

SOUTH DAKOTA BOARD OF REGENTS

Budget and Finance

AGENDA ITEM: 7 – M

DATE: October 4-6, 2016

SUBJECT: SDSU Wildlife Unit Natural Resources Research Support Facility – Preliminary Facility Statement

South Dakota State University requests approval of its Preliminary Facility Statement to construct a Natural Resources Research Support Facility. The project cost is estimated at \$300,000. The original building, known as the Pesticide Research Facility, was destroyed by fire in January 2016. The building was located at the Wildlife Research Unit north of the SDSU main campus and was part of the SDSU Ag Experiment Station units.

The new building would be comprised of approximately 4,000 square feet and will be constructed as a modern wood frame pole barn. The facility will have storage space, research preparation and lab equipment space, and a unisex restroom facility with shower. The building will be constructed at the site of the former structure.

Additional project details can be found in SDSU’s attached Preliminary Facility Statement. Due to the small size of the capital improvement project and the simple nature of the facility, SDSU requests exemption from the remainder of the capital improvement process.

Funding for this facility will come from insurance settlement proceeds and supplemented with AES pesticide fee revenues. The insurance settlement amount was \$112,026.07.

DRAFT MOTION 20161004_7-M: I move to approve SDSU’s Preliminary Facility Statement to construct a Natural Resources Research Support Facility at an estimated cost of \$300,000, funded with insurance proceeds and AES pesticide fees, and to exempt it from the remainder of the capital improvement requirements.

**PRELIMINARY FACILITY STATEMENT
FOR
WILDLIFE UNIT
NATURAL RESOURCES RESEARCH SUPPORT FACILITY
SOUTH DAKOTA STATE UNIVERSITY**

SDSU requests approval of this Preliminary Facility Statement to construct a natural resources research support facility to replace a building that was destroyed by fire. We request that legislation be prepared as necessary for consideration at the December BOR meeting and possible inclusion with other capital improvements that will be submitted by the BOR in the 2017 legislative session. We also request that this project be exempted from further steps in the capital improvement process.

1. GENERAL PROGRAMMATIC NEEDS TO BE ADDRESSED:

This project will provide a facility to replace a building that was destroyed by fire in January 2016. The original building was labeled the Pesticide Research Facility (building number 0819) and was located at the Wildlife Research Unit north of the SDSU main campus on one of the SDSU Ag Experiment Station units. The original facility was a research support facility. It was utilized for storage of supplies needed for research conducted at the facility. It also contained laboratory equipment (refrigerators, freezers, centrifuge, and sample containers) and was used as a specimen and preparation space for laboratory procedures and samples that were collected at the research unit. The equipment has been replaced and activities have been moved to a temporary location.

SDSU would like to replace this facility with a new structure that has the same functions. Due to the small size of this capital improvement and the simple nature of the facility itself, SDSU requests exemption from the Capital Improvement Project process. A description of the facility size and construction features is included with item #4 below.

2. ANALYSIS OF THE STUDENT BODY OR CONSTITUENTS TO BE SERVED:

This facility serves the research activities of the faculty and graduate students that are conducted at the Wildlife Unit.

3. ADDITIONAL SERVICES TO BE OFFERED:

No additional services would be offered. This research support facility will replace the structure that was lost by fire.

4. COMPLIANCE WITH CAMPUS MASTER PLAN:

The original facility was in full use at the time. The functions would continue with the replacement building. A modern wood frame pole barn will be constructed. The facility will have a storage space, research preparation and lab equipment space, and a unisex restroom facility with shower. The size and construction features planned for the building would be as follows.

- Building size would be 4,000 square feet. It would be constructed utilizing the closest standard modular size to this floor area.

- Wood frame pole barn construction with 8' to 10' sidewalls, 4/12 roof pitch, insulated exterior walls and ceiling, with metal siding and roofing
- Standard hollow metal doors (3-4 total) and one overhead door
- Windows to research preparation and equipment space
- 2x6 infill between columns or girts that are insulated with 6" insulation
- Unisex bathroom with toilet and sink
- 2 floor drains or a floor trench drain
- 225 amp electrical panel, 3 phase/4 wire, with 32 circuits
- Electric radiation and/or electrical unit heaters
- Compact fluorescent or LED fixtures
- Exterior grade plywood interior finish for walls and ceilings, painted
- Engineered fill material, 4" concrete slab with thickened edge and reinforced with #4 bars @ 18" oc, under slab insulation
- Utility connections to existing septic system and electrical service

5. ANALYSIS OF NEEDS ASSESSMENT BASED ON THE FACILITIES UTILIZATION REPORT:

Not applicable.

6. LOCATION:

This building would be built on the site of the former structure which is located at the Wildlife Unit of the Agricultural Experiment State north of the SDSU Campus. The remains of the original structure have been removed in preparation for this new facility.

7. REALLOCATION OF OLD SPACE, IF ANY:

Not applicable.

8. PROPOSED FUNDING SOURCE/SOURCES:

This project will be funded from proceeds of the insurance settlement and supplemented as necessary by AES pesticide fee revenues.

9. BUDGET FOR DEVELOPMENT OF A FACILITY PROGRAM PLAN:

We estimate the project costs to be \$300,000. This includes all construction, design, and tertiary services. These services will be provided from design and planning efforts of the University and SDSU Facilities and Services.