

SOUTH DAKOTA BOARD OF REGENTS

Full Board

AGENDA ITEM: 5
DATE: January 27, 2022

SUBJECT

DSU Applied Research Lab Preliminary Facility Statement (PFS)

CONTROLLING STATUTE, RULE, OR POLICY

[SDCL 5-14-1](#) – Classification of Capital Improvements

[SDCL 5-14-2](#) – Supervision by Bureau of Administration of Capital Improvement Projects – Payment of Appropriated Funds

[SDCL 5-14-3](#) – Preparation of Plans and Specifications for Capital Improvements – State Building Committees – Approval by Board or Commission in Charge of Institution

[BOR Policy 6:4](#) – Capital Improvements

[BOR Policy 6:6](#) – Maintenance and Repair

BACKGROUND / DISCUSSION

Dakota State University (DSU) requests approval of the Preliminary Facility Statement to construct a new Applied Research Lab (ARL) set forth in Attachment I. This building will provide additional space and capacity to expand DSU’s capability to conduct applied research for federal government and private sector companies that support the federal government. This building would provide expanded opportunities for DSU students and faculty researchers. The current facilities enable DSU to have approximately 150 researchers and the new facility in Sioux Falls would create capacity for 400-500 new federal and private sector positions and \$100,000,000 of annual activity at full capacity.

IMPACT AND RECOMMENDATIONS

The general programmatic needs addressed through the construction of the new ARL would include, but not be limited to, the following:

- Increase capacity for specialized laboratory, office, and data center space to support applied research in computer and cyber sciences.
- Expand the number of applied researchers, and thus create additional high-paying jobs in SD with \$100,000 average starting salaries.

(Continued)

DRAFT MOTION 20220127_5:

I move to approve the Preliminary Facility Statement for DSU to construct an Applied Research Lab with a cost not to exceed \$50M from donated funds, to establish a building committee, and to support legislation enabling this project.

- Create an additional 400-500 applied researcher and support positions in this facility and generate \$100,000,000 of annual activity at full capacity.

PROPOSED FUNDING SOURCE

Dakota State University requests the use of donated funds for this project. Private donations of \$50,000,000 will fund the construction of this project on 10-16 acres of land donated by Sanford Health.

ATTACHMENTS

Attachment I – DSU Applied Research Lab Preliminary Facility Statement

Preliminary Facility Statement

Applied Research Lab | Dakota State University

DSU requests approval of this Preliminary Facility Statement to plan an Applied Research Lab.

A. General programmatic needs to be addressed:

The general programmatic needs addressed through the construction of the Applied Research Lab would include but not be limited to the following:

- Additional capacity for specialized laboratory, office, and data center space to support applied research in computer and cyber sciences.
- The construction of this new research building will enable DSU to expand the number of applied researchers, and thus create additional high-paying jobs in SD with \$100,000 average starting salaries.
- Create an additional 400-500 applied researcher and support positions in this facility as an extension to the approximately 150 in the MadLabs Building on the DSU campus in Madison to keep up with demand.

B. Analysis of the student body or constituents to be served:

A new Applied Research Lab would provide additional space and capacity to expand DSU's capability to conduct applied research for federal government and private sector companies that support federal government. This building would provide expanded opportunities for DSU students and faculty researchers. The current facilities enable DSU to have approximately 150 researchers and the new expanded facility in Sioux Falls would create an addition 400-500 positions.

C. Additional services to be offered:

The Applied Research Lab will expand advanced technology infrastructure, networking technologies, and hands-on lab facilities that are currently only available on the DSU campus.

D. Analysis of needs assessment based on the facilities utilization report:

This analysis is not applicable.

E. Location:

The location of the Applied Research Lab would be in the City of Sioux Falls, located on land to be donated to the University.

F. Reallocation or demolition of old space, if any:

None

G. Proposed funding sources:

This project will be funded from private donations.

H. Budget for development of a Facility Program Plan:

Local funds or private donations will be used to fund the facility program plan.