

HOUSE No. 4572

Text of a further amendment (offered by Mr. Wagner of Chicopee) to the Senate amendment of the House Bill providing continued investments in the life sciences industry in the Commonwealth (House, No. 4501, amended). June 6, 2018.

The Commonwealth of Massachusetts

**In the One Hundred and Ninetieth General Court
(2017-2018)**

By striking out all after the enacting clause and inserting in place thereof the following:

1 SECTION 1. To provide for a program of economic development and job creation, the
2 sum set forth in section 2, for the several purposes and subject to the conditions specified in this
3 act, is hereby made available, subject to the laws regulating the disbursement of public funds;
4 provided, however, that the amounts specified in an item or for a particular project may be
5 adjusted in order to facilitate projects authorized in this act. This sum shall be in addition to any
6 amounts previously authorized and made available for these purposes.

7 SECTION 2.

8 EXECUTIVE OFFICE OF HOUSING AND ECONOMIC DEVELOPMENT

9 Massachusetts Life Sciences Center

10 7002-0015. For the Massachusetts Life Sciences Investment Fund established by section
11 6 of chapter 23I of the General Laws to achieve continued job growth through capital grants that
12 advance education, workforce development, including English as a Second Language training,

13 early-stage company growth through spaces dedicated to life sciences companies, advanced bio-
14 manufacturing and scientific innovation; provided, however, that not less than \$47,000,000 shall
15 be expended for design, construction, development and related infrastructure improvements,
16 including equipment, for an integrated biotechnology and precision manufacturing research and
17 training facility at the University of Massachusetts at Amherst to meet workforce demands
18 relative to the intersecting areas of medical devices, biotechnology and digital health in
19 collaboration with industry; provided, however, that said funds shall not be used for faculty
20 salaries; provided further, that not less than \$20,000,000 shall be expended for the design,
21 construction, development and related infrastructure improvements, including equipment, for a
22 center for nursing innovation to be constructed at the University of Massachusetts at Boston to
23 provide students and practitioners access to state-of-the art simulation labs and clinical training
24 and research spaces; provided, however, that said funds shall not be used for faculty salaries;
25 provided further, that not less than \$21,750,000 shall be expended for expansion and renovation
26 of the center for advanced biomanufacturing and digital health at the University of
27 Massachusetts at Dartmouth to support teaching and research in the areas of rapid prototyping
28 and micro-fabrication, including 2 digital health facilities in the areas of health data visualization
29 and bioinformatics and sequencing, as well as the renovation and expansion of laboratories to
30 enable increased enrollment; provided, however, that said funds shall not be used for faculty
31 salaries; provided further, that not less than \$50,000,000 shall be expended for the renovation
32 and related infrastructure improvements, including equipment, for a joint proposal between the
33 University of Massachusetts at Lowell and the University of Massachusetts Medical School in
34 Worcester to advance neuroscience-related workforce training, research, and commercialization
35 of devices and image-based diagnostics relative to neuro-imaging and neuro-informatics across

36 the commonwealth; provided, however, that said funds shall not be used for faculty salaries;
37 provided further, that not less than \$6,000,000 shall be expended for the development and related
38 infrastructure improvements, including equipment, for the center for data-driven discovery and
39 healthcare at the University of Massachusetts Medical School in Worcester to advance mobile
40 health and digital technologies through the creation of the Massachusetts living lab which shall
41 include a physical and virtual environment to support the implementation and development of
42 these goals through collaboration with industry partners, higher education institutions and
43 medical facilities; provided, however, that said funds shall not be used for faculty salaries;
44 provided further, that not less than \$5,000,000 shall be expended for the development of a
45 biomanufacturing platform by the University of Massachusetts Medical School in Worcester for
46 cell and gene therapies at the MassBiologics SouthCoast Facility located in the city of Fall River
47 to advance workforce training and innovative processes relative to cell and gene therapy
48 biomanufacturing; provided, however, that said funds shall not be used for faculty salaries;
49 provided further, that no funds shall be transferred from this item for capital projects until the
50 secretary of administration and finance certifies in writing to the board of the Massachusetts Life
51 Sciences Center established by section 3 of said chapter 23I of the General Laws and to the
52 house and senate committees on ways and means that all sources of funding for that phase of the
53 project have been committed and are available as necessary for commencement of said capital
54 projects; provided further, that said written certification shall include copies of all business plans,
55 letters of financial commitment and other documentation as said secretary and said board deem
56 necessary to certify that all other sources of funding have been secured and provided further, that
57 funds appropriated for the design, construction, and related infrastructure improvements at the
58 University of Massachusetts Medical School in Worcester, University of Massachusetts at

59 Amherst, University of Massachusetts at Boston, University of Massachusetts at Lowell, and
60 University of Massachusetts at Dartmouth shall be transferred to the University of Massachusetts
61 Building Authority for these capital projects; provided, further, that not less than \$3,220,000
62 shall be expended for the design, construction, development and related infrastructure
63 improvements, including equipment, for a Center for Innovation, Engineering and Energy at the
64 Massachusetts Maritime Academy to address workforce skills gaps in the areas of biotechnology
65 and life sciences; energy, including green energy; and secondary education in STEM areas;
66 provided, however, that said funds shall not be used for faculty salaries; provided, further, that
67 not less than \$10,000,000 shall be expended for construction, renovations and infrastructure
68 improvements to support the Imaging Innovation Initiative for the Marine Biological Laboratory
69 located in Woods Hole in the town of Falmouth; provided, further, that not less than \$5,000,000
70 shall be expended for grants to promote regionally-based efforts to increase life sciences,
71 advanced bio-manufacturing and scientific innovation throughout the commonwealth that shall
72 be distributed in collaboration with regional economic development organizations, as provided
73 for in section 3K of chapter 23A of the General Laws, and ensure that grants shall be based on
74 regional and employer needs and include a public and private partnership; provided further, that
75 not less than \$10,000,000 shall be expended for grants to community colleges established by
76 section 5 of chapter 15A of the General Laws or vocational technical schools, as defined in
77 section 2 of said chapter 23I, that collaborate with the center and at least 1 advanced bio-
78 manufacturing or life science company to address regional workforce demands and increase
79 regional employment opportunities in the areas of biotechnology and life sciences through a
80 technical education program, workforce development education and training program or an
81 apprenticeship program; provided, further, that funds shall be expended annually for capital

82 grants related to diversity in the fields of life sciences and biotechnology in the commonwealth,
83 which shall include but not be limited to investments in minority-owned businesses, grants to
84 school districts and community colleges with significant minority populations, and the planning
85 and implementation of strategies to increase diversity in the workforce in the fields of life
86 sciences and biotechnology; and provided further, that the department shall issue an annual
87 report to the house and senate committees on ways and means not later than February 1 on the
88 total funds expended and the number and type of grants awarded: (i) to minority-owned
89 businesses; (ii) to school districts with significant minority student populations; (iii) to
90 University of Massachusetts colleges and private colleges and universities, broken down by
91 school; (iv) to community colleges, broken down by school; (v) for existing or new initiatives to
92 increase workforce diversity in the fields of life sciences and biotechnology.....\$472,970,000

93 SECTION 3. To meet the expenditures necessary in carrying out section 2, the state
94 treasurer shall, upon receipt of a request by the governor, issue and sell bonds of the
95 commonwealth in an amount to be specified by the governor from time to time, but not
96 exceeding, in the aggregate, \$472,970,000. All bonds issued by the commonwealth, as aforesaid,
97 shall be designated on their face, Life Sciences Center Capital Improvement Loan Act of 2018,
98 and shall be issued for a maximum term of years, not exceeding 30 years, as recommended by
99 the governor in a message to the general court dated June 19, 2017, under Section 3 of Article
100 LXII of the Amendments to the Constitution; provided, however that all such bonds shall be
101 payable not later than June 30, 2053. All interest and payments on account of principal on such
102 obligations shall be payable from the General Fund. Bonds and interest thereon issued under the
103 authority of this section shall, notwithstanding any other provisions of this act, be general
104 obligations of the commonwealth.

105 SECTION 4. Section 5 of chapter 23I of the General Laws, as appearing in the 2016
106 Official Edition, is hereby amended by striking out, in line 92, the figure “\$25,000,000” and
107 inserting in place thereof the following figure:- \$30,000,000.

108 SECTION 5. Section 6 of said chapter 23I, as so appearing, is hereby amended by
109 striking out, in lines 68 to 69, the words “fellowships, co-ops, internships” and inserting in place
110 thereof the following words:- fellowships, co-ops, high school internships, for which additional
111 consideration shall be given to minority students at schools where at least 80 per cent of the
112 student population is eligible for free or reduced lunch, college internships, for which additional
113 consideration shall be given to minority students enrolled full-time or part-time at a community
114 college.

115 SECTION 6. Said section 6 of said chapter 23I, as so appearing, is hereby further
116 amended by inserting after the word “herein”, in line 75, the following words:- ; provided
117 further, that the center shall file an annual report, not later than December 1, with the house and
118 senate committees on ways and means detailing the following: (i) the total funds expended on
119 high school internships; (ii) the total funds expended on college internships; (iii) the number of
120 students participating in the internship programs from each high school, school district, college
121 and university in the commonwealth; (iv) the percentage of high school internships awarded to
122 minority students attending schools where at least 80 per cent of the student population is
123 eligible for free or reduced lunch; (v) the percentage of college internships awarded to minority
124 students enrolled full-time or part-time at a community college; (vi) the racial and ethnic
125 composition of the high school and college internship programs; and (vii) an analysis of the
126 impact of the college internship program on the ability of its participants to enter the full-time
127 job market in the life science industries after graduation.

128 SECTION 7. Section 6 of chapter 62 of the General Laws, as so appearing, is hereby
129 amended by striking out, in line 940, the figure “\$25,000,000” and inserting in place thereof the
130 following figure:- \$30,000,000.

131 SECTION 8. Section 38CC of chapter 63 of the General Laws, as so appearing, is
132 hereby amended by striking out, in line 20, the figure “\$25,000,000” and inserting in place
133 thereof the following figure:- \$30,000,000.

134 SECTION 9. Chapter 130 of the acts of 2008 is hereby amended by striking out section
135 49 and inserting in place thereof the following section:-

136 SECTION 49. The value of any tax incentive award under the life sciences tax incentive
137 program established in subsection (d) of section 5 of chapter 23I of the General Laws, which
138 extends beyond December 31, 2028, including carry-forwards of losses or credits, shall be taken
139 into account during the year awarded and the full amount of such tax benefits potentially realized
140 in periods after December 31, 2028 shall be counted against the annual ceilings for years ending
141 prior to January 1, 2029. Tax incentives authorized pursuant to the life sciences tax incentive
142 program shall count toward the \$30,000,000 annual ceiling only if they are not otherwise
143 available to a taxpayer.

144 SECTION 10. Section 54 of said chapter 130, as most recently amended by section 57 of
145 chapter 46 of the acts of 2013, is hereby further amended by striking out the figure “2018” and
146 inserting in place thereof the following figure:- 2028.

147 SECTION 11. To provide for the continued availability of a bond-funded spending
148 authorization that otherwise would expire, the balance of item 7002-0015 and any allocations

149 thereof shall be extended to June 30, 2023 for the purposes of, and subject to, the conditions
150 stated for the item in the original authorization, as amended to date.

151 SECTION 12. Sections 4, 7, 8 and 9 shall take effect on January 1, 2019.