

Physics Building Air Handlers 1 and 7 Renovation

Recommendation

It is recommended that the Board of Governors authorize the President, or his designee, to award contracts to make various improvements to the Physics Building air handler units 1 and 7 for a project cost not to exceed \$680,000. Funding for this project will be provided from Deferred Maintenance funds. The current balance of the funding source is shown in the table below.

Background and Project Description

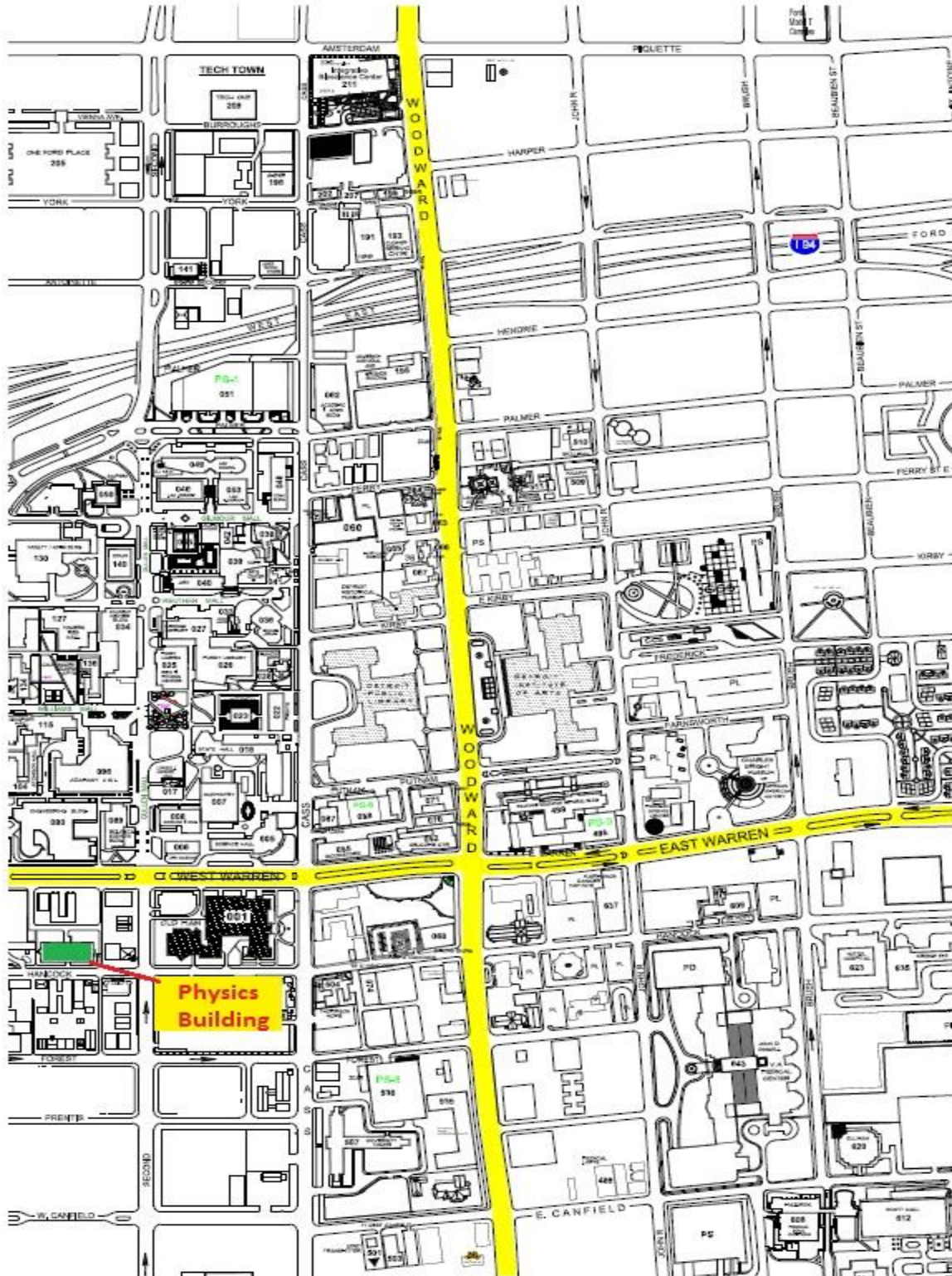
The Physics Building, constructed in 1965, is located at 666 West Hancock Avenue and houses the Department of Physics.

Original to the building, the air handler units are well beyond their life expectancy. Heating coils were modified, presumably in the 1990s, which has changed the functional design of the system. As a result, these units have experienced several coil failures over the years and can no longer provide adequate heat. These failures cause the building systems to shut down, which generates cold weather freeze damage. Furthermore, the modified coil design has reduced the loads needed from the heating plant and causes the boilers to run inefficiently. This project replaces air dampers to protect the coils from freezing, replaces the heating coils so the required air temperatures meet the original design, and enables the boilers to run more efficiently. New building automation controls will also be installed to allow Plant Operations to better monitor and control the systems.

All contracts for this project will be awarded in accordance with University policies and procedures and with a focus on sustainability.

Project Budget

Funding Sources		Balance of Reserve Account
Deferred Maintenance	\$680,000	\$3,388,093
TOTAL Sources	\$680,000	
Expenditures Plan		
Design Fees	\$52,000	
Construction	\$563,000	
Project Management and Contingency	\$65,000	
TOTAL Expenditures	\$680,000	



The Physics Building

