



TO: Business Board

SPONSOR: Cathy Riggall, Vice President, Business Affairs

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DATE: June 8, 2011 for June 16, 2011

AGENDA ITEM: 6(d)

ITEM IDENTIFICATION:

Project: St. George Campus Central Steam Plant – Replacement of the Fuel Train and Boiler Controls

JURISDICTIONAL INFORMATION:

The Business Board is responsible for approving the establishment of appropriations for capital projects and infrastructure renewal projects with a projected cost of more than \$2 million on the recommendation of the Academic Board and the Planning and Budget Committee.

PREVIOUS ACTION TAKEN:

Presented to the Planning and Budget Committee (May 18/2011) and the Academic Board (June 1/2011)

BACKGROUND:

The means by which fuel is fed to the five boilers in the Central Steam Plant on the St. George campus and the devices that control their operation do not meet the current Code as mandated by the Technical Standards and Safety Authority (TSSA). Continued operation of the plant requires a variance from the TSSA pending replacement of the existing fuel train and controls. Our plan is to complete the replacement of the non-compliant equipment over a three year period.

HIGHLIGHTS:

The project will replace the components on a phased basis over three years so as not to interfere with the operation of the plant – three boilers in the first year, and one each in each of the next two years. As well, the controls will be replaced with up-to-date electronic controls as used successfully at other institutions. The work will be scheduled for the summer of each of the three years so as not to interfere with the supply of heat to campus buildings. All of the work is confined to the interior of the Central Steam Plant.

The project will take place over the next three summers.

FINANCIAL AND/OR PLANNING IMPLICATIONS:

Funding is available in the Infrastructure Renewal Fund.

RECOMMENDATION:

Subject to Governing Council approval of the project including its funding,

THAT the Vice-President, Business Affairs be authorized to execute the project to replace the fuel train and boiler controls at the Central Steam Plant on the St. George campus, at a total cost not to exceed \$6.138-million, phased over three years, with funding from the Utilities Infrastructure Renewal Fund.