

FOR INFORMATION:

TO: Planning and Budget Committee

SPONSOR: Gail Milgrom, Acting Assistant Vice-President, Campus & Facilities Planning

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DATE: September 9, 2011 for September 21, 2011

AGENDA ITEM: 11

Project Planning Committee for the proposed University of Toronto Mississauga Teaching Laboratories Renovation in the W.G. Davis Building.

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:

On June 20, 2011, the Ontario government announced funding of \$52.5 million toward the estimated \$75 million cost of two major capital projects at UTM: \$50 million for the Phase 1 reconstruction of the North building and \$25 million for teaching laboratory renovations in the W.G. Davis building. That funding, which will flow over four years, will enable UTM to undertake a multi-year replacement program for teaching laboratories.

UTM's first science laboratories were built almost 40 years ago and in many cases barely meet current regulatory standards. Their inefficient layout does not provide the flexibility needed to increase the flow-through of larger numbers of students or the requirements of current technology. Renovation to a substantial part of the W.G. Davis Building D-block, accommodating both teaching and research laboratories, is essential to maximize the utilization of the existing infrastructure to support increased numbers of undergraduate, research-based master's and doctoral graduate programs, and to provide the much-needed updated infrastructure for today's scientific teaching and research.

The renovation process of the D-block started in the Summer, 2011 with the renovation of the Chemistry Teaching Laboratories (funded by UTM). This renovation created two large labs containing a significant number of student teaching fume hoods that will accommodate large first and second year chemistry courses.

The W.G. Davis Building D-block also accommodates several research laboratories that will be moved to the lower level of the building; a location away from main pedestrian traffic that is more suitable for the sophisticated and sensitive research equipment in those laboratories. The upper levels of the D-block will be dedicated to teaching laboratories. To minimize disruption of the teaching programs, the renovation of the remaining laboratories must be phased over several summer periods with the next project (Biology) beginning in May, 2012. All renovations are expected to be completed by September, 2014.

PROPOSED COMMITTEE MEMBERSHIP:

Mr. P. Donoghue (co-chair), Chief Administrative Officer, UTM
Mrs. G. Milgrom (co-chair), Acting Assistant Vice-President, Campus & Facilities Planning
Mr. A. Web, Planner, Campus and Facilities Planning
Mrs. L. Snowden, Assistant Dean, Office of the Dean
Prof. U. Krull, Vice-Principal, Research University of Toronto
Prof. B. Stewart, Chair Department of Biology, UTM
Prof. P. Macdonald, Chair Department Chemical Physical Sciences, UTM
Prof. K. Wilson, Chair Geography, UTM
Prof. J. Sidnell, Chair Anthropology, UTM
Mrs. M. Vincent, Staff Department Chemical Physical Sciences, UTM
Mrs. C. Moon, Staff Department of Biology, UTM
Mr. P. Goldsmith, Director, Facilities Management & Planning, UTM
Mr. R. Peters, Facilities Management & Planning, UTM
Mr. J. Lim, Chief Information Officer, UTM
Ms. S. Elias, Facilities Planner, Facilities Management & Planning, UTM
Mr. W. Yasui, Facilities Planner, Facilities Management & Planning, UTM
Mr. J. Binks, Manager, Capital Projects
TBA UTM undergraduate student
TBA UTM graduate student

TERMS OF REFERENCE:

1. Develop a conceptual plan for the phased renovation of the Davis Building D-block.
2. Develop a detailed Space Program for the proposed renovation of the Davis Building D-block laboratories (Biology, Chemical Physical Sciences, Anthropology, Geography).
3. Demonstrate that the proposed Space Programs are consistent with the Council of Ontario Universities' and University of Toronto space standards.
4. Determine a functional layout of the space required within the proposed renovation.
5. Determine any secondary effects including impact on the delivery of academic programs during construction and the related resource implications of these effects.
6. Identify all equipment and moveable furnishings necessary to the project and their related costs.
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. Determine a total project cost estimate (TPC) for the project, including costs of implementation in phases.
10. Identify all sources of funding for the project.
11. Report by end of November, 2011.