

**FY 2018 Budget Estimates
Military Construction, Defense-Wide
Special Program Considerations**

POLLUTION ABATEMENT

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installation have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION

DOD represents three-fourths of federal energy use. Energy Resilience and Conservation Investment Program (ERCIP) projects improve energy and water efficiency and energy resilience at DOD installations, and consistently produce average savings of more than two dollars for every dollar invested. The ERCIP is a well-managed program with clear, realistic and attainable goals.

The Administration continues to fund this program at \$150 million in FY 2018. The Administration will ensure that the program produces high returns on this investment and develops new performance metrics.

In general, the ERCIP program funds projects that would not necessarily be candidates for other types of funding, like O&M or third-party financing. In addition, in order to support the Department's strategic energy goals, the ERCIP uses several project selection criteria, including:

- Savings-to-Investment Ratio (SIR) and Simple Payback;
- Service priority;
- Inclusion in installation, region, department or component energy plan;
- Impact to energy resilience improvement and its contribution to mission assurance at an installation;
- Integration of distributed generation or storage to improve energy resilience;
- Impact to the energy consumption at an individual installation;
- Implementation of technologies validated in a test bed demonstration program;
- Integration of multiple energy technologies to realize synergistic benefits;
- Partnership opportunities with other federal agencies;

The ERCIP funds projects that save energy, reduce DOD's energy costs, improve energy resilience and contribute to mission assurance. The program supports construction of new, high-efficiency energy systems and the improvement and modernization of existing systems. Projects are designed to provide maximum energy benefit to the installation through minimizing energy consumption and

improving energy resilience. An exhibit is included in this justification material which details energy consumption and the Department's progress towards meeting energy consumption goals set forth by the President.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long-and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988, Floodplain Management, and 11990, Protection of Wetlands, and the Floodplain Management Guidelines of the U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90480 and the Americans with Disabilities Act Accessibility Guidelines, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PLANNING IN THE NATIONAL CAPITAL REGION

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the Commission's annual review of the Future Years Defense Plan (FYDP). Construction projects within the District of Columbia with the exception of the Bolling/Anacostia area are submitted to the commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (P.L. 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.