

FOR RECOMMENDATION

CONFIDENTIAL

IN CAMERA SESSION

TO: UTM Campus Council

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DATE: November 21, 2017

AGENDA ITEM: *Additional Item (In Camera)*

ITEM IDENTIFICATION:

Greenhouse Gas Campus Retrofits Program (GGRP) Capital Project

JURISDICTIONAL INFORMATION:

Under the *Policy on Capital Planning and Capital Projects*, proposals for capital projects over \$5 million and up to \$20 million must be considered by the appropriate Boards and Committees of Governing Council on the joint recommendation of the Vice President and Provost and the Vice President, University Operations. The Planning and Budget Committee will consider projects at the St. George campus and the respective Campus Affairs Committees and Campus Councils will consider projects at University of Toronto Mississauga and University of Toronto Scarborough and recommend them to the Academic Board for consideration. Normally, such projects will be placed on the Board's consent agenda and be confirmed by the Executive Committee of the Governing Council. Execution of such projects is approved by the Business Board.

If a project will require financing as part of the funding, the project proposal must be considered by the Business Board.

GOVERNANCE PATH

A. Project Planning Brief

1. UTM Campus Council [for recommendation] (November 21, 2017)
2. UTSC Campus Council [for recommendation] (November 22, 2017)
3. Academic Board [for recommendation] (November 23, 2017)
4. Business Board [financing, for recommendation] (November 27, 2017)
5. Executive Committee [for endorsement and forwarding] (December 5, 2017)
6. Governing Council [for approval] (December 14, 2017)

B. Execution of the Project

1. Business Board [for approval] (November 27, 2017)

PREVIOUS ACTION TAKEN:

No previous action taken.

HIGHLIGHTS

The three GGRP funds are described in the open session cover document.

SINGLE-YEAR PROJECTS

UTM

UTM has been allocated a total of \$7 million by MAESD: \$3.5 million from the Retrofits Grant Fund for Cap and Trade Non-Participants and \$3.5 million from the Interest-free Loan Fund. UTM will also allocate \$4 million in operating funds for a total of \$11 million. UTM projects include the installation of high efficiency boilers; the replacement of low efficiency rooftop air conditioning units (RTUs) with high efficiency RTUs with Variable Frequency Drives (VFD); the installation of VFD on supply and return fans; and the installation of energy efficient windows.

MULTI-YEAR PROJECTS

UTM will continue to pursue projects, including the installation of high efficiency boilers; the replacement of low efficiency rooftop air conditioning units (RTUs) with high efficiency RTUs with Variable Frequency Drives (VFD); the installation of VFD on supply and return fans; and the installation of energy efficient windows.

NEXT STEPS

Achieving successful completion within the timeframe allowed for the grant funded projects will require them to be executed in an efficient manner. Generally, this will mean that multiple initiatives in any given building or multiple projects of the same type will be bundled together as a “project” for the purposes of both design and construction. Of particular note, the project to upgrade the CUP boiler has already commenced but is able to take advantage of the Retrofits Grant Fund as it is available for projects retroactive to April 1, 2017.

Project specifics will be brought back to Campus Council for information.

FINANCIAL IMPLICATIONS

a) UTM total project cost to March 31, 2019

The proposed Total Project Cost (TPC) estimate for the UTM project is \$11,000,000

Funding Sources: The funding sources are as follows	
Greenhouse Gas Campus Retrofit Interest-Free Loan Fund	\$ 3,500,000
Retrofits Grant Fund for Cap and Trade Non-Participants	\$3,500,000
University of Toronto Mississauga Operating Funds	<u>\$ 4,000,000</u>
Total	\$11,000,000

UTM Campus Council, November 21, 2017 – Capital Project; Greenhouse Gas Campus Retrofits Program

RECOMMENDATION:

Be It Recommended,

THAT the University of Toronto Mississauga Greenhouse Gas Campus Retrofits Program with a total project cost of \$11,000,000 million be approved, to be funded as follows:

Greenhouse Gas Campus Retrofit Interest-Free Loan Fund	\$ 3,500,000
Retrofits Grant Fund for Cap and Trade Non-Participants	\$ 3,500,000
University of Toronto Mississauga Operating Funds	<u>\$ 4,000,000</u>
Total	\$11,000,000

DOCUMENTATION PROVIDED:

None.