



**Board of Trustees
Business Affairs Committee
November 19, 2019
8:00 am
Chancellor's Boardroom**

Action Item

BAC-4 Steam Plant Control Systems Upgrade

Background Information

Appendix 1, Section 600.1.1 of The University of North Carolina System Policy Manual (March 21, 2019) permits the Board of Trustees to approve capital improvement projects those are estimated to cost less than \$750,000 and funded entirely with non-General Fund money.

The existing Steam Plant Control System is old, inefficient and unreliable. The project will provide new controlling equipment and direct digital controls which will substantially improve reliability, operability and efficiency of the campus heat system. Scope includes integration into the University Building Automation System, (4) individual boiler control cabinets with touch screen displays, a new master control cabinet with touch screen display, (5) VFDs for forced draft fans and for feed water pump, new wall mounted monitors for operator's Control Room, new UPS system for Steam Plant control system, new site glasses and level controls for de-aerator tank and condensate tank, along with training for all operators.

This project is being funded through the Utility Savings Carry Forward.

Attachments:

BAC-4.1 CI-1, dated October 23, 2019

BAC-4.2 OC-25, dated October 23, 2019

Recommended Action

That the Board of Trustees of The University of North Carolina at Greensboro approves a capital improvement project in the amount of \$500,000 to upgrade the Steam Plant Control Systems.

A handwritten signature in black ink, appearing to read 'Charles Leffler'.

Charles Leffler
Interim Vice Chancellor for Business Affairs