

(Pub. L. 109–58, title X, §1002, Aug. 8, 2005, 119 Stat. 927.)

#### Editorial Notes

##### CODIFICATION

In subsec. (e)(3)(C), “section 1303(a)(1) of title 41” substituted for “section 25(c)(1) of the Office of Federal Procurement Policy Act (41 U.S.C. 421(c)(1))” on authority of Pub. L. 111–350, §6(c), Jan. 4, 2011, 124 Stat. 3854, which Act enacted Title 41, Public Contracts.

### § 16393. Small business advocacy and assistance

#### (a) Small business advocate

The Secretary shall require the Director of each National Laboratory, and may require the Director of a single-purpose research facility, to designate a small business advocate to—

- (1) increase the participation of small business concerns, including socially and economically disadvantaged small business concerns (as defined in section 637(a)(4) of title 15), in procurement, collaborative research, technology licensing, and technology transfer activities conducted by the National Laboratory or single-purpose research facility;
- (2) report to the Director of the National Laboratory or single-purpose research facility on the actual participation of small business concerns in procurement and collaborative research along with recommendations, if appropriate, on how to improve participation;
- (3) make available to small business concerns training, mentoring, and information on how to participate in procurement and collaborative research activities;
- (4) increase the awareness inside the National Laboratory or single-purpose research facility of the capabilities and opportunities presented by small business concerns; and
- (5) establish guidelines for the program under subsection (b) and report on the effectiveness of the program to the Director of the National Laboratory or single-purpose research facility.

#### (b) Establishment of small business assistance program

The Secretary shall require the Director of each National Laboratory, and may require the Director of a single-purpose research facility, to establish a program to provide small business concerns with—

- (1) assistance directed at making the small business concerns more effective and efficient subcontractors or suppliers to the National Laboratory or single-purpose research facilities; or
- (2) general technical assistance, the cost of which shall not exceed \$10,000 per instance of assistance, to improve the products or services of the small business concern.

#### (c) Use of funds

None of the funds expended under subsection (b) may be used for direct grants to small business concerns.

#### (d) Authorization of appropriations

There is authorized to be appropriated to the Secretary for activities under this section \$5,000,000 for each of fiscal years 2006 through 2008.

(Pub. L. 109–58, title X, §1003, Aug. 8, 2005, 119 Stat. 929.)

### § 16394. Outreach

The Secretary shall ensure that each program authorized by this Act or an amendment made by this Act includes an outreach component to provide information, as appropriate, to manufacturers, consumers, engineers, architects, builders, energy service companies, institutions of higher education, facility planners and managers, State and local governments, and other entities.

(Pub. L. 109–58, title X, §1004, Aug. 8, 2005, 119 Stat. 930.)

#### Editorial Notes

##### REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 109–58, Aug. 8, 2005, 119 Stat. 594, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 15801 of this title and Tables.

### § 16395. Relationship to other laws

Except as otherwise provided in this Act or an amendment made by this Act, the Secretary shall carry out the research, development, demonstration, and commercial application programs, projects, and activities authorized by this Act or an amendment made by this Act in accordance with the applicable provisions of—

- (1) the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.);
- (2) the Federal Nonnuclear Energy Research and Development Act of 1974 (42 U.S.C. 5901 et seq.);
- (3) the Energy Policy Act of 1992 (42 U.S.C. 13201 et seq.);
- (4) the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.);
- (5) chapter 18 of title 35 (commonly known as the “Bayh-Dole Act”); and
- (6) any other Act under which the Secretary is authorized to carry out the programs, projects, and activities.

(Pub. L. 109–58, title X, §1005, Aug. 8, 2005, 119 Stat. 930.)

#### Editorial Notes

##### REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 109–58, Aug. 8, 2005, 119 Stat. 594, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 15801 of this title and Tables.

The Atomic Energy Act of 1954, referred to in par. (1), is act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, §1, 68 Stat. 919, which is classified principally to chapter 23 (§2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

The Federal Nonnuclear Energy Research and Development Act of 1974, referred to in par. (2), is Pub. L. 93–577, Dec. 31, 1974, 88 Stat. 1878, which is classified generally to chapter 74 (§5901 et seq.) of this title. For

complete classification of this Act to the Code, see Short Title note set out under section 5901 of this title and Tables.

The Energy Policy Act of 1992, referred to in par. (3), is Pub. L. 102-486, Oct. 24, 1992, 106 Stat. 2776. For complete classification of this Act to the Code, see Short Title note set out under section 13201 of this title and Tables.

The Stevenson-Wydler Technology Innovation Act of 1980, referred to in par. (4), is Pub. L. 96-480, Oct. 21, 1980, 94 Stat. 2311, which is classified generally to chapter 63 (§3701 et seq.) of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 3701 of Title 15 and Tables.

**§ 16396. Prizes for achievement in grand challenges of science and technology**

**(a) Authority**

The Secretary may carry out a program to award cash prizes in recognition of breakthrough achievements in research, development, demonstration, and commercial application that have the potential for application to the performance of the mission of the Department.

**(b) Competition requirements**

The program under subsection (a) may include prizes for the achievement of goals articulated by the Secretary in a specific area through a widely advertised solicitation of submission of results for research, development, demonstration, or commercial application projects.

**(c) Prizes for processes and technologies to reduce dependence on imported oil**

The Secretary, in cooperation with the Freedom Prize Foundation, shall support a program of awarding prizes, to be known as Freedom Prizes, to encourage and recognize the development and deployment of processes and technologies that serve to reduce the dependence of the United States on imported oil.

**(d) Relationship to other authority**

The program under subsection (a) may be carried out in conjunction with or in addition to the exercise of any other authority of the Secretary to acquire, support, or stimulate research, development, demonstration, or commercial application projects.

**(e) Coordination**

In carrying out subsection (a), and for any prize competitions under section 105 of the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Reauthorization Act of 2010, the Secretary shall—

- (1) issue Department-wide guidance on the design, development, and implementation of prize competitions;
- (2) collect and disseminate best practices on the design and administration of prize competitions;
- (3) streamline contracting mechanisms for the implementation of prize competitions; and
- (4) provide training and prize competition design support, as necessary, to Department staff to develop prize competitions and challenges.

**(f) Authorization of appropriations**

There are authorized to be appropriated—

(1) \$10,000,000 to carry out the program under subsection (a); and

(2) \$5,000,000 to carry out the program under subsection (c).

**(g) H-prize**

**(1) Prize authority**

**(A) In general**

As part of the program under this section, the Secretary shall carry out a program to competitively award cash prizes in conformity with this subsection to advance the research, development, demonstration, and commercial application of hydrogen energy technologies.

**(B) Advertising and solicitation of competitors**

**(i) Advertising**

The Secretary shall widely advertise prize competitions under this subsection to encourage broad participation, including by individuals, universities (including historically Black colleges and universities and other minority serving institutions), and large and small businesses (including businesses owned or controlled by socially and economically disadvantaged persons).

**(ii) Announcement through Federal Register notice**

The Secretary shall announce each prize competition under this subsection by publishing a notice in the Federal Register. This notice shall include essential elements of the competition such as the subject of the competition, the duration of the competition, the eligibility requirements for participation in the competition, the process for participants to register for the competition, the amount of the prize, and the criteria for awarding the prize.

**(C) Administering the competitions**

The Secretary shall enter into an agreement with a private, nonprofit entity to administer the prize competitions under this subsection, subject to the provisions of this subsection (in this subsection referred to as the “administering entity”). The duties of the administering entity under the agreement shall include—

- (i) advertising prize competitions under this subsection and their results;
- (ii) raising funds from private entities and individuals to pay for administrative costs and to contribute to cash prizes, including funds provided in exchange for the right to name a prize awarded under this subsection;
- (iii) developing, in consultation with and subject to the final approval of the Secretary, the criteria for selecting winners in prize competitions under this subsection, based on goals provided by the Secretary;
- (iv) determining, in consultation with the Secretary, the appropriate amount and funding sources for each prize to be award-