

## REPORT ON HIGH TECHNOLOGY LABOR MARKET NEEDS

Pub. L. 105-277, div. C, title IV, §418(a), Oct. 21, 1998, 112 Stat. 2681-656, required the Director of the National Science Foundation to conduct a multifaceted study, in a manner that ensured the participation of individuals representing a variety of points of view, to assess labor market needs for workers with high technology skills during the next 10 years, and to submit to Congress a report containing the results of the study by Oct. 1, 2000.

## TWENTY-FIRST CENTURY WORKFORCE COMMISSION

Pub. L. 105-220, title III, subtitle C, Aug. 7, 1998, 112 Stat. 1087, as amended by Pub. L. 105-277, div. A, §101(f) [title VIII, §401(15)], Oct. 21, 1998, 112 Stat. 2681-337, 2681-412, known as the “Twenty-First Century Workforce Commission Act”, which established the Commission to study all matters relating to the information technology workforce in the United States, including skills necessary to enter the information technology workforce, ways to expand the number of skilled information technology workers, and the relative efficacy of programs in the United States and foreign countries to train information technology workers, and to submit a report to the President and Congress of its findings, conclusions, and recommendations for legislative and administrative actions, and provided for powers of the Commission, compensation of members, employment of staff, authorization of appropriations, and termination of the Commission 90 days after submission of its final report, which was released June 27, 2000, was repealed by Pub. L. 113-128, title V, §511(a), July 22, 2014, 128 Stat. 1705, effective July 1, 2015.

## § 2702. Purposes

The purposes of this chapter are to—

(1) improve the ability of workers and worker organizations to recognize, develop, assess, and improve strategies for successfully integrating workers and worker organizations into the process of evaluating, selecting, and implementing advanced workplace technologies, and advanced workplace practices in a manner that creates and maintains stable well-paying jobs for workers; and

(2) assist workers and worker organizations in developing the expertise necessary for effective participation with employers in the development of strategies and programs for the successful evaluation, selection, and implementation of advanced workplace technologies and advanced workplace practices through the provision of a range of education, training, and related services.

(Pub. L. 103-382, title V, §543, Oct. 20, 1994, 108 Stat. 4052.)

## § 2703. Definitions

As used in this chapter:

## (1) Advanced workplace practices

The term “advanced workplace practices” means innovations in work organization and performance, including high-performance workplace systems, flexible production techniques, quality programs, continuous improvement, concurrent engineering, close relationships between suppliers and customers, widely diffused decisionmaking and work teams, and effective integration of production technology, worker skills and training, and workplace organization, and such other characteristics as determined appropriate by the Secretary of

Labor, in consultation with the Secretary of Commerce.

## (2) Advanced workplace technologies

The term “advanced workplace technologies” includes—

(A) numerically controlled machine tools, robots, automated process control equipment, computerized flexible manufacturing systems, associated computer software, and other technology for improving the manufacturing and industrial production of goods and commercial services, which advance the state-of-the-art; or

(B) novel industrial and commercial techniques and processes not previously generally available that improve quality, productivity, and practices, including engineering design, quality assurance, concurrent engineering, continuous process production technology, inventory management, upgraded worker skills, communications with customers and suppliers, and promotion of sustainable economic growth.

## (3) Department

The term “Department” means the Department of Labor.

## (4) Nonprofit organization

The term “nonprofit organization” means a tax-exempt organization, as described in paragraph (3), (4), or (5) of section 501(c) of title 26.

## (5) Secretary

The term “Secretary” means the Secretary of Labor.

## (6) Worker organization

The term “worker organization” means a labor organization within the meaning of section 501(c)(5) of title 26.

(Pub. L. 103-382, title V, §544, Oct. 20, 1994, 108 Stat. 4053.)

## § 2704. Grants

## (a) In general

The Secretary of Labor, after consultation with the Secretary of Commerce, shall, to the extent appropriations are available, award grants to eligible entities to carry out the purposes described in section 2702 of this title.

## (b) Eligibility

To be eligible to receive a grant under this section, an entity shall—

(1) be a nonprofit organization, or a partnership consortium of such organizations;

(2) prepare and submit to the Secretary an application at such time, in such manner, and containing such information as the Secretary may require, including a description of the activities that the entity will carry out using amounts received under the grant; and

(3) agree to make available (directly or through donations from public or private entities) non-Federal contributions toward the costs of the activities to be conducted with grant funds, in an amount equal to the amount required under subsection (d).

## (c) Use of amounts

An entity shall use amounts received under a grant awarded under this section to carry out