

a program to expedite the use, in goods and services acquired by the General Services Administration, of advanced materials technologies. Such program shall include a demonstration of the use of advanced materials technologies as may be necessary to establish technical and economic feasibility. The Secretary shall transfer funds to the General Services Administration for carrying out this subsection.

**(e) Authorization of appropriations**

There are authorized to be appropriated to the Secretary for carrying out this section such sums as may be necessary, to be derived for energy efficient applications from section 13451(e) of this title and for renewable applications from section 13471(c) of this title, including Department of Energy national laboratory participation in proposals submitted under subsection (c), and including transferring funds to the General Services Administration.

(Pub. L. 102-486, title XXII, §2201, Oct. 24, 1992, 106 Stat. 3085.)

**Statutory Notes and Related Subsidiaries**

TERMINATION OF REPORTING REQUIREMENTS

For termination, effective May 15, 2000, of provisions in subsec. (b) of this section relating to the biennial resubmittal of the program plan to Congress, see section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and the 1st item on page 86 of House Document No. 103-7.

**§ 13502. National Advanced Manufacturing Technologies Program**

**(a) Program direction**

The Secretary shall establish a 5-year National Advanced Manufacturing Technologies Program, in accordance with sections 13541 and 13542 of this title. Such program shall foster the commercialization of advanced manufacturing technologies to improve energy efficiency and productivity in manufacturing. At a minimum, the Program shall expedite the private sector deployment of advanced manufacturing technologies to improve productivity, quality, and control in manufacturing processes that can foster economic growth, energy efficiency, and competitiveness. The program<sup>1</sup> shall include field demonstrations of sufficient scale and number to prove technical and economic feasibility.

**(b) Program plan**

Within 180 days after October 24, 1992, the Secretary, in consultation with appropriate representatives of industry, institutions of higher education, Department of Energy national laboratories, and professional and technical societies, shall prepare and submit to the Congress a 5-year program plan to guide activities under this section. The Secretary shall biennially update and resubmit the program plan to Congress.

**(c) Proposals**

**(1) Solicitation**

Within 1 year after October 24, 1992, the Secretary shall solicit proposals for conducting

activities consistent with the 5-year program plan. Such proposals may be submitted by one or more parties.

**(2) Contents of proposals**

Proposals submitted under this subsection shall include—

(A) an explanation of how the proposal will expedite the commercialization of advanced manufacturing technologies to improve energy efficiency in the building, industry, and transportation sectors;

(B) evidence of consideration of whether the unique capabilities of Department of Energy national laboratories warrants collaboration with such laboratories, and the extent of such collaboration proposed;

(C) a description of the extent to which the proposal includes collaboration with relevant industry or other groups or organizations; and

(D) evidence of the ability of the proposers to undertake and complete the proposed project.

**(d) Authorization of appropriations**

There are authorized to be appropriated to the Secretary for carrying out this section such sums as may be necessary, to be derived from sums authorized under section 13451(e) of this title, including Department of Energy national laboratory participation in proposals submitted under subsection (c).

(Pub. L. 102-486, title XXII, §2202, Oct. 24, 1992, 106 Stat. 3086.)

**Statutory Notes and Related Subsidiaries**

TERMINATION OF REPORTING REQUIREMENTS

For termination, effective May 15, 2000, of provisions in subsec. (b) of this section relating to the biennial resubmittal of the program plan to Congress, see section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and the 2nd item on page 86 of House Document No. 103-7.

**§ 13503. Supporting research and technical analysis**

**(a) Basic energy sciences**

**(1) Program direction**

The Secretary shall continue to support a vigorous program of basic energy sciences to provide basic research support for the development of energy technologies. Such program shall focus on the efficient production and use of energy, and the expansion of our knowledge of materials, chemistry, geology, and other related areas of advancing technology development.

**(2) User facilities**

(A) As part of the program referred to in paragraph (1), the Secretary shall carry out planning, construction, and operation of user facilities to provide special scientific and research capabilities, including technical expertise and support as appropriate, to serve the research needs of our Nation's universities, industry, private laboratories, Federal laboratories, and others. Research institutions or individuals from other nations shall be accom-

<sup>1</sup> So in original. Probably should be capitalized.