

APPROVED MINUTES

ONE HUNDRED AND TWENTY NINTH MEETING

of the

BOARD OF DIRECTORS

of the

MASSACHUSETTS TECHNOLOGY PARK CORPORATION

October 6, 2023

Zoom Videoconference

The One Hundred and Twenty-Ninth Meeting of the Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative” or “Mass Tech”) was held on October 6, 2023, via Zoom videoconference pursuant to notice duly given to the Directors and publicly posted on the Mass Tech Collaborative website with corresponding notice provided to the Office of the Secretary of State and the Executive Office for Administration and Finance.

The following members of the Mass Tech Collaborative Board of Directors were present and participated: Undersecretary of Economic Development Sarah Stanton (representing Secretary of Economic Development Yvonne Hao), Julie Chen, Scott Dellicker, Ernesto DiGiambattista, Joseph Dorant, Paige Fetzer-Borelli, Richard Lester, Pam Reeve, Jeffrey Stein, Alexander Stoliarov, Alok Tayi, Bogdan Vernescu, and Nate Walton.

The following members of the Mass Tech Collaborative staff were present: Carolyn Kirk, Holly Lucas Murphy, Lisa Erlandson, Jennifer Saubermann, Michael Baldino, Pat Larkin, Ben Linville-Engler, Brianna Wehrs, John Petrozzelli, Keely Benson, Kelly Kleanthous, James Byrnes, Sharron Wall, Megan Marszalek, Max Fathy, Joshua Eichen, John Wetzal, Jason Hoch, and Paula Foley.

Undersecretary Stanton observed the presence of a quorum and called the meeting of the Mass Tech Board of Directors to order at 10:07 a.m.

Agenda Item I Approval of Minutes

After a period of brief discussion and upon a motion duly made and seconded, it was VOTED by a roll call vote, with Ms. Chen abstaining:

The Board of Directors of the Massachusetts Technology Park Corporation, acting pursuant to section three of Chapter Forty J of the General Laws of the Commonwealth, hereby adopts the Draft Minutes of the One Hundred Twenty Eighth Meeting of the Board of Directors, held on March 8, 2023, both in-person at the Massachusetts Technology Collaborative Westborough location and via Zoom videoconference, as the formal Minutes thereof.

Agenda Item II Report of the Mass Tech Collaborative Board Chairperson

Undersecretary Stanton stated that given the number of items on the agenda, she would cede the time otherwise used for the Board Chair's report to Ms. Kirk. She then asked Ms. Kirk for her report.

Agenda Item III Report of the Mass Tech Collaborative Executive Director

Ms. Kirk indicated that it has been a busy time at Mass Tech and that she had two major updates to report. First, Ms. Kirk indicated that Mass Tech's Chief Financial Officer ("CFO") Ms. Erlandson submitted her notice of retirement and would be leaving Mass Tech at the end of the year after 30 years of service. Ms. Kirk thanked Ms. Erlandson for all her work and indicated that finding a replacement CFO with Ms. Erlandson's skills would not be an easy task.

Second, Ms. Kirk stated that Mass Tech will be undergoing a strategic reorganization as a result of Mass Tech's recent designation as a Microelectronics Commons ("Commons") Hub by the Department of Defense ("DoD"). Ms. Kirk indicated that this designation was a great achievement for the Mass Tech team and could not have occurred without support from Secretary Hao and Undersecretary Stanton. Ms. Kirk explained that Mass Tech's proposal was one of only eight proposals accepted by the DoD, out of 83 total proposals submitted. Ms. Kirk then detailed the resulting relationship between the DoD and Mass Tech, which includes several layers, including the U.S. Navy's Crane Division and its contractor the National Security Technology Accelerator ("NSTXL"). Ms. Kirk explained that the contract detailing Mass Tech's Hub obligations was executed with NSTXL.

Under the NSTXL agreement, Ms. Kirk explained, Mass Tech's deliverables include Hub start-up activities, as well as nine workforce development programs and three start-up initiatives. In addition, being designated as a Commons Hub will allow Mass Tech's 95 Northeast Microelectronics Coalition members to compete for an additional approximately \$100 million in federal dollars through participation in project calls in different technology areas. The NSTXL agreement, Ms. Kirk stated, is for one year, however, Mass Tech will have the opportunity to enter into a further agreement with NSTXL following a successful first year.

Ms. Kirk indicated that in order to meet its obligations under the ME Commons award, Mass Tech has created a new sixth division called the Northeast Microelectronics Commons ("NEMC") Hub which will be staffed with current Mass Tech employees and will be headed by Mr. Ben Linville-Engler as Acting Hub Director. Mr. Linville-Engler then explained that as the Acting NEMC Hub Director, he will coordinate a 100-day launch plan. He indicated that initial staffing for the new Mass Tech division will consist of five FTEs, with the permanent NEMC Hub Director position being a strategic hire.

Ms. Kirk then turned the discussion over to Mr. Linville-Engler for an update on additional CHIPS and Science activities.

Agenda Item IV CHIPS and Science Update

Mr. Linville-Engler stated that Mass Tech is currently supporting CHIPS and Science

pursuits of more than \$2 billion in total project costs. This includes, Mr. Linville-Engler explained, manufacturing incentives and research and development incentives, as well as the recent “wins” of the Commons Hub designation and the CHIPS-funded National Telecommunications and Information Administration (“NTIA”) Public Wireless Supply Chain award to Northeastern University. Mr. Linville-Engler then provided an overview of the pending Economic Development Administration (“EDA”) Tech Hubs proposals from the Pioneer Valley Quantum Innovation Hub representing the Springfield Metropolitan Statistical Area (“MSA”) and the Building with Biology Hub representing the Worcester MSA. Mr. Linville-Engler closed his presentation by providing an update on Department of Commerce manufacturing incentives under which six Massachusetts companies received commitment letters from Mass Tech for incentive packages.

Mr. Linville-Engler then turned the discussion back to Ms. Kirk who asked Ms. Saubermann to introduce the next agenda item.

Agenda Item V Governance – Executive Committee Nomination (motion item)

Ms. Saubermann indicated that on September 18, 2023, the Mass Tech Personnel and Governance Committee voted to nominate Mr. Joe Dorant to serve on the Mass Tech Executive Committee to replace an Executive Committee member who recently resigned. Ms. Saubermann stated that, if approved, Mr. Dorant would join Ms. Chen, Ms. Cornell, Ms. Fetzer-Borelli, Ms. Reeve, and Mr. Vernescu on the Mass Tech Executive Board.

After a brief period of discussion and upon a motion duly made and seconded, it was VOTED by a roll call vote, with Mr. Dorant abstaining:

The Board of Directors of the Massachusetts Technology Park Corporation (“MassTech”), acting pursuant to Section 3 of Chapter 40J of the General Laws of the Commonwealth of Massachusetts and the relevant Articles of the By-Laws of MassTech, does hereby elect Joe Dorant as a Member of the Executive Committee as recommended by the Personnel and Governance Committee.

Agenda Item VI Innovation Institute – MassRobotics (motion item)

Mr. Larkin began the discussion by congratulating his fellow Mass Tech team members on the Commons Hub award. He then explained that Mass Tech received a \$5 million appropriation to support the robotics industry in Massachusetts and indicated that, in response, the Innovation Institute will be establishing a Robotics Department and implementing a Robotics Initiative within Mass Tech. To that end, Mr. Larkin stated that the Innovation Institute is seeking approval of an award of \$965,000 to MassRobotics in order to design and execute the following five robotics projects from September 2023 through December 2025: (1) Robotics Accelerator Program; (2) Startup Community Support; (3) Working Groups and Industry Support; (4) Ecosystem Promotion and Recruitment; and (5) Jumpstart Fellowship Program Expansion. Mr. Larkin explained that MassRobotics is the ideal partner to lead these efforts as it is the primary provider of dedicated robotics business development services in the Commonwealth.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize an award to MassRobotics in an amount not to exceed \$965,000 to support a robotics accelerator program, startup community support, working groups and industry support, ecosystem promotion and recruitment, and Jumpstart Fellowship program expansion, as presented. This award is to be funded from Item 1599-6090 of Chapter 268 of the Acts of 2022, and is subject to the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative’s Executive Director.

Following the vote, Mr. Larkin turned to Ms. Marszalek to present the next item from the Innovation Institute.

Agenda Item VII Innovation Institute – MetroNorth Workforce Development Board on behalf of the Northeast Advanced Manufacturing Consortium (motion item)

Ms. Marszalek stated that the Innovation Institute was seeking approval for \$426,839 to fund a pilot registered apprentice program to train robotics technicians proposed by the MassHire MetroNorth Workforce Development Board on behalf of the Northeast Advanced Manufacturing Consortium (“NAMC”). Mr. Marszalek explained that NAMC will create and implement a two year pilot cohort-based Robotics Technician Registered Apprenticeship between October 2023 and June 2026 that will support twenty apprentices. The apprentices will be employed full time by partner employers and receive 300 hours of related technical instruction. In the first year, explained Ms. Marszalek, approximately ten apprentices will participate in a nineteen week training program hosted by the Greater Lawrence Technical High School in which participants will attend classes two nights per week. Details of the second year of training will be determined during the planning phase of the grant.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize an award to the MassHire MetroNorth Workforce Development Board in an amount not to exceed \$426,839 for the design and implementation of a registered robotics technician apprenticeship in Massachusetts. This award is to be funded from Item 1599-6090 of Chapter 268 of the Acts of 2022 and Item 7002-0032 of Chapter 28 of the Acts of 2023, and is subject to the execution of a grant agreement in a form and with terms approved by Mass Tech Collaborative’s Executive Director.

Ms. Kirk then asked Mr. Petrozzelli to discuss the next agenda item.

Agenda Item VIII MassCyberCenter – CyberTrust Massachusetts Grant (motion item)

Mr. Petrozzelli stated that he was seeking approval of \$2,296,400 to support Year 2 of funding for CyberTrust Massachusetts, a non-profit organization established to provide governance

to Security Operations Center (“SOC”) and Cyber Range facilities located at colleges and universities across the Commonwealth. The requested amount, Mr. Petrozzelli stated, will allow CyberTrust to fund Managed Security Services Provider licenses, operating expenses, Cyber Range Services licenses, and to fund SOC student employees for the upcoming year. Mr. Petrozzelli explained that the benefits of established SOC and Cyber Range facilities include providing a supply of trained workers to meet the cybersecurity industry’s workforce demands as well as providing accessible cybersecurity services to municipalities.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Board of Directors of the Massachusetts Technology Park Corporation (“MassTech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize a grant award to CyberTrust Massachusetts, Inc., in an amount not to exceed \$2,296,400 for operating expenses, cyber range services license, managed security services provider licenses, and funds for SOC student employees, as presented, to be funded from Line Item 7002-1503 of the Commonwealth’s Fiscal Year 2023 Budget and Line Item 1599-2039 of Chapter 102 of the Acts of 2021. The grant award to CyberTrust Massachusetts is subject to the execution of a grant agreement in a form and with terms approved by MassTech Collaborative’s Executive Director.

Ms. Kirk then asked Mr. Baldino to present the next agenda item.

Agenda Item IX Mass Broadband Institute – Digital Equity Partnerships Program – Massachusetts League of Community Health Centers (motion item)

Mr. Baldino stated that the Mass Broadband Institute was seeking to provide a grant in the amount of \$3.75 million to the Massachusetts League of Community Health Centers to allow them to provide twelve Telehealth Navigators in Federally Qualified Health Centers (“FQHCs”) in Boston, Essex County, and Southeast Massachusetts, including on Tribal lands. Mr. Baldino explained that FQHCs serve communities that are disproportionately low income and non-English speaking. The Telehealth Navigators, Mr. Baldino explained, will provide an expanded set of telehealth access and training activities to ensure that residents relying on the FQHC system will have ongoing and high quality access to care and essential services via telecommunications, technology, and the internet. In addition, Mr. Baldino stated that Link Health, a partner of the Massachusetts League of Community Health Centers, will coordinate a multi-modal strategy to encourage enrollment in the FCC’s Affordable Connectivity Program. Mr. Baldino explained that the impact of the program will be measured and he would provide the Board with an update on the effect of the program when the metrics have been compiled.

After a period of discussion and upon a motion duly made and seconded, it was unanimously and without abstention VOTED by a roll call vote:

The Board of Directors of the Massachusetts Technology Park Corporation (“Mass Tech Collaborative”), acting pursuant to the authority delegated under Chapter 40J of the General Laws of the Commonwealth, does hereby authorize an award under

the Digital Equity Partnerships Program (RFP No. 2023-MBI-04) to Massachusetts League of Community Health Centers, as presented, in an amount not to exceed \$3,751,796.64, to be funded from American Rescue Plan Act (ARPA), State Fiscal Recovery Funds. The award is subject to the execution of a grant agreement in a form and with terms approved by MassTech Collaborative’s Executive Director.

Ms. Kirk then asked Ms. Benson to discuss the next agenda item.

Agenda Item X Mass eHealth Institute – Healthy Aging Sandbox Challenge Update

Ms. Benson began her update by discussing the process used to select the four recipients that will receive \$50,000 each for their proposed Healthy Aging Sandbox projects. Ms. Benson stated that the thorough review process included panel review of applications followed by in-person and prerecorded product pitches. This process resulted in grants to the following: (1) Brigham Digital Innovation Hub to support a clinical trial of an automated physical therapy platform; (2) MITRE to produce a paper on the impact of door through door companion transportation interventions; (3) New England Deaconess Association to conduct a pilot of an AI-powered digital health coach with residents in assisted and independent living facilities; and (4) UMass Chan Medical School to conduct a pilot study using machine learning models to confirm the feasibility of using the Artifcting process as a digital screening tool for mild cognitive impairment and dementia.

Following Ms. Benson’s update, Ms. Kirk thanked the Board for their participation and noted the next full Board meeting was scheduled for December 6, 2023. Before the meeting adjourned, Mr. Dorant noted that the Center for Advanced Manufacturing’s recent Mash-Up event at Polar Park was a great event and very well attended.

Having determined that there was no other business to discuss, Undersecretary Stanton adjourned the meeting at 11:31 a.m.

A TRUE COPY ATTEST: (Secretary)

DATE:

Materials and Exhibits Used at this Meeting:

1. Draft Minutes for the March 8, 2023, Meeting of the Mass Tech Board of Directors
2. Governance – Executive Committee Nomination (motion item)
3. Innovation Institute – MassRobotics (motion item)
4. Innovation Institute – MetroNorth Workforce Development Board on behalf of the Northeast Advanced Manufacturing Consortium (motion item)
5. MassCyberCenter – CyberTrust Massachusetts Grant (motion item)
6. Mass Broadband Institute – Digital Equity Partnerships Program – Massachusetts League of Community Health Centers (motion item)
7. Mass eHealth Institute – Healthy Aging Sandbox Challenge