CALIFORNIA ALTERNATIVE ENERGY AND ADVANCED TRANSPORTATION FINANCING AUTHORITY

Request to Approve a Time Extension for the Initial Term of the Regulatory Agreement¹

> Atara Biotherapeutics, Inc. Application No. 17-SM002

Tuesday, December 14, 2021

Prepared By: Stefani Wilde, Program Analyst

SUMMARY

Applicant – Atara Biotherapeutics, Inc.

Location – Thousand Oaks, Ventura County

Industry – Biopharmaceutical Manufacturing

Project – Construction of a New T-cell Manufacturing Facility (Advanced Manufacturing)

Total Amount of Qualified Property Approved-\$16,285,217

Estimated Sales and Use Tax Exclusion Amount at Approval² – \$1,371,215

Amount of Time Requested –

• Six months and 13 days, until June 30, 2022, for the Initial Term of the Regulatory Agreement (five years, six months, and 13 days from the date of initial CAEATFA Board approval)

Staff Recommendation – Approval

¹ All capitalized terms not defined in this document are defined in the Sales and Use Tax Exclusion Program's statutes and regulations.

 $^{^2}$ This amount is calculated based on the average statewide sales tax rate at the time of initial approval, which was 8.42%.

REQUEST

On January 17, 2017, the CAEATFA Board approved a sales and use tax exclusion ("STE") for Atara Biotherapeutics, Inc. (the "Applicant") for the purchase of up to \$16,285,217 in Qualified Property to build a new T-cell manufacturing facility at the Conejo Spectrum Development Project in Thousand Oaks (the "Project"). The Regulatory Agreement ("Agreement") initial term provided the Applicant with three years from the date of Board Approval to utilize its STE award.³

On December 17, 2019, the CAEATFA Board approved the Applicant for a two-year extension of the initial term of the Agreement from its original termination date of January 17, 2020, to accommodate delays with the build-out of its manufacturing suites within its Atara T-cell Operations and Manufacturing ("ATOM") facility due to design changes.

As of July 27, 2021, the Applicant has used the STE to purchase \$11,755,864 of Qualified Property (72% of the total Qualified Property approved) and opened its ATOM facility in June 2018. The Applicant is requesting to extend the Agreement initial term by six months and 13 days to accommodate delays due to the COVID-19 pandemic.

The initial term of the Agreement can be extended by the Board upon a finding that an extension is in the public interest and advances the purposes of the STE Program.⁴

The Applicant explains that limited staffing resources as a result of the pandemic delayed the finalization of the design for the upgrade of the ATOM facility, which in turn delayed purchasing timelines. Additionally, the pandemic has caused longer lead-times for equipment delivery. However, the Applicant states it has finished the facility upgrade design and has contracted with multiple suppliers for the remaining construction and equipment purchases, which is currently underway and is anticipated to be complete by the end of June 2022.

THE APPLICANT

Atara Biotherapeutics, Inc., is a Delaware Corporation founded in 2012 that has employees based in California, Colorado, and New York. The Applicant is focused on developing therapies for patients with severe and life-threatening diseases that have been underserved by scientific innovation. The Applicant's primary focus is on the development of allogenic, or third-party derived, antigen-specific T-cell therapies.

The Applicant's initial T-cell products target viral- or cancer-specific antigens to harness the body's immune system to counteract viral infections and cancers. Their most advanced T-cell product, Tab-cel[®] is in Phase 3 clinical trials for post-transplant lymphoproliferative disease (PTLD). The Applicant also has several other T-cell product candidates in ongoing clinical trials. The Applicant currently outsources the majority of manufacturing of T-cells for clinical trials,

³ California Code of Regulations Title 4, Division 13, Section 10035(b)(1)(A)

⁴ California Code of Regulations Title 4, Division 13, Section 10035(b)(1)(B)

but plans to use the new ATOM facility to support growing production requirements, including for potential commercialization.

The major shareholders (10.0% or greater) of the Applicant are:	The corporate officers of the Applicant are:
The Baupost Group, LLC (10%)	Pascal Touchon, D.V.M, President, CEO, and Director
	Jacob Dupont, MD, EVP, Global Head of Research and
	Development
	Utpal Koppikar, SVP, CFO
	Joseph Newell, SVP, General Counsel
	Kristin Yarema, Ph.D., SVP, Chief Commercial Officer

THE PROJECT

The Applicant requested a sales and use tax exclusion to build a new T-cell manufacturing facility at the Conejo Spectrum Development Project in Thousand Oaks. The facility opened in June 2018 and includes both T-cell manufacturing space and equipment, and was designed to accommodate space for both new and existing research and development staff.

The manufacturing facility has been configured as a modular clean room system within a mixeduse industrial building shell. The clean room system includes pre-fabricated walls and other structural components, as well as air handlers and ductwork to support the design and environmental specifications. All processes within the manufacturing clean room areas will be performed under aseptic conditions. The Applicant's clinical stage T-cell product candidates are planned to be manufactured at the facility. The facility design will provide the flexibility to meet both current manufacturing demands and future technologies under development.

AGREEMENT INITIAL TERM EXTENSION REQUEST

The Applicant has requested that the initial term of the Agreement be extended from January 17, 2022, to June 30, 2022, in order to accommodate delays due to the COVID-19 pandemic.

Staff Evaluation

According to the Applicant, the delays it has experienced are directly related to the COVID-19 pandemic. It states the most significant cause of the delays was a lack of proper staffing, which in turn delayed the design, and ultimately, the upgrade process as a whole. Additional delays were due to extended equipment delivery times. The Applicant states that the upgrade for the ATOM facility is currently underway and is scheduled for completion by the second quarter of 2022. At this time, the Applicant has completed six manufacturing suites, with five currently operational. This extension is necessary to make final purchases needed to make the sixth suite operational, which the Applicant states will be done in the next six months. The Applicant states the scope of the Project has not changed.

Based on this information, Staff believes extending the initial term of the Agreement will allow for the Project to be completed, and is, therefore, in the public interest and advances the purposes of the STE Program.

LEGAL QUESTIONNAIRE

Staff reviewed the Applicant's responses to the questions contained in the Legal Status portion of the Application. The responses did not disclose any information that raises questions concerning the financial viability or legal integrity of this Applicant.

CAEATFA FEES

In accordance with STE Program Regulations,⁵ the Applicant has paid an additional fee of \$2,000 because extending the initial term qualifies as a modification to the Applicant's Agreement.

RECOMMENDATION

Staff recommends that the Board approve the Applicant's request to extend the initial term of the Agreement by six months and 13 days to June 30, 2022, as it is in the public interest and advances the purposes of the STE Program.

Attachments

Attachment A: Atara Biotherapeutics, Inc.'s letter requesting waiver (September 30, 2021)Attachment B: Atara Biotherapeutics, Inc.'s staff summary at the time of approval

⁵ California Code of Regulations Title 4, Division 13, Section 10036(c)(1)(B)

RESOLUTION APPROVING A TIME EXTENSION FOR ATARA BIOTHERAPEUTICS, INC.'S INITIAL TERM FOR THE MASTER REGULATORY AGREEMENT

December 14, 2021

WHEREAS, on January 17, 2017, the California Alternative Energy and Advanced Transportation Financing Authority (the "Authority"), a public instrumentality of the State of California, approved a Sales Tax Exclusion ("STE") in the amount of \$16,285,217 of Qualified Property for **Atara Biotherapeutic, Inc.** (the "Applicant"); and

WHEREAS, within three (3) years of approval by the Authority, the Applicant must make all Qualified Property purchases (STE Program regulations Section 10035(b)(1)); and

WHEREAS, upon a finding that it is in the public interest and advances the purposes of the Program, the Authority may waive the requirement that all purchases of Qualified Property be made within three (3) years of Application approval (STE Program regulations Section 10035(b)(1)(B)); and

WHEREAS, the Applicant previously had requested a waiver of the requirement to purchase all of the Qualified Property within three (3) years due to unexpected delays in the Project timeline, extending the term by two (2) years to January 17, 2022, and

WHEREAS, the Applicant has requested a waiver of the requirement to purchase all of the Qualified Property by January 17, 2022, due to unexpected delays in the Project timeline, extending the term by six (6) months and 13 days to June 30, 2022; and

WHEREAS, granting the waiver will allow the Project to proceed and the state to receive the anticipated environmental and economic benefits that justified the initial approval of the Project in accordance with the law, thereby advancing both the public interest and the purposes of the Program.

NOW, THEREFORE, BE IT RESOLVED by the California Alternative Energy and Advanced Transportation Financing Authority, as follows:

Section 1. The Authority finds that it is in the public interest and advances the purposes of the Program to extend the Applicant's initial term of the Regulatory Agreement to June 30, 2022.

<u>Section 2</u>. This resolution shall take effect immediately upon its passage.

Attachment A: Atara Biotherapeutics, Inc.'s Letter Requesting Waiver (September 30, 2021)



611 Gateway Boulevard Suite 900 South San Francisco, CA 94080 Phone: 650-278-8930 www.atarabio.com

September 30, 2021

California Alternative Energy and Advanced Transportation Financing Authority 915 Capitol Mall, Room 538 Sacramento, California 95814

RE: Sales and Use Tax Exclusion Program - Extension Request

Dear Sir/Madam,

With reference to the Master Regulatory Agreement between Atara Biotherapeutics, Inc. ("Atara") and the California Alternative Energy and Advanced Transportation Financing Authority ("CAEATFA") dated February 16, 2017, with approved Initial Term Extension of two years until January 17, 2022, Atara hereby requests extension of the Sales Tax Exclusion until June 30th, 2022.

The STE Program was an important factor in Atara's decision to base its state-of-the-art manufacturing facility in Thousand Oaks, California as opposed to Aurora, Colorado, which was competing for the site. This Atara T-cell Operations and Manufacturing (ATOM) facility, which opened in June 2018, is a 90,580 square foot cellular therapy manufacturing, lab and office facility, which together with office space in the adjacent building and our Northern California Headquarters, currently employs approximately 450 full-time staff, including many highly-skilled manufacturing and senior management positions.

ATOM is designed to global regulatory standards. The facility commissioning and qualification activities to support clinical operations are complete. There are already six manufacturing suites that have been completed and five are currently operational, which are primarily focusing on our Phase 3 allogenic T-cell therapy, Tab-cel[®]. We also have three labs (research, process development and quality control) in operation.

We have and continue to build out our 6th manufacturing suite which requires additional equipment purchases, construction modifications and utilities upgrades related to production of our allogenic T-cell therapy for multiple sclerosis (ATA188). We plan to incur the necessary expenses to make the sixth suite operational in the next 9 months. The commissioning and qualification activities for commercial production are progressing and are aligned with our commercial strategy.

To date, we have invested \$11,755,864 in Qualified Property that is subject to this program. The remainder of the total \$16,285,217 of Qualified Property has yet to be purchased due to a slower than

anticipated build-out of the manufacturing suites within the facility. This delay was initially due to changes to the design of the manufacturing process for Tab-cel[®] and the timing of our manufacturing of ATA188 at ATOM, and further delayed due to the Covid-19 Pandemic.

Overall, the scope of the project has not changed, and we anticipate any remaining spending to occur over the next 9 months. The milestones have also not changed, and we still anticipate purchasing cell culture-related equipment and modular clean room materials to continue building out our manufacturing capacity.

We are excited to be a growing company with its primary manufacturing facility located in California, and we thank you for your support.

Sincerely,

David Tucker VP Finance, Atara Biotherapeutics, Inc.

Attachment B: Atara Biotherapeutics, Inc.'s Staff Summary at the Time of Approval

The original award staff summary can be found on the CAEATFA website.

Agenda Item – 4.A.2 Resolution No. 17-SM002 Application No. 17-SM002

CALIFORNIA ALTERNATIVE ENERGY AND ADVANCED TRANSPORTATION FINANCING AUTHORITY

Request to Approve Project for Sales and Use Tax Exclusion (STE)¹

Atara Biotherapeutics, Inc. Application No. 17-SM002

January 17, 2017

Prepared By: Ellen Hildebrand, Analyst

SUMMARY

Applicant – Atara Biotherapeutics, Inc.

Location - Thousand Oaks, Ventura County

Industry - Biopharmaceutical

Project – Construction of a New Manufacturing Facility (Advanced Manufacturing)

Value of Qualified Property - \$16,285,217

Estimated Sales and Use Tax Exclusion Amount² – \$1,371,215

Application Score –

s Points: 6,440	Fiscal Benefits Points:
s Points: 55	Environmental Benefits Points:
s Score: 6,495	Net Benefits Score:
s Points: 85	Additional Benefits Points:
l Score: 6,580	Total Score:
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Staff Recommendation - Approval

¹ All capitalized terms not defined in this document are defined in the Program's statute and regulations.

 $^{^2}$ This amount is calculated based on the average statewide sales tax rate of 8.42%.

THE APPLICANT

Atara Biotherapeutics, Inc. ("Atara", the "Applicant", or the "Company") is a Delaware Corporation founded in 2012 that has employees based in California, Colorado, and New York. The Applicant is focused on developing therapies for patients with severe and life-threatening diseases that have been underserved by scientific innovation. Atara produces two groups of products, allogenic, or third-party derived, antigen-specific T-cells, and molecularly targeted biologics.

Atara's initial T-cell products target viral- or cancer-specific antigens to harness the body's immune system to counteract viral infections and cancers. Their most advanced T-cell product, EBV-CTL is entering into trials for Epstein-Barr virus and other disorders. Atara also has two T-cell products in ongoing clinical trials. The Company currently outsources all manufacturing of T-cell products in the preclinical study and clinical trial stage, but plans to build its own T-cell manufacturing and research facility to support growing production requirements.

The major shareholders (10.0% or greater) of	The corporate officers of Atara Biotherapeutics
Atara Biotherapeutics are:	are:
The Baupost Group, LLC (18.6%)	Isaac Ciechanover, M.D., CEO & President
Fidelity Management & Research Company	Mitchall G. Clark, EVP and Chief Regulatory
(10.01%)	& Quality Officer
14 12	Christopher Haqq, M.D., Ph.D., EVP, R&D and
	Chief Scientific Officer
	John F. McGrath, Jr., EVP and Chief Financial
	Officer
	Gad Soffer, EVP and Chief Strategy Officer
	Heather D. Turner, EVP, General Counsel and
	Secretary and Head of Portfolio Strategy
	Steve Bertram, SVP, Global HR

THE PROJECT

The Applicant is requesting a sales and use tax exclusion to build a new T-cell manufacturing facility at the Conejo Spectrum Development Project in Thousand Oaks, California (the "Project"). The facility will include both T-cell manufacturing space and equipment, and space for new and existing research and development staff.

The manufacturing facility will be configured as a modular clean room system within a mixeduse industrial building shell. The clean room system will include pre-fabricated walls and other structural components, as well as air handlers and ductwork to support the design and environmental specifications. All processes within the manufacturing clean room areas are intended to be performed under aseptic conditions. Atara's three clinical stage T-cell product candidates are expected to be manufactured at the facility. The facility design will provide the flexibility to meet both current manufacturing demands and future technologies under development.

Agenda Item – 4.A.2
Resolution No. 17-SM002
Application No. 17-SM002

ANTICIPATED COSTS OF QUALIFIED PROPERTY

The anticipated Qualified Property purchases are listed below:

Centrifuges	\$	25,702
Fill System (Final Product)		400,000
Biosafety Cabinets		425,000
CryoCarts (Product Transfer after Freeze)		20,000
Automated Cell Counters		333,000
Irradiator		650,000
Radioactive Miscellaneous		11,120
Data Logger - Mapping Qualifications		8,695
CliniMacs		300,000
QuadroMacs		6,372
Automated Cell Counters		237,000
Blood Gas Analyzers		388,444
Liquid Scintillation Counter		36,000
Plate Readers		100,500
LN Freezers		675,000
Sterility Isolators		850,000
Tube Welder		85,000
Incubators]	,738,800
Flow Cytometers		786,000
Fungus Testing		3,800
Centrifuges, Refrigerated		235,200
Controlled Rate Freezers		95,000
Upright Refrigerators		35,700
Dry Bath and Beads		5,970
LN Shipping Containers		10,000
Water Baths		2,384
Refrigerators 4°C		4,190
Miscellaneous Freezers		99,600
Pipet aids		4,340
Pippetors		22,440
Osmometers		36,000
pH/Conductivity meters		21,000
Microcentrifuges		6,000
Manufacturing Clean Rooms	8	3,626,960
Tota	al <u>\$16</u>	5,285,217

Note: The Qualified Property purchases reported in the Application and shown here in staff's report are estimated costs. At the termination of the master regulatory agreement a finalized project equipment list will be prepared detailing the value of the Project equipment acquired and detailing the actual tax benefit realized pursuant to Revenue and Tax Code Section 6010.8. Variance from the costs shown in the Application and in this report may occur prior to the closing due to increased costs of certain components (of the Project) over original estimates, and other reasons. In addition, such costs may vary after closing due also to increased costs, as well as common design and equipment modifications during construction, differences in equipment due to future changes in law or regulation, or for other reasons.

TIMELINE

Construction of the core and shell of the facility began in December 2016, and the manufacturing facility construction inside the core and shell is expected to start in April 2017. Testing of the facility is expected to begin in Q1 2018, with clinical production beginning in Q3 2018.

PROJECT EVALUATION

NET BENEFITS

The total cost of the Qualified Property purchases is anticipated to be \$16,285,217 and the total net benefits are valued at \$7,458,864 for the Project. The Project received a Total Score of 6,580 points, which exceeds the required 1,000 point threshold and a total Environmental Benefits Score of 55 points, which exceeds the 20 point threshold.

- A. Fiscal Benefits (6,440 points). The net present value of the total fiscal benefits over the lifetime of the Qualified Property is derived from the Applicant's sales taxes, personal income taxes paid by the firm's employees, firm taxes on profits, property taxes and other indirect fiscal benefits of the Applicant which amounts to \$8,830,079 resulting in a Fiscal Benefits score of 6,440 points for the Project.
- **B.** <u>Environmental Benefits (55 points)</u>. The Project will result in an Environmental Benefits Score of 55 points. The Applicant received points in the following categories:
 - 1. <u>Environmental Sustainability Plan (20 of 20 points)</u>. The Applicant will implement an environmental sustainability for its Project that it represents will track all facility energy usage and waste generation.
 - 2. <u>Water Use (5 of 30 points)</u>. The Applicant represents that its manufacturing process will result in a 5% reduction in water use relative to the industry standard manufacturing process.
 - 3. <u>Hazardous Waste (30 of 30 points)</u>. The Applicant represents that its manufacturing process will result in a 100% reduction in hazardous waste produced relative to the industry standard manufacturing process.
- C. <u>Additional Benefits (85 points)</u>. Applicants may earn additional points for their Total Score. The applicant submitted information and received 85 additional points.
 - 1. <u>Permanent Jobs (30 of 75 points)</u>. The Applicant's Project will support a total of 53 permanent jobs at its Facility. CAEATFA estimates that approximately 3 of these jobs will be attributable to a marginal increase in

jobs created due to the approved STE resulting in a Permanent Jobs Score of 30 points for the Project.

- 2. <u>Construction Jobs (30 of 75 points)</u>. The Applicant's Project will support a total of 50 construction jobs at its Facility. CAEATFA estimates that approximately 3 of these jobs will be attributable to a marginal increase in jobs created due to the approved STE resulting in a Construction Jobs Score of 30 points for the Project.
- 3. <u>Research and Development Facilities (25 points)</u>. The Applicant has verified that it has a facility located in California that performs research and development functions related to the biopharmaceutical development and production process.

STATUS OF PERMITS/OTHER REQUIRED APPROVALS

Shell construction plans have been permitted and construction has begun. A radioactive license is required for laboratory operations and is in development with expected approval in Q4 2017. Atara has contracted with an outside firm to handle permitting and represents that all other permits are in the process of being obtained.

LEGAL QUESTIONNAIRE

Staff reviewed the Applicant's responses to the questions contained in the Legal Status portion of the Application. The responses did not disclose any information that raises questions concerning the financial viability or legal integrity of this Applicant.

CAEATFA FEES

In accordance with CAEATFA Regulations,³ the Applicant has paid CAEATFA an Application Fee of \$8,143 and will pay CAEATFA an Administrative Fee of up to \$65,141.

RECOMMENDATION

Staff recommends approval of Resolution No. 17-SM002 for Atara Biotherapeutics, Inc.'s purchase of Qualified Property in an amount not to exceed \$16,285,217 anticipated to result in an approximate sales and use tax exclusion value of \$1,371,215.

³ California Code of Regulations Title 4, Division 13, Section 10036

RESOLUTION APPROVING AND AUTHORIZING EXECUTION OF A MASTER REGULATORY AGREEMENT WITH ATARA BIOTHERAPEUTICS, INC.

January 17, 2017

WHEREAS, the California Alternative Energy and Advanced Transportation Financing Authority (the "Authority" or "CAEATFA") has received the Application of Atara Biotherapeutics, Inc. (the "Applicant"), for financial assistance in the form of a master regulatory agreement (the "Agreement") regarding tangible personal property utilized to process Recycled Feedstock, in an Advanced Manufacturing process or for the design, manufacture, production or assembly of Advanced Transportation Technologies or Alternative Source products, components, or systems ("Qualified Property") as more particularly described in the staff summary and in the Applicant's Application to the Authority (collectively, the "Project"); and

WHEREAS, the Applicant has requested the Authority to enter into the Agreement to acquire Project equipment with an estimated cost not to exceed \$16,285,217 over a period of three years; and

WHEREAS, the Applicant believes that this form of financial assistance will enable it to avail itself of the benefits of an exclusion from sales and use taxes relative to the Qualified Property pursuant to California Revenue and Taxation Code Section 6010.8; and

WHEREAS, approval of the terms of the Agreement and authority for the Executive Director, Deputy Executive Director, or Chair of the Authority to execute the necessary documents to effectuate the Agreement is now sought;

NOW, THEREFORE, BE IT RESOLVED by the California Alternative Energy and Advanced Transportation Financing Authority, as follows:

Section 1. The Project constitutes a "project" within the meaning of Public Resources Code Section 26003(a)(8)(B).

<u>Section 2</u>. The requested master regulatory agreement constitutes "financial assistance" within the meaning of Public Resources Code Section 26003(a)(6).

<u>Section 3</u>. The Applicant is a "participating party" within the meaning of Public Resources Code Section 26003(a)(7).

Section 4. The Executive Director, Deputy Executive Director, or Chair of the Authority (the "Authorized Signatories") are hereby authorized for and on behalf of the Authority to approve any changes to the Project as the Executive Director shall deem appropriate, provided that the amount of the Qualified Property to be purchased may not be increased above the amount approved by the Authority.

Section 5. The proposed form of the Agreement between the Applicant and the Authority, as filed with the Authority prior to this meeting, is hereby approved. The Authorized Signatories are hereby authorized and directed, for and on behalf and in the name of the Authority, to execute, acknowledge and deliver to the Applicant the Agreement in substantially the form filed with or approved by the Authority, with such insertions, deletions or changes therein as the Authorized Signatory executing the same may require or approve, and with particular information inserted therein in substantial conformance with the staff summary and in the Applicant's Application to the Authority, such approval to be conclusively evidenced by the execution and delivery thereof. The Authority understands and agrees that pursuant to the terms of the Agreement, the obligations of the Applicant may, under some circumstances, be carried out or assumed by a successor or assignee entity, or by an affiliate of the Applicant.

<u>Section 6</u>. Each of the Authorized Signatories, acting alone, is hereby authorized and directed to do any and all ministerial acts, including (without limitation) the execution and delivery of any and all documents and certificates they may deem necessary or advisable in order to consummate the Agreement and otherwise effectuate the purposes of this Resolution.

<u>Section 7</u>. The Applicant shall assure CAEATFA that all Qualified Property listed in the semi-annual reports pursuant to the Agreement shall be installed, maintained and operated in compliance with all applicable local, state and federal laws.

<u>Section 8</u>. The Agreement shall only apply to Qualified Property that the Applicant certifies will be installed, maintained and operated at facilities within the State of California.

<u>Section 9</u>. The adoption by the Authority of this Resolution for the Applicant shall not be referred to in any application before any governmental agency as evidence of the feasibility, practicality or suitability of the Project or in any application for any required permission or authority to acquire, construct or operate the Project.

<u>Section 10</u>. This Resolution is effective immediately and will remain in full force and effect unless the Regulatory Agreement, as defined in CAEATFA Regulations Section 10035(a), is not executed within thirty (30) days of the date of this Resolution. The Executive Director may extend the thirty days if necessary.

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