

**ATTACHMENT #1 – Project Details (BOR Policy 1003.7)**

This authority request is for an amount greater than \$500,000, which requires the following additional information:

(a) Project Description:

This project will upgrade lighting across most campus buildings to LED fixtures and wireless controls. The scope is to replace and upgrade all light fixtures in Block Hall, Business and Technology, Short Administration, Carson Library, Student Union Building, Engineer's House, Swysgood Technology Center, and the Bulldog Athletic and Recreational Complex.

The project deliverables include:

1. Engineering design and specifications to include code compliant lighting control capabilities.
2. Demo out all existing light fixtures and replace, on a 1:1 basis, with LED fixtures. Replace all wall plates and install wireless controls. Controls to have remote dimming capabilities, pre-programmed lighting parameters, and daylight harvesting.

(b) Cost estimate and Funding Sources:

Construction	\$ 712,000
Architectural/Consulting Services	\$ 95,000
Test and Inspection Services	\$ 17,000
A&E Supervisory Fees	\$ 25,000
Contingency	\$ 30,000
<b>PROJECT TOTAL</b>	<b>\$ 879,000</b>

This project will initially be funded by the State Buildings Energy Conservation Program (SBECP) which is administered through the DEQ. Project costs include engineering design, materials, installation, project oversight, and 3% interest calculated on an annual percentage rate. Loan repayment will be from energy savings.

(c) Programs served, enrollment data, projected enrollments:

All academic buildings, with the exception of Main Hall, will have upgraded lighting. Main Hall is not in scope due to the historical nature of the building.

(d) Space Utilization Data:

(Not applicable to this project)

(e) Projected use for available residual space:

(Not applicable to this project)

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

O&M will be significantly reduced by the implementation of this project. The lifetime of LED lighting is much greater than traditional lighting thereby reducing maintenance cost. And the operational costs (per calculated energy savings) will be reduced by approximately \$52,000 per year.