

By: Capriglione

H.B. No. 4751

A BILL TO BE ENTITLED

AN ACT

relating to the establishment and administration of the Texas Quantum Initiative.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Chapter 481, Government Code, is amended by adding Subchapter HH to read as follows:

SUBCHAPTER HH. TEXAS QUANTUM INITIATIVE

Sec. 481.681. DEFINITIONS. In this subchapter:

(1) "Executive committee" means the executive committee of the initiative.

(2) "Initiative" means the Texas Quantum Initiative.

(3) "Institution of higher education" has the meaning assigned by Section 61.003, Education Code.

Sec. 481.682. ESTABLISHMENT; PURPOSES. (a) The Texas Quantum Initiative is established to:

(1) establish and advance this state's position as a national leader in the quantum industry; and

(2) accelerate the integration of quantum computing, networking, and sensing technology into the economy of this state.

(b) The purposes of the initiative are to:

(1) leverage the expertise and capacity of regulatory stakeholders and institutions of higher education and industry to develop a comprehensive strategic plan to ensure the development of quantum technologies in this state;

1 (2) identify obstacles and provide recommendations to
2 the governor and legislature regarding quantum economic
3 opportunities and technologies;

4 (3) provide strategic leadership with respect to
5 quantum initiatives;

6 (4) identify and expand opportunities for workforce
7 training and development related to the research, design, and
8 manufacturing of quantum computing technology;

9 (5) support existing quantum computing and networking
10 industries in this state;

11 (6) attract new quantum computing and networking
12 projects and partners to this state;

13 (7) support the development of a quantum manufacturing
14 supply chain in this state; and

15 (8) develop a comprehensive strategic plan for the
16 state to ensure ongoing quantum leadership, prioritizing
17 commercial and practical utility, through investments in the
18 necessary foundational infrastructure, including quantum systems
19 and networking equipment, jobs and workforce, and real property.

20 Sec. 481.683. ADMINISTRATIVE ATTACHMENT. (a) The
21 initiative is administratively attached to the office of the
22 governor.

23 (b) The office of the governor shall provide the staff and
24 facilities necessary to assist the initiative in performing the
25 initiative's duties under this subchapter.

26 Sec. 481.684. EXECUTIVE COMMITTEE COMPOSITION. (a) The
27 initiative is governed by an executive committee composed of the

following members:

(1) three members appointed by the governor;

(2) two members appointed by the lieutenant governor;

and

(3) two members appointed by the speaker of the house of representatives.

(b) In making appointments under Subsection (a), priority shall be given to individuals from the quantum design and manufacturing sectors.

(c) In making appointments under Subsection (a), the governor, the lieutenant governor, and the speaker of the house of representatives shall coordinate to ensure that the members of the executive committee include:

(1) at least one representative from a quantum infrastructure provider who has demonstrated experience in:

(A) implementing quantum networks in similar settings; and

(B) deploying leading edge quantum computing systems in third-party data centers; and

(2) at least one representative of a manufacturer of a quantum computing system with the ability to enable the creation and deployment of quantum solutions with commercial and practical use.

(d) An executive committee member serves a two-year term. An executive committee member may be reappointed for additional terms.

(e) A vacancy on the executive committee shall be filled by

1 appointment. The authority that appointed the former member of the
2 vacant position shall appoint a new member to the vacant position.

3 (f) Initial executive committee appointments shall be made
4 by October 1, 2025. This subsection expires December 31, 2025.

5 Sec. 481.685. EXECUTIVE DIRECTOR. (a) The executive
6 committee shall hire an executive director. The executive director
7 shall perform the duties required by this subchapter and any duty
8 delegated by the committee.

9 (b) The executive director must have demonstrated an
10 ability to lead and develop academic, commercial, or governmental
11 partnerships and coalitions.

12 (c) The executive director may hire staff as necessary to
13 implement the duties of the initiative under this subchapter.

14 Sec. 481.686. DUTIES OF EXECUTIVE COMMITTEE. The executive
15 committee shall:

16 (1) develop and execute a comprehensive statewide
17 strategic plan to further the purposes of the initiative under
18 Section 481.682;

19 (2) solicit recommendations from institutions of
20 higher education, initiative members, and stakeholders on funding
21 and research opportunities related to quantum education and
22 research, design, commercialization, community outreach, and
23 manufacturing projects;

24 (3) appoint and determine the salary for an executive
25 director as hired under Section 481.685;

26 (4) administer funds, including any funds
27 appropriated by the legislature or available under Section 481.689,

1 to support quantum design and manufacturing, capital projects,
2 supply chain development, and other initiatives; and

3 (5) prepare and submit the report required by Section
4 481.688.

5 Sec. 481.687. STRATEGIC PLAN. (a) The executive committee
6 shall develop a strategic plan for the promotion of the quantum
7 economy in this state. The plan must include:

8 (1) a list of potential projects that further the
9 goals of the initiative;

10 (2) a list of federal grant opportunities that are
11 related to quantum technology and for which institutions in this
12 state are eligible to apply;

13 (3) an assessment of the availability of external
14 funding sources for each project identified under Subdivision (1);
15 and

16 (4) any other information the executive committee
17 determines is relevant to further the initiative's goals.

18 (b) The executive committee shall submit the strategic plan
19 required by this section not later than December 31 of each year to
20 the governor, the lieutenant governor, and the speaker of the house
21 of representatives.

22 Sec. 481.688. BIENNIAL REPORT. Not later than December 1 of
23 each even-numbered year, the executive committee shall prepare and
24 submit to the governor and the Legislative Budget Board a written
25 report that outlines:

26 (1) activities undertaken to meet the purposes of the
27 initiative under Section 481.682;

1 (2) a summary of the funding and research
2 opportunities identified by the executive committee;

3 (3) any legislative recommendations to further the
4 purposes of the initiative;

5 (4) any prospective grants or funding the initiative
6 members expect to apply for or receive; and

7 (5) any research accomplishments associated with the
8 initiative.

9 Sec. 481.689. QUANTUM UNIVERSITY AND BUSINESS INNOVATION
10 FOR TEXAS FUND. (a) In this section, "fund" means the Quantum
11 University and Business Innovation for Texas Fund created by this
12 section.

13 (b) The Quantum University and Business Innovation for
14 Texas Fund is created as a dedicated account within the general
15 revenue fund. The fund consists of:

16 (1) gifts, grants, or donations to the fund; and

17 (2) money from any other source designated by the
18 legislature.

19 (c) Money in the fund may be used to:

20 (1) provide matching funding to state entities,
21 including institutions of higher education, for quantum
22 manufacturing and design projects;

23 (2) award grants to business entities to encourage
24 economic development related to quantum manufacturing and design
25 projects; and

26 (3) subject to Subsection (d), pay for staff support
27 services described by Section 481.685(c).

1 (d) The executive committee shall request approval from the
2 Legislative Budget Board to use money in the fund for the purpose
3 described by Subsection (c)(3). A request under this subsection is
4 considered approved on the 30th day after receipt by the
5 Legislative Budget Board unless expressly denied.

6 SECTION 2. This Act takes effect September 1, 2025.