

Board of Regents Policy: Physical Plant B Section 1003.7

This Authority request is for an amount greater than \$150,000, which requires the following additional information:

(a) Project Description:

This project will install six subzero cold chamber research environments within 1320 sf of existing lab spaces and houses lab support space and necessary instrumentation. The cold chambers can be individually adjusted to provide temperature ranges from -60C to +60C. Each of the following functions will be housed in an individual cold chamber: an instructional lab, clean room environment, wetland lab, environmental test labs, structural testing and specimen storage. Existing building systems (HVAC, and electrical) supporting these areas will be upgraded and some supporting equipment may be mounted exterior to the building.

(b) Cost Estimate and Funding Sources:

X	Estimated Cost		
X	Design/Construction Admin	\$	235,000
X	Construction	\$	1,565,000
X	<u>Contingency</u>	\$	<u>200,000</u>
X	Total Estimate	\$	2,000,000

X Funding Source: This project will be financed with non-state funding from Federal and Private grants.

(c) Program served, enrollment data, projected enrollment:

This cold chambers project enhances the existing Subzero and Cold Regions Research facilities and compliments the Antarctic research conducted by faculty and students. These cold chambers will be available to serve other department's collaborative research needs.

(Enrollment data is not applicable to this authority request).

(d) Space Utilization Data:

Installation of these cold chambers will not appreciably change the utilization of the existing spaces.

(e) Projected use for available residual space:

(Not applicable to this project)

(f) Projected O&M Costs and proposed funding sources:

Historic O&M costs are not expected to be significantly impacted by this installation since the cold chambers will be placed in existing spaces and facilities will not be expanded or significantly modified.