UNIVERSITY OF TORONTO

OFFICE OF THE ASSISTANT VICE-PRESIDENT
CAMPUS & FACILITIES PLANNING

FOR INFORMATION:

TO: Planning and Budget Committee

SPONSOR: Elizabeth Sisam, Assistant Vice-President Campus and Facilities Planning

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DATE: January 9 for January 21, 2009

AGENDA ITEM: 11

ITEM IDENTIFICATION:

Project Planning Committee for the University of Toronto Mississauga Science Campus

JURISDICTIONAL INFORMATION:

Under the Policy on Capital Planning and Capital Projects, section 5.A. the membership and terms of reference of Project Committees shall be reported to the Planning and Budget Committee.

BACKGROUND:

UTM's first science laboratories were built almost 40 years ago. Much of the original infrastructure is still in place, is significantly out of date, and in many cases barely meets regulatory standards. The science infrastructure at UTM is no longer adequate to support a growing number of graduate and undergraduate students enrolled in the sciences. Faculty hiring to support this significant enrolment growth has already been curtailed due to space limitations. Enrolment in life and other sciences represents 24% of UTM's undergraduate population.

The current science infrastructure at UTM has not kept pace with the substantial growth in enrolment at the campus, and is technologically out of date. A new Science Campus Complex is proposed to support increased numbers of undergraduate, research-based masters and doctoral graduate programs, and professional master's programs, and provide the much-needed updated infrastructure for today's scientific research.

The project will include new laboratory space, vivarium facilities, and renovations to existing research and teaching laboratory facilities to provide up to date laboratory facilities that meet regulatory and technological requirements.

PROPOSED COMMITTEE MEMBERSHIP:

Prof. Ian Orchard, Vice-President & Principal University of Toronto Mississauga (Co-Chair)
Prof. Ulrich Krull, Vice-Principal, Research University of Toronto Mississauga (Co-Chair)
Maxim Prigozhin, Undergraduate student in Joint Physics and Chemistry studies, UTM
Nicole Prent, PhD Graduate student in Physics, UTM
Jean-Paul Paluzzi, PhD Graduate student in Biology, and President of UTMAGS
Peter Macdonald, Professor, Chemical and Physical Sciences, UTM
Robert Gerlai, Professor, Psychology, UTM
Angela Lange, Professor, Biology, UTM
Konstantin Khanin, Professor, Mathematical and Computational Sciences, UTM
Brian Branfireun, Professor, Geography/Environment (representing social sciences), UTM
Marianne Kalich, Staff, Undergraduate Laboratories, UTM
Joe Lim, Chief Information Officer, UTM
Paull Goldsmith, Director, Facilities Management & Planning, UTM
William Yasui, Senior Facilities Planner, UTM
Julian Binks, Manager, Capital Projects Planning, Real Estate Operations
Sarah Birtles, Planner, Office of the AVP Campus and Facilities Planning
Gail Milgrom, Managing Director, Office of AVP Campus and Facilities Planning

TERMS OF REFERENCE:

1. Make recommendations for a detailed space program and functional layout for the Science Campus.
2. Identify the space program as it is related to the existing and approved academic plan at UTM; taking into account the impact of approved and proposed program that are reflected in increasing faculty, student and staff complement. Plan to realize maximum flexibility of space to permit future allocation, as program needs change.
3. Demonstrate that the proposed space program will be consistent with the Council of Ontario Universities' and the University's own space standards.
4. Identify all secondary effects, including space reallocations from the existing site, impact on the delivery of academic programs during construction and the possible required relocation as required to implement the plan of existing units.
5. Address campus-wide planning directives as set out in the campus master plan, open space plan, urban design criteria, and site conditions that respond to the broader University community.
6. Identify equipment and moveable furnishings necessary to the project and their estimated cost.
7. Identify all data, networking and communication requirements and their related costs.
8. Identify all security, occupational health and safety and accessibility requirements and their related costs.
9. Identify all costs associated with transition during construction and secondary effects resulting from the realization of this project.
10. Determine a total project cost estimate (TPC) for the capital project including costs of implementation in phases if required, and also identifying all resource costs to the University.
11. Identify all sources of funding for capital and operating costs.
12. Complete report by May, 2009.