



University of Toronto

CAPITAL PROJECTS DEPARTMENT

TO: Business Board

SPONSOR: Nick Zouravlioff, Acting Chief Capital Projects Officer

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DATE: May 28, 2007 for June 21, 2007

AGENDA ITEM: 9 (e)

ITEM IDENTIFICATION:

Capital Project Report – Faculty of Applied Science and Engineering, Haultain Building Hydrogen Lab renovation

JURISDICTIONAL INFORMATION:

Pursuant to Section 5.2. (b) of its Terms of Reference, the Business Board approves expenditures for, and the execution of, approved Capital Projects.

PREVIOUS ACTION TAKEN:

This is the first time this project is being presented to the Business Board. Other Board and Committee approval to date include:

- Accommodation and Facilities Directorate December 1, 2006

HIGHLIGHTS:

The Department of Mechanical and Industrial Engineering proposed to establish the new Hydrogen Laboratory on the third floor of the Haultain Building, in space currently occupied by room 312 through 314. This location was recommended by the architects as the best combination of structural integrity, access to utilities, and safety considerations. In the Department's academic plan formed in 2004, the field of alternate energy systems was identified as being a strategic area for development. The work in the Hydrogen Lab will compliment current research by faculty members. Currently, none of the facilities at the University are suitable for the proposed research program on alternative fuels. This project will provide a laboratory in which alternative energy research can be conducted safely, in accordance with all applicable standards and codes. The laboratory will consist of 122 m² of space.

FINANCIAL AND/OR PLANNING IMPLICATIONS:

The Total Project Cost for the renovation of the Haultain Building Hydrogen Lab is estimated to be \$2.193 million dollars. Funding for the renovation of the Hydrogen Lab is to be provided by Faculty of Applied Science and Engineering. The project is proposed to be completed November 2007.

RECOMMENDATION:

Be it Resolved

THAT the Vice-President, Business Affairs be authorized to execute the renovation of the Faculty of Applied Science and Engineering, Haultain Building Hydrogen Lab third floor at a total project cost not to exceed \$ 2.193 million dollars, with funding provided by the Faculty of Applied Science and Engineering.