

**CHAPTER 8****DISBURSEMENT OF FUNDS FOR TECHNICAL AND ENGINEERING FACILITIES AND EQUIPMENT UNDER THE JOBS, SCIENCE AND TECHNOLOGY BOND ACT OF 1984, P.L. 1984, c.99****Authority**

P.L. 1984, c.99.

**Source and Effective Date**

R.1990 d.547, effective October 15, 1990.  
See: 22 N.J.R. 2256(a), 22 N.J.R. 3371(b).

**Executive Order No. 66(1978) Expiration Date**

Chapter 8, Disbursement of Funds for Technical and Engineering Facilities and Equipment Under the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99, expires on October 15, 1995.

**Chapter Historical Note**

Chapter 8, Disbursement of Funds for Technical and Engineering Facilities and Equipment Under the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99, was filed and became effective November 4, 1985, as R.1985 d.566. See: 17 N.J.R. 1516(a), 17 N.J.R. 2646(a). Pursuant to Executive Order No. 66(1978), Chapter 8 was readopted as R.1990 d.547. See: Source and Effective Date.

See section annotations for specific rulemaking activity.

**CHAPTER TABLE OF CONTENTS****SUBCHAPTER 1. FUNDS FOR UNDERGRADUATE TECHNICAL AND ENGINEERING RELATED FACILITIES AND EQUIPMENT AND FOR HIGH TECHNOLOGY JOB TRAINING AND RETRAINING PROGRAMS**

- 9:8-1.1 Objectives
- 9:8-1.2 Use of funds
- 9:8-1.3 Eligibility
- 9:8-1.4 Review process

**SUBCHAPTER 2. FUNDS FOR CAPITAL CONSTRUCTION**

- 9:8-2.1 Objectives
- 9:8-2.2 Use of funds
- 9:8-2.3 Eligibility
- 9:8-2.4 Review process

**SUBCHAPTER 1. FUNDS FOR UNDERGRADUATE TECHNICAL AND ENGINEERING RELATED FACILITIES AND EQUIPMENT AND FOR HIGH TECHNOLOGY JOB TRAINING AND RETRAINING PROGRAMS****9:8-1.1 Objectives**

The primary goal of the instructional portion of the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99,

is improved education of undergraduate students in science and technology, through the construction and upgrading of undergraduate science and technical/engineering related facilities and equipment.

**9:8-1.2 Use of funds**

(a) Funds shall be used for construction of major new buildings, or to support major laboratory renovation or for construction of small additions to science and technology/engineering buildings, along with the initial equipping or re-equipping of such new or renovated facilities. In addition, funds may be used for the purchase of large scale equipment that does not require facilities construction or renovation but that has extended useful life and significant educational impact.

(b) Only projects which support undergraduate science or technical/engineering programs and coursework directed toward job training and retraining (occupational and professionally oriented programs) will be funded.

(c) The intent is to fund a limited number of projects of significant scope and impact. Only projects involving major capital expenditures and with an extended useful life expectancy will be funded.

**9:8-1.3 Eligibility**

(a) Only New Jersey institutions of higher education are eligible to receive funds.

(b) Priority will be given to institutions not receiving major institutional support under other provisions of the Bond Act.

**9:8-1.4 Review process**

(a) The review procedures will consist of two stages: first, a competitive request for proposals process to determine educational viability; and, second, the Board of Higher Education's existing Facilities Planning Standards and Approval Procedures, N.J.A.C. 9:3.

(b) The initial stage will be a competitive process whereby institutions shall submit proposals in accordance with procedures specified in a Departmental request for proposals. The primary focus of this stage will be the educational value of the proposed project. Institutions will also be asked to provide basic information regarding the nature and cost of any construction and equipment required by the project.

(c) The review will be conducted by the Department with the assistance of external consultants.

(d) Proposals will be reviewed in accordance with the following criteria:

1. The overall consistency of the proposed project's objectives with the objectives of the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99;

2. The consistency of the proposed project with institutional mission;

3. The quality of the idea and importance of the project with respect to education and economic development;

4. Clarity and attainability of the objectives;

5. The extent to which equipment to be purchased represents the state of the art;

6. Appropriateness of the academic qualifications of key personnel and their proposed roles in the projects;

7. Appropriateness of the budget request;

8. The extent of institutional commitment of resources (both capital and operating);

9. The extent to which the institutions establish appropriate linkages with other higher education institutions and/or with industry;

10. The type and number of jobs available for which students would be educated;

11. Reasonableness of the construction cost estimates;

12. Feasibility of construction.

(e) Priority will be given to projects in those areas identified by the Governor's Commission on Science and Technology for present and future development.

(f) Priority will be given to projects that have regional and statewide economic development impact and which are consortial in nature. Projects which involve institutions from various sectors are encouraged.

(g) Projects that are judged to be superior by external consultants will be brought to the Board of Higher Education for approval. Those projects approved by the Board will be advanced to the second stage. If a project involves a new degree program and/or a new branch campus, Board approval for the degree program and/or the branch campus, where required, must be obtained before the project will be advanced to the second stage.

(h) The second stage of the review process will consist of the Board's established Facilities Planning Standards and Approval Procedures, N.J.A.C. 9:3, which shall be used in the review of proposals from both the public and independent sectors.

## SUBCHAPTER 2. FUNDS FOR CAPITAL CONSTRUCTION

### 9:8-2.1 Objectives

(a) The primary goal of the Capital Construction portion of the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99 is improved education of students in technical and engineering programs, through capital construction of technical and engineering related facilities.

### 9:8-2.2 Use of funds

(a) Funds shall be used for the construction and initial equipping of major new technical and engineering buildings.

(b) Only projects which support undergraduate (or a combination of undergraduate and graduate) programs and coursework directed toward job training and retraining in technology and engineering will be funded.

### 9:8-2.3 Eligibility

(a) Projects to be funded under this category shall include those specified in the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99, and those later identified by the Department of Higher Education.

(b) Only New Jersey institutions of higher education are eligible to receive funds.

### 9:8-2.4 Review process

(a) For the funds in this subchapter not already specified in the Jobs, Science and Technology Bond Act of 1984, P.L. 1984, c.99, or identified by the Department of Higher Education, the Department of Higher Education will invite proposals from accredited engineering schools for a northern and/or central region computer integrated manufacturing (CIM) center(s).

(b) The initial review of the invited proposals will be conducted by the Department of Higher Education with the assistance of external consultants.

(c) Priority will be given to projects that have an impact on the economic development of the northern and/or central region of the State and which are consortial in nature.

(d) Projects that are judged to be superior by external consultants will be brought to the Board of Higher Education for approval. Those projects approved by the Board will be advanced to a second stage of review. If a project involves a new degree program and/or a new branch campus, Board approval for the degree program and/or the new branch campus, where required, must be obtained before the project will be advanced to the second stage.

(e) The second stage of the review process will consist of the Board of Higher Education's established Facilities Planning Standards and Approval Procedures, N.J.A.C. 9:3,

which shall be used in the review of proposals from both the public and independent sectors.