being permitted to register additional shares under Rule 415 under the Securities Act, the Company shall amend the Registration Statement or file one or more new Registration Statement(s) (such amendment or new Registration Statement shall also be deemed to be a "Registration Statement" hereunder) to register such additional Subscribed Shares and cause such amendment or Registration Statement(s) to become effective as promptly as practicable after the filing thereof, but in any event no later than thirty (30) calendar days after the filing of such Registration Statement (the "Additional Effectiveness Deadline"); provided, that the Additional Effectiveness Deadline shall be extended to one hundred twenty (120) calendar days after the filing of such Registration Statement if such Registration Statement is reviewed by, and comments thereto are provided from, the Commission; provided, further that the Company shall have such Registration Statement declared effective within ten (10) Business Days after the date the Company is notified (orally or in writing, whichever is earlier) by the staff of the Commission that such Registration Statement will not be "reviewed" or will not be subject to further review; provided, further that (i) if such day falls on a Saturday, Sunday or other day that the Commission is closed for business, the Additional Effectiveness Deadline shall be extended to the next Business Day on which the Commission is open for business and (ii) if the Commission is closed for operations due to a government shutdown, the Effectiveness Deadline shall be extended by the same number of Business Days that the Commission remains closed for. Any failure by the Company to file a Registration Statement by the Effectiveness Deadline or Additional Effectiveness Deadline shall not otherwise relieve the Company of its obligations to file or effect a Registration Statement as set forth in this Section 5.

(b) The Company agrees that, except for such times as the Company is permitted hereunder to suspend the use of the prospectus forming part of a Registration Statement, the Company will use its commercially reasonable efforts to cause such Registration Statement to remain effective with respect to Subscriber, including to prepare and file any post-effective amendment to such Registration Statement or a supplement to the related prospectus such that the prospectus will not include any untrue statement or a material fact or omit to state any material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, until the earlier of (i) three (3) years from the effective date of the Registration Statement, (ii) the date on which all of the Subscribed Shares shall have been sold or (iii) on the first date on which the Subscriber can sell all of its Subscribed Shares (or shares received in exchange therefor) under Rule 144 of the Securities Act without limitation as to the manner of sale or the amount of such securities that may be sold and without the requirement for the Company to be in compliance with the current public information required under Rule 144(c)(1) (or Rule 144(i)(2), if applicable) and the Company shall use its commercially reasonable efforts to obtain the withdrawal of any order suspending the effectiveness of any Registration Statement as soon as reasonably practicable. For so long as the Registration Statement shall remain effective, the Company will use commercially reasonable efforts to file all reports, and provide all customary and reasonable cooperation, necessary to enable Subscriber to resell Subscribed Shares pursuant to the Registration Statement, qualify the Subscribed Shares for listing on the applicable stock exchange on which the Company's Class A Common Stock is then listed and update or amend the Registration Statement as necessary to include Subscribed Shares. The Company will use its commercially reasonable efforts to, for so long as the Subscriber holds Subscribed Shares, make and keep public information available (as those terms are understood and defined in Rule 144) and file with the Commission in a timely manner all reports and other documents required of the Company under the Exchange Act so long as the Company remains subject to such requirements to enable the Subscriber to resell the Subscribed Shares pursuant to Rule 144. The Subscriber agrees to disclose its beneficial ownership, as determined in accordance with Rule 13d-3 of the Exchange Act, of Subscribed Shares to the Company (or its successor) upon reasonable request to assist the Company in making the determination described above.

(c) The Company's obligations to include the Subscribed Shares in the Registration Statement are contingent upon Subscriber furnishing in writing to the Company a completed selling stockholder questionnaire in customary form that contains such information regarding Subscriber, the securities of the Company held by Subscriber and the intended method of disposition of the Subscribed Shares as shall be reasonably requested by the Company to effect the registration of the Subscribed Shares, and Subscriber shall execute such documents in connection with such registration as the Company may reasonably request that are customary of a selling stockholder in similar situations, including providing that the Company shall be entitled to postpone and suspend the effectiveness or use of the Registration Statement (i) during any customary blackout or similar period or as permitted hereunder and (ii) as may be necessary in connection with the preparation and filing of a post-effective amendment to the Registration Statement following the filing of the Company's Annual Report on Form 10-K for its first completed fiscal year following the effective date of the Registration Statement; provided, that the Company shall request such information from Subscriber, including the selling stockholder questionnaire, at least five (5) Business Days prior to the anticipated filing date of the Registration Statement; and provided, further, under no circumstances shall Subscriber be required to sign any type of lock-up agreement with respect to the Subscribed Shares. In the case of the registration effected by the Company pursuant to this Subscription Agreement, the Company shall, upon reasonable request, inform Subscriber as to the status of such registration. Subscriber shall not be entitled to use the Registration Statement for an underwritten offering of Subscribed Shares. Notwithstanding anything to the contrary contained herein, the Company may delay or postpone filing of such Registration Statement, and from time to time require Subscriber not to sell under the Registration Statement or suspend the use or effectiveness of any such Registration Statement if it determines in good faith that in order for the registration statement to not contain a material misstatement or omission, an amendment thereto would be needed, or if such filing or use would reasonably be expected to materially and adversely affect a bona fide business or financing transaction of the Company or would reasonably be expected to require premature disclosure of information that would materially adversely affect the Company (each such circumstance, a "Suspension Event"); provided, that, (w) the Company shall not so delay filing or so suspend the use of the Registration Statement for a period of more than sixty (60) consecutive days or more than two (2) times in any three hundred sixty (360) day period, and (x) the Company shall use commercially reasonable efforts to make such registration statement available for the sale by the Subscriber of such securities as soon as practicable thereafter.

(d) Upon receipt of any written notice from the Company (which notice shall not contain any material non-public information regarding the Company and which notice shall not be subject to any duty of confidentiality) of the happening of (i) an issuance by the Commission of any stop order suspending the effectiveness of any Registration Statement or the initiation of any proceedings for such purpose, which notice shall be given no later than three (3) Business Days from the date of such event, (ii) any Suspension Event during the period that the Registration Statement is effective, which notice shall be given no later than three (3) Business Days from the date of such Suspension Event, or (iii) or if as a result of a Suspension Event the Registration Statement or related prospectus contains any untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made (in the case of the prospectus) not misleading, the Subscriber agrees that (1) it will immediately discontinue offers and sales of the Subscribed Shares under the Registration Statement (excluding, for the avoidance of doubt, sales conducted pursuant to Rule 144) until the Subscriber receives copies of a supplemental or amended prospectus (which the Company agrees to promptly prepare) that corrects the misstatement(s) or omission(s) referred to above and receives notice that any post-effective amendment has become effective or unless otherwise notified by the Company that it may resume such offers and sales, and (2) it will maintain the confidentiality of any information included in such written notice delivered by the Company unless otherwise required by law, subpoena or regulatory request or requirement. If so directed by the Company, the Subscriber will deliver to the Company or, in the Subscriber's sole discretion destroy, all copies of the prospectus covering the Subscribed Shares in the Subscriber's possession; provided, however, that this obligation to deliver or destroy all copies of the prospectus covering the Subscribed Shares shall not apply (w) to the extent the Subscriber is required to retain a copy of such prospectus (A) in order to comply with applicable legal, regulatory, self-regulatory or professional requirements or (B) in accordance with a bona fide pre-existing document retention policy or (x) to copies stored electronically on archival servers as a result of automatic data back-up.

(e) Subscriber may deliver written notice (an “Opt-Out Notice”) to the Company requesting that Subscriber not receive notices from the Company otherwise required by this Section 5; provided, however, that Subscriber may later revoke any such Opt-Out Notice in writing. Following receipt of an Opt-Out Notice from Subscriber (unless subsequently revoked), (i) the Company shall not deliver any such notices to Subscriber and Subscriber shall no longer be entitled to the rights associated with any such notice and (ii) each time prior to Subscriber’s intended use of an effective Registration Statement, Subscriber will notify the Company in writing at least two (2) business days in advance of such intended use, and if a notice of a Suspension Event was previously delivered (or would have been delivered but for the provisions of this Section 5(e)) and the related suspension period remains in effect, the Company will so notify Subscriber, within one (1) business day of Subscriber’s notification to the Company, by delivering to Subscriber a copy of such previous notice of Suspension Event, and thereafter will provide Subscriber with the related notice of the conclusion of such Suspension Event promptly following its availability

(f) For purposes of this Section 5 of this Subscription Agreement, (i) “Subscribed Shares” shall mean, as of any date of determination, the Subscribed Shares (as defined in the recitals to this Subscription Agreement) and any other equity security issued or issuable with respect to the Subscribed Shares by way of share split, dividend, distribution, recapitalization, merger, exchange, or replacement, and (ii) “Subscriber” shall include any affiliate of the Subscriber to which the rights under this Section 5 shall have been duly assigned.

(g) The Company shall indemnify and hold harmless Subscriber (to the extent Subscriber is a seller under the Registration Statement), the officers, directors, members, managers, partners, agents, investment advisors and employees of Subscriber, each person who controls Subscriber (within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act) and the officers, directors, members, managers, partners, agents and employees of each such controlling person, to the fullest extent permitted by applicable law, from and against any and all losses, claims, damages, liabilities, costs (including, without limitation, reasonable attorneys’ fees) and expenses (collectively, “Losses”) that arise out of or are based upon any untrue or alleged untrue statement of a material fact contained in the Registration Statement, any prospectus included in the Registration Statement or any form of prospectus or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission to state a material fact required to be stated therein or necessary to make the statements therein (in the case of any prospectus or form of prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading, except to the extent that such untrue statements, alleged untrue statements, omissions or alleged omissions are based upon information regarding Subscriber furnished in writing to the Company by or on behalf of Subscriber expressly for use therein or Subscriber has omitted a material fact from such information. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of an indemnified party and shall survive the transfer of the Subscribed Shares by Subscriber. Notwithstanding the forgoing, the Company’s indemnification obligations shall not apply to amounts paid in settlement of any Losses or action if such settlement is effected without the prior written consent of the Company (which consent shall not be unreasonably withheld or delayed).

(h) Subscriber shall, severally and not jointly with any Other Subscriber in the offering contemplated by this Subscription Agreement or selling stockholder named in the Registration Statement, indemnify and hold harmless the Company, its directors, officers, agents and employees, each person who controls the Company (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, agents or employees of such controlling persons, to the fullest extent permitted by applicable law, from and against all Losses arising out of or based upon any untrue or alleged untrue statement of a material fact contained in any Registration Statement, any prospectus included in the Registration Statement, or any form of prospectus, or in any amendment or supplement thereto or in any preliminary prospectus, or arising out of or relating to any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements therein (in the case of any prospectus, or any form of prospectus or supplement thereto, in light of the circumstances under which they were made) not misleading to the extent, but only to the extent, that such untrue statements, alleged untrue statements, omissions or alleged omissions are based upon information regarding Subscriber furnished in writing to the Company by or on behalf of Subscriber expressly for use therein. In no event shall the liability of Subscriber be greater in amount than the dollar amount of the net proceeds received by Subscriber upon the sale of the Subscribed Shares giving rise to such indemnification obligation. Notwithstanding the forgoing, Subscriber indemnification obligations shall not apply to amounts paid in settlement of any Losses or action if such settlement is effected without the prior written consent of Subscriber (which consent shall not be unreasonably withheld or delayed).

(i) Any person or entity entitled to indemnification herein shall (i) give prompt written notice to the indemnifying party of any claim with respect to which it seeks indemnification (provided that the failure to give prompt notice shall not impair any person's or entity's right to indemnification hereunder to the extent such failure has not prejudiced the indemnifying party) and (ii) unless in such indemnified party's reasonable judgment a conflict of interest between such indemnified and indemnifying parties may exist with respect to such claim, permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party. If such defense is assumed, the indemnifying party shall not be subject to any liability for any settlement made by the indemnified party without its consent (but such consent shall not be unreasonably withheld, conditioned or delayed). An indemnifying party who is not entitled to, or elects not to, assume the defense of a claim shall not be obligated to pay the fees and expenses of more than one counsel for all parties indemnified by such indemnifying party with respect to such claim, unless in the reasonable judgment of any indemnified party a conflict of interest may exist between such indemnified party and any other of such indemnified parties with respect to such claim. No indemnifying party shall, without the consent of the indemnified party, consent to the entry of any judgment or enter into any settlement which cannot be settled in all respects by the payment of money (and such money is so paid by the indemnifying party pursuant to the terms of such settlement), which settlement shall not include a statement or admission of fault and culpability on the part of such indemnified party, and which settlement shall include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect to such claim or litigation.

(j) The indemnification provided for under this Subscription Agreement shall remain in full force and effect regardless of any investigation made by or on behalf of the indemnified party or any officer, director or controlling person or entity of such indemnified party and shall survive the transfer of securities.

(k) If the indemnification provided under this Section 5 from the indemnifying party is unavailable or insufficient to hold harmless an indemnified party in respect of any losses, claims, damages, liabilities and expenses referred to herein, then the indemnifying party, in lieu of indemnifying the indemnified party, shall contribute to the amount paid or payable by the indemnified party as a result of such losses, claims, damages, liabilities and expenses in such proportion as is appropriate to reflect the relative fault of the indemnifying party and the indemnified party, as well as any other relevant equitable considerations; provided, however, that the liability of the Subscriber shall be limited to the net proceeds received by such Subscriber from the sale of Subscribed Shares giving rise to such indemnification obligation. The relative fault of the indemnifying party and indemnified party shall be determined by reference to, among other things, whether any action in question, including any untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact, was made by (or not made by, in the case of an omission), or relates to information supplied by (or not supplied by, in the case of an omission), or on behalf of such indemnifying party or indemnified party, and the indemnifying party's and indemnified party's relative intent, knowledge, access to information and opportunity to correct or prevent such action. The amount paid or payable by a party as a result of the losses or other liabilities referred to above shall be deemed to include, subject to the limitations set forth in this Section 5, any legal or other fees, charges or expenses reasonably incurred by such party in connection with any investigation or proceeding. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution pursuant to this Section 5(k) from any person or entity who was not guilty of such fraudulent misrepresentation.

(l) In addition, in connection with any sale, assignment, transfer or other disposition of the Subscribed Shares by the Subscriber pursuant to Rule 144 or pursuant to any other exemption under the Securities Act such that the Subscribed Shares held by the Subscriber become freely tradable and upon compliance by the Subscriber with the requirements of this Subscription Agreement, if requested by the Subscriber, the Company shall use commercially reasonable efforts to cause the transfer agent for the Subscribed Shares (the “Transfer Agent”) to remove any restrictive legends related to the book entry account holding such Subscribed Shares and make a new, unlegended entry for such book entry Subscribed Shares sold or disposed of without restrictive legends within three (3) trading days of any such request therefor from the Subscriber, provided that the Company and the Transfer Agent have timely received from the Subscriber customary representations and other documentation reasonably acceptable to the Company and the Transfer Agent in connection therewith. Subject to receipt from the Subscriber by the Company and the Transfer Agent of customary representations and other documentation reasonably acceptable to the Company and the Transfer Agent in connection therewith, including, if required by the Transfer Agent, an opinion of the Company’s counsel, in a form reasonably acceptable to the Transfer Agent, to the effect that the removal of such restrictive legends in such circumstances may be effected under the Securities Act, the Subscriber may request that the Company remove any legend from the book entry position evidencing its Subscribed Shares following the earliest of such time as such Subscribed Shares (i) (x) are subject to or (y) have been or are about to be sold or transferred pursuant to an effective registration statement, (ii) have been or are about to be sold pursuant to Rule 144, or (iii) are eligible for resale under Rule 144(b) (1) or any successor provision without the requirement for the Company to be in compliance with the current public information requirement under Rule 144 and without volume or manner-of-sale restrictions applicable to the sale or transfer of such Subscribed Shares. If restrictive legends are no longer required for such Subscribed Shares pursuant to the foregoing, the Company shall, in accordance with the provisions of this Section 5(l) and within two (2) trading days of any request therefor from the Subscriber accompanied by such customary and reasonably acceptable representations and other documentation referred to above establishing that restrictive legends are no longer required, deliver to the Transfer Agent irrevocable instructions that the Transfer Agent shall make a new, unlegended entry for such book entry Subscribed Shares. The Company shall be responsible for the fees of its Transfer Agent and all DTC fees associated with such issuance.

Section 6. Termination. This Subscription Agreement shall terminate and be void and of no further force and effect, and all rights and obligations of the parties hereunder shall terminate without any further liability on the part of any party in respect thereof, upon the earliest to occur of (a) such date and time as the Merger Agreement is validly terminated in accordance with its terms, (b) upon the mutual written agreement of the parties hereto to terminate this Subscription Agreement, (c) if any of the conditions to Closing set forth in Section 2 of this Subscription Agreement are not satisfied on or prior to the Closing Date, and (d) December 7, 2022, if the Closing has not occurred by such date; provided, that nothing herein will relieve any party from liability for any willful breach hereof prior to the time of termination, and each party will be entitled to any remedies at law or in equity to recover losses, liabilities or damages arising from such breach. The Company shall notify Subscriber of the termination of the Merger Agreement promptly after the termination thereof. Upon the termination hereof in accordance with this Section 6, any monies paid by Subscriber to the Company in connection herewith shall promptly (and in any event within one (1) Business Day) be returned in full to Subscriber by wire transfer of U.S. dollars in immediately available funds to the account specified by Subscriber, without any deduction for or on account of any tax withholding, charges or set-off, whether or not the Transaction shall have been consummated.

Section 7. Trust Account Waiver. Subscriber hereby acknowledges that, as described in the Company's prospectus relating to its initial public offering (the "IPO") dated August 3, 2021 available at www.sec.gov, the Company has established a trust account (the "Trust Account") containing the proceeds of IPO and from certain private placements occurring simultaneously with the IPO (including interest accrued from time to time thereon) for the benefit of the Company, its public stockholders and certain other parties (including the underwriters of the IPO). For and in consideration of the Company entering into this Subscription Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Subscriber, on behalf of itself and its affiliates, hereby (a) agrees that it does not now and shall not at any time hereafter have any right, title, interest or claim of any kind in or to any assets held in the Trust Account, and shall not make any claim against the Trust Account, arising out or as a result of, in connection with or relating in any way to this Subscription Agreement, and regardless of whether such claim arises based on contract, tort, equity or any other theory of legal liability (any and all such claims are collectively referred to hereafter as the "Released Claims"), (b) irrevocably waives any Released Claims that it may have against the Trust Account now or in the future as a result of, or arising out of, this Subscription Agreement, and (c) agrees that it will not seek recourse against the Trust Account as a result of, in connection with or relating in any way to this Subscription Agreement. Subscriber acknowledges and agrees that such irrevocable waiver is a material inducement to the Company to enter into this Subscription Agreement, and further intends and understands such waiver to be valid, binding, and enforceable against Subscriber in accordance with applicable law. To the extent Subscriber commences any action or proceeding based upon, in connection with, relating to or arising out of any matter relating to the Company or its Representatives, which proceeding seeks, in whole or in part, monetary relief against the Company or its Representatives, Subscriber hereby acknowledges and agrees that such claim shall not permit Subscriber (or any person claiming on Subscriber's behalf or in lieu of Subscriber) to have any claim against the Trust Account (including any distributions therefrom) or any amounts contained therein. Nothing in this Section 7 shall be deemed to limit (i) Subscriber's right to pursue a claim against the Company for legal relief against assets held outside the Trust Account or for specific performance or other equitable relief, (ii) any claims that Subscriber may have in the future against the Company's assets that are not held in the Trust Account or (iii) Subscriber's right to distributions from the Trust Account in accordance with the Company's certificate of incorporation in respect of any redemptions by Subscriber in respect of Class A Common Stock acquired by any means other than pursuant to this Subscription Agreement. Notwithstanding anything in this Subscription Agreement to the contrary, the provisions of this Section 7 shall survive termination of this Subscription Agreement.

Section 8. Miscellaneous.

(a) All notices, requests, demands, claims, and other communications hereunder shall be in writing. Any notice, request, demand, claim, or other communication hereunder shall be deemed duly given (i) when delivered personally to the recipient, (ii) when sent by electronic mail, with no mail undeliverable or other rejection notice, on the date of transmission to such recipient, if sent on a Business Day prior to 5:00 p.m. New York City time, or on the Business Day following the date of transmission, if sent on a day that is not a Business Day or after 5:00 p.m. New York City time on a Business Day, (iii) one (1) Business Day after being sent to the recipient via overnight mail by reputable overnight courier service (charges prepaid), or (iv) four (4) Business Days after being mailed to the recipient by certified or registered mail, return receipt requested and postage prepaid, and, in each case, addressed to the intended recipient at its address specified on the signature page hereof or to such electronic mail address or address as subsequently modified by written notice given in accordance with this Section 8(a). A courtesy electronic copy of any notice sent by methods (i), (iii), or (iv) above shall also be sent to the recipient via electronic mail if an electronic mail address is provided in the applicable signature page hereof or to an electronic mail address as subsequently modified by written notice given in accordance with this Section 8(a).

(b) Subscriber acknowledges that (i) the Company will rely on the acknowledgments, understandings, agreements, representations and warranties of Subscriber contained in this Subscription Agreement and (ii) following the Closing, LanzaTech, will rely on the representations and warranties of the Subscriber contained in this Subscription Agreement; provided, however, that the foregoing clause of this Section 8(b) shall not give the Company any rights other than those expressly set forth herein. Prior to the Closing, Subscriber agrees to promptly notify the Company if it becomes aware that any of the acknowledgments, understandings, agreements, representations and warranties of Subscriber set forth herein are no longer accurate in all material respects. The Company acknowledges that Subscriber will rely on the acknowledgments, understandings, agreements, representations and warranties of the Company contained in this Subscription Agreement. Prior to the Closing, the Company agrees to promptly notify Subscriber if it becomes aware that any of the acknowledgments, understandings, agreements, representations and warranties of the Company set forth herein are no longer accurate in all material respects.

(c) Each of the Company and Subscriber is irrevocably authorized to produce this Subscription Agreement or a copy hereof to any interested party in any administrative or legal proceeding or official inquiry with respect to the matters covered hereby.

(d) Each party hereto shall pay all of its own expenses in connection with this Subscription Agreement and the transactions contemplated herein.

(e) Neither this Subscription Agreement nor any rights that may accrue to Subscriber hereunder (other than the Subscribed Shares acquired hereunder and the rights set forth in Section 5 of this Subscription Agreement) may be transferred or assigned by Subscriber. Neither this Subscription Agreement nor any rights that may accrue to the Company hereunder may be transferred or assigned by the Company. Notwithstanding the foregoing, Subscriber may assign its rights and obligations under this Subscription Agreement to one or more of its affiliates (including other investment funds or accounts managed or advised by the investment manager who acts on behalf of Subscriber) or, with the Company's prior written consent, to another person; provided, that in the case of any such assignment, the assignee(s) shall become a Subscriber hereunder and have the rights and obligations and be deemed to make the representations and warranties of Subscriber provided for herein to the extent of such assignment and provided further that no such assignment shall relieve the assigning Subscriber of its obligations hereunder if any such assignee fails to perform such obligations, unless the Company has given its prior written consent to such relief.

(f) All the agreements, representations and warranties made by each party hereto in this Subscription Agreement shall survive the Closing.

(g) The Company may request from Subscriber such additional information as the Company may reasonably deem necessary to evaluate the eligibility of Subscriber to acquire the Subscribed Shares and to register the Subscribed Shares for resale, and Subscriber shall promptly provide such information as may be reasonably requested, to the extent readily available and to the extent consistent with its internal policies and procedures; *provided*, that the Company agrees to keep any such information provided by Subscriber confidential, except (A) as required by the federal securities laws, rules or regulations and (B) to the extent such disclosure is required by other laws, rules or regulations, at the request of the staff of the Commission or regulatory agency or under the regulations of the Stock Exchange. Subscriber acknowledges that the Company may file a form of this Subscription Agreement with the Commission as an exhibit to a current or periodic report of the Company or a registration statement of the Company.

(h) This Subscription Agreement may not be amended, modified or waived except by an instrument in writing, signed by each of the parties hereto.

(i) This Subscription Agreement constitutes the entire agreement, and supersedes all other prior agreements, understandings, representations and warranties, both written and oral, among the parties, with respect to the subject matter hereof.

(j) Except as otherwise provided herein, this Subscription Agreement is intended for the benefit of the parties hereto and their heirs, executors, administrators, successors, legal representatives, and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other person. Except as set forth in Section 5, Section 8(b), Section 8(c) and this Section 8(j) with respect to the persons specifically referenced therein, this Subscription Agreement shall not confer any rights or remedies upon any person other than the parties hereto, and their respective successors and assigns, and the parties hereto acknowledge that such persons so referenced are third party beneficiaries of this Subscription Agreement for the purposes of, and to the extent of, the rights granted to them, if any, pursuant to the applicable provisions.

(k) The parties hereto acknowledge and agree that (i) this Subscription Agreement is being entered into in order to induce the Company to execute and deliver the Merger Agreement and (ii) irreparable damage would occur in the event that any of the provisions of this Subscription Agreement were not performed in accordance with their specific terms or were otherwise breached and that money or other legal remedies would not be an adequate remedy for such damage. It is accordingly agreed that the parties shall be entitled to equitable relief, including in the form of an injunction or injunctions to prevent breaches or threatened breaches of this Subscription Agreement and to enforce specifically the terms and provisions of this Subscription Agreement, this being in addition to any other remedy to which such party is entitled at law, in equity, in contract, in tort or otherwise. The parties hereto acknowledge and agree that the Company shall be entitled to specifically enforce Subscriber's obligations to fund the Subscription and the provisions of the Subscription Agreement, in each case, on the terms and subject to the conditions set forth herein. The parties hereto further acknowledge and agree: (x) to waive any requirement for the security or posting of any bond in connection with any such equitable remedy; (y) not to assert that a remedy of specific enforcement pursuant to this Section 8(k) is unenforceable, invalid, contrary to applicable law or inequitable for any reason; and (z) to waive any defenses in any action for specific performance, including the defense that a remedy at law would be adequate.

(l) If any provision of this Subscription Agreement shall be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions of this Subscription Agreement shall not in any way be affected or impaired thereby and shall continue in full force and effect.

(m) No failure or delay by a party hereto in exercising any right, power or remedy under this Subscription Agreement, and no course of dealing between the parties hereto, shall operate as a waiver of any such right, power or remedy of such party. No single or partial exercise of any right, power or remedy under this Subscription Agreement by a party hereto, nor any abandonment or discontinuance of steps to enforce any such right, power or remedy, shall preclude such party from any other or further exercise thereof or the exercise of any other right, power or remedy hereunder. The election of any remedy by a party hereto shall not constitute a waiver of the right of such party to pursue other available remedies. No notice to or demand on a party not expressly required under this Subscription Agreement shall entitle the party receiving such notice or demand to any other or further notice or demand in similar or other circumstances or constitute a waiver of the rights of the party giving such notice or demand to any other or further action in any circumstances without such notice or demand.

(n) This Subscription Agreement may be executed and delivered in one or more counterparts (including by electronic mail, in .pdf or other electronic submission) and by different parties in separate counterparts, with the same effect as if all parties hereto had signed the same document. All counterparts so executed and delivered shall be construed together and shall constitute one and the same agreement.

(o) This Subscription Agreement shall be governed by, and construed in accordance with, the laws of the State of Delaware, without regard to the principles of conflicts of laws that would otherwise require the application of the law of any other state.

(p) EACH PARTY AND ANY PERSON ASSERTING RIGHTS AS A THIRD PARTY BENEFICIARY HEREBY WAIVES ITS RESPECTIVE RIGHTS TO A TRIAL BY JURY OF ANY CLAIM OR CAUSE OF ACTION BASED UPON OR ARISING OUT OR RELATED TO THIS SUBSCRIPTION AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY IN ANY ACTION, PROCEEDING OR OTHER LITIGATION OF ANY TYPE BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY OR ANY AFFILIATE OF ANY OTHER SUCH PARTY, WHETHER WITH RESPECT TO CONTRACT CLAIMS, TORT CLAIMS OR OTHERWISE. THE PARTIES AGREE THAT ANY SUCH CLAIM OR CAUSE OF ACTION SHALL BE TRIED BY A COURT TRIAL WITHOUT A JURY. WITHOUT LIMITING THE FOREGOING, THE PARTIES FURTHER AGREE THAT THEIR RESPECTIVE RIGHT TO A TRIAL BY JURY IS WAIVED BY OPERATION OF THIS SECTION AS TO ANY ACTION, COUNTERCLAIM OR OTHER PROCEEDING WHICH SEEKS, IN WHOLE OR IN PART, TO CHALLENGE THE VALIDITY OR ENFORCEABILITY OF THIS SUBSCRIPTION AGREEMENT OR ANY PROVISION HEREOF. THIS WAIVER SHALL APPLY TO ANY SUBSEQUENT AMENDMENTS, RENEWALS, SUPPLEMENTS OR MODIFICATIONS TO THIS SUBSCRIPTION AGREEMENT.

(q) The parties agree that all disputes, legal actions, suits and proceedings arising out of or relating to this Subscription Agreement must be brought exclusively in the Court of Chancery of the State of Delaware and any state appellate court therefrom within the State of Delaware (or, if the Court of Chancery of the State of Delaware declines to accept jurisdiction over a particular matter, any federal court within the State of Delaware or, in the event each federal court within the State of Delaware declines to accept jurisdiction over a particular matter, any state court within the State of Delaware) (collectively the “Designated Courts”). Each party hereby consents and submits to the exclusive jurisdiction of the Designated Courts. No legal action, suit or proceeding with respect to this Subscription Agreement may be brought in any other forum. Each party hereby irrevocably waives all claims of immunity from jurisdiction, and any objection which such party may now or hereafter have to the laying of venue of any suit, action or proceeding in any Designated Court, including any right to object on the basis that any dispute, action, suit or proceeding brought in the Designated Courts has been brought in an improper or inconvenient forum or venue. Each of the parties also agrees that delivery of any process, summons, notice or document to a party hereof in compliance with Section 8(a) of this Subscription Agreement shall be effective service of process for any action, suit or proceeding in a Designated Court with respect to any matters to which the parties have submitted to jurisdiction as set forth above.

(r) This Subscription Agreement may only be enforced against, and any claim, action, suit or other legal proceeding based upon, arising out of, or related to this Subscription Agreement, or the negotiation, execution or performance of this Subscription Agreement, may only be brought against the entities that are expressly named as parties hereto.

(s) If applicable, the Company shall, by 9:00 a.m., New York City time, by the fourth (4th) Business Day immediately following the date of this Subscription Agreement, file with the Commission a Current Report on Form 8-K (the “Disclosure Document”) disclosing all material terms of this Subscription Agreement and the transactions contemplated hereby, and any other material, nonpublic information that the Company has provided to Subscriber or any of Subscriber’s affiliates, attorneys, agents or representatives at any time prior to the filing of the Disclosure Document and including as exhibits to the Disclosure Document, the form of this Subscription Agreement (in each case, without redaction). Upon the issuance of the Disclosure Document, to the Company’s knowledge, Subscriber and Subscriber’s affiliates, attorneys, agents and representatives shall not be in possession of any material, non-public information received from the Company or any of its affiliates, officers, directors, or employees or agents, and Subscriber shall no longer be subject to any confidentiality or similar obligations under any current agreement, whether written or oral with the Company or any of its respective affiliates. Notwithstanding anything in this Subscription Agreement to the contrary, the Company (i) shall not publicly disclose the name of Subscriber or any of its affiliates or advisers, or include the name of Subscriber or any of its affiliates or advisers in any press release, without the prior written consent of Subscriber and (ii) shall not publicly disclose the name of the Subscriber or any of its affiliates or advisers, or include the name of the Subscriber or any of its affiliates or advisers in any filing with the Commission or any regulatory agency or trading market, without the prior written consent of Subscriber, except (A) as required by the federal securities laws, rules or regulations and (B) to the extent such disclosure is required by other laws, rules or regulations, at the request of the staff of the Commission or regulatory agency or under the regulations of the Stock Exchange, in which case of clause (A) or (B), the Company shall provide the Subscriber with prior written notice (including by e-mail) of such permitted disclosure, and shall reasonably consult with the Subscriber regarding such disclosure. Subscriber will promptly provide any information reasonably requested by the Company for any regulatory application or filing made or approval sought in connection with the Transaction (including filings with the Commission).

(t) The obligations of Subscriber under this Subscription Agreement are several and not joint with the obligations of any Other Subscriber or any other investor under the Other Subscription Agreements, and Subscriber shall not be responsible in any way for the performance of the obligations of any Other Subscriber under this Subscription Agreement or any Other Subscriber or other investor under the Other Subscription Agreements. The decision of Subscriber to purchase Subscribed Shares pursuant to this Subscription Agreement has been made by Subscriber independently of any Other Subscriber or any other investor and independently of any information, materials, statements or opinions as to the business, affairs, operations, assets, properties, liabilities, results of operations, condition (financial or otherwise) or prospects of the Company, LanzaTech or any of their respective subsidiaries which may have been made or given by any Other Subscriber or investor or by any agent or employee of any Other Subscriber or investor, and neither Subscriber nor any of its agents or employees shall have any liability to any Other Subscriber or investor (or any other person) relating to or arising from any such information, materials, statements or opinions. Nothing contained herein or in any Other Subscription Agreement, and no action taken by Subscriber or Other Subscriber or other investor pursuant hereto or thereto, shall be deemed to constitute Subscriber and any Other Subscribers or other investors as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that Subscriber and any Other Subscribers or other investors are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by this Subscription Agreement and the Other Subscription Agreements. Subscriber acknowledges that no Other Subscriber has acted as agent for Subscriber in connection with making its investment hereunder and no Other Subscriber will be acting as agent of Subscriber in connection with monitoring its investment in the Subscribed Shares or enforcing its rights under this Subscription Agreement. Subscriber shall be entitled to independently protect and enforce its rights, including without limitation the rights arising out of this Subscription Agreement, and it shall not be necessary for any Other Subscriber or investor to be joined as an additional party in any proceeding for such purpose.

(u) The headings herein are for convenience only, do not constitute a part of this Subscription Agreement and shall not be deemed to limit or affect any of the provisions hereof. The language used in this Subscription Agreement will be deemed to be the language chosen by the parties hereto to express their mutual intent, and no rules of strict construction will be applied against any party. Unless the context otherwise requires, (i) all references to Sections, Schedules or Exhibits are to Sections, Schedules or Exhibits contained in or attached to this Subscription Agreement, (ii) each accounting term not otherwise defined in this Subscription Agreement has the meaning assigned to it in accordance with GAAP, (iii) words in the singular or plural include the singular and plural and pronouns stated in either the masculine, the feminine or neuter gender shall include the masculine, feminine and neuter, (iv) the use of the word "including" in this Subscription Agreement shall be by way of example rather than limitation, and (v) the word "or" shall not be exclusive.

(v) The Company shall be responsible for paying all present or future stamp, court or documentary, intangible, recording, filing or similar taxes that arise from any payment or issuance made under, from the execution, delivery, performance or enforcement of, or otherwise with respect to, this Subscription Agreement.

(w) If any change in the Class A Common Stock shall occur between the date hereof and immediately prior to the Closing by reason of any reclassification, recapitalization, stock split (including reverse stock split) or combination, exchange or readjustment of shares, or any stock dividend, the number of Subscribed Shares issued to Subscriber, and the Per Share Price for such Subscribed Shares, shall be appropriately adjusted to reflect such change.

[Signature pages follow.]

IN WITNESS WHEREOF, the Company has accepted this Subscription Agreement as of the date first set forth above.

AMCI ACQUISITION CORP. II

By: _____
Name:
Title:

Address for Notices:

AMCI Acquisition Corp. II
600 Steamboat Road
Greenwich, CT 06830
Email: [***]
Attention: Nimesh Patel

with a copy (not to constitute notice) to:

White & Case LLP
1221 Avenue of the Americas
New York, New York 10020
Email: [***]
[***]
Attention: Joel Rubinstein
Elliott Smith

[Signature Page to Subscription Agreement]

IN WITNESS WHEREOF, Subscriber has executed or caused this Subscription Agreement to be executed by its duly authorized representative as of the date set forth below.

Name of Subscriber:

State/Country of Formation or Domicile:

By: _____
Name: _____
Title: _____

Name in which Subscribed Shares are to be registered (if different):

Date: October ____, 2022

Subscriber's EIN:

Business Address-Street:

Mailing Address-Street (if different):

City, State, Zip:

City, State, Zip:

Attn: _____

Attn: _____

Telephone No.:
Email for notices:

Telephone No.:
Email for notices (if different):

Number of Shares of Class A Common Stock subscribed for:

Aggregate Purchase Price: \$

Price Per Share: \$10

[Signature Page to Subscription Agreement]

ANNEX A

ELIGIBILITY REPRESENTATIONS OF SUBSCRIBER

This Annex A should be completed and signed by Subscriber
and constitutes a part of the Subscription Agreement.

1. QUALIFIED INSTITUTIONAL BUYER STATUS (Please check the box, if applicable)

- Subscriber is a “qualified institutional buyer” (as defined in Rule 144A under the Securities Act) (a “QIB”)
- We are subscribing for the Subscribed Shares as a fiduciary or agent for one or more investor accounts, and each owner of such account is a QIB.

**** OR ****

2. ACCREDITED INVESTOR STATUS (Please check each box)

- Subscriber is an institutional “accredited investor” (within the meaning of Rule 501(a)(1), (2), (3) or (7) under the Securities Act) or an entity in which all of the equity holders are accredited investors within the meaning of Rule 501(a) under the Securities Act, and has marked and initialed the appropriate box below indicating the provision under which it qualifies as an “accredited investor.”
- Subscriber is an “institutional account” within the meaning of FINRA Rule 4512(c).

**** AND ****

3. AFFILIATE STATUS
(Please check the applicable box)

SUBSCRIBER:

is:

is not:

an “affiliate” (as defined in Rule 144 under the Securities Act) of the Company or acting on behalf of an affiliate of the Company.

Rule 501(a), in relevant part, states that an “accredited investor” shall mean any person who comes within any of the below listed categories, or who the issuer reasonably believes comes within any of the below listed categories, at the time of the sale of the securities to that person. Subscriber has indicated, by marking and initialing the appropriate box(es) below, the provision(s) below which apply to Subscriber and under which Subscriber accordingly qualifies as an institutional “accredited investor.”

- Any bank, registered broker or dealer, insurance company, registered investment company, business development company, small business investment company, private business development company, or rural business investment company;
 - Any investment adviser registered pursuant to section 203 of the Investment Advisers Act or registered pursuant to the laws of a state;
-

- Any investment adviser relying on the exemption from registering with the Commission under section 203(l) or (m) of the Investment Advisers Act;
- Any plan established and maintained by a state, its political subdivisions, or any agency or instrumentality of a state or its political subdivisions, for the benefit of its employees, if such plan has total assets in excess of \$5,000,000;
- Any employee benefit plan within the meaning of Title I of the Employee Retirement Income Security Act of 1974 (“ERISA”), if (i) the investment decision is made by a plan fiduciary, as defined in section 3(21) of ERISA, which is either a bank, a savings and loan association, an insurance company, or a registered investment adviser, (ii) the employee benefit plan has total assets in excess of \$5,000,000 or, (iii) such plan is a self-directed plan, with investment decisions made solely by persons that are “accredited investors”;
- Any (i) corporation, limited liability company or partnership, (ii) Massachusetts or similar business trust, or (iii) organization described in section 501(c)(3) of the Internal Revenue Code, in each case that was not formed for the specific purpose of acquiring the securities offered and that has total assets in excess of \$5,000,000;
- Any trust, with total assets in excess of \$5,000,000, not formed for the specific purpose of acquiring the securities offered, whose purchase is directed by a sophisticated person as described in Section 230.506(b)(2)(ii) of Regulation D under the Securities Act;

This Annex A should be completed by Subscriber and constitutes a part of the Subscription Agreement.
