



FOR INFORMATION:

TO: Planning and Budget Committee

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

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DATE: March 24th for April 1st, 2009

AGENDA ITEM: 7(a)

Project Planning Committee Terms of Reference for the Physics Research and Instructional Laboratory Revitalization in the McLennan Physical Laboratories 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:

This project will renovate existing laboratories and related support facilities in the McLennan Physical Laboratories Building bringing necessary upgrades to obsolete facilities that are approximately 45 years old. The facilities and dated infrastructure will be renewed, taking advantage of the large capital equipment investments accommodated in close proximity. The first phase of renovations was completed in 2008. This second phase is being submitted for funding under the federal infrastructure program, identified as the St. George Laboratory Revitalization for Physics and Chemistry.

The renovated facilities will improve capacity of both teaching and research laboratories, increase the utilization of nearby research equipment and create areas for small group experiences. The facilities will be used jointly by undergraduates in Physics, Material Science and Nanotechnology.

COMMITTEE MEMBERSHIP:

Mike Luke, Chair Department of Physics

David Bailey, Associate Chair Undergraduate, Department of Physics

Chris Ellenor, Graduate Student Department of Physics

Daniel Fusca, Undergraduate Student Department of Physics

Adrienne de Francesco, Assistant Dean & Director of Infrastructure Planning, Faculty of Arts & Science

Julian Binks, Manager, Capital Projects Planning, Real Estate Operations

Bruce Dodds, Director of Utilities, Facilities and Services

Tina Harvey-Kane, Planner, Campus and Facilities Planning

TERMS OF REFERENCE:

1. Make recommendations for a detailed space program and functional layout for research laboratories and computational classrooms in the McLennan Physical Laboratories Building.
2. Demonstrate that the proposed space program will be consistent with the Council of Ontario Universities' and the University's own space standards.
3. Identify items of deferred maintenance that should be addressed concurrently with this renovation.
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 it required to implement the plan of existing units.
5. Identify equipment and moveable furnishings necessary to the project and their estimated cost.
6. Identify all data, networking and communication requirements and their related costs.
7. Identify all security, occupational health and safety and accessibility requirements and their related costs.
8. 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.
9. Identify all sources of funding for capital and operating costs.
10. Complete report by May, 2009.