



University of Connecticut  
*Office of the Vice President and  
Chief Operating Officer*

September 25, 2007

**TO:** Members of the Board of Trustees

**FROM:** Barry M. Feldman  
Vice President and Chief Operating Officer

Lorraine M. Aronson  
Vice President and Chief Financial Officer

**SUBJECT:** Project Budget (Planning) for the Replacement of Two Water Towers

**RECOMMENDATION:**

That the Board of Trustees approve the Planning Budget for the replacement of two water towers in the amount of \$2,000,000.

**BACKGROUND:**

The University operates an extensive water distribution system that allows the water from its well fields to be collected and distributed throughout the Storrs campus and portions of the immediate surrounding community. The distribution system is composed of water piping that flows under pressure to the campus. The water is used for domestic uses, fire fighting, and other campus uses, such as heat generation.

An important part of the distribution system is the infrastructure needed to collect and store water for future use and to maintain water pressure. There are three above ground towers and one underground tank that serve this purpose. These towers are located between Towers Residence Halls and Husky Village. That location is important since the elevation of the site allows for system pressurization.

Recent facility condition survey, as well as operational analysis, confirm that the University must replace key components of the water system. This project replaces the two oldest towers with one new 1 million gallon storage tank. The oldest tower (300,000 gallon capacity) was constructed in 1914 with the second oldest (600,000 gallon capacity) constructed in 1936. The typical useful life of a steel water tower is approximately 50 to 75 years depending upon environmental conditions and maintenance. The University has performed periodic repairs and recoating to prolong the useful life of these tanks. However, these tanks must be replaced to avoid a potential failure.

This Planning Budget is attached for your consideration and approval.

Attachment

*An Equal Opportunity Employer*

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## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: PLANNING**

**PROJECT NAME: REPLACEMENT OF TWO WATER TOWERS**

<b><u>BUDGETED EXPENDITURES</u></b>	<b><u>PROPOSED PLANNING 9/25/2007</u></b>
CONSTRUCTION	\$ 1,600,000
DESIGN SERVICES	150,000
TELECOMMUNICATIONS	-
FURNITURE, FIXTURES AND EQUIPMENT	-
CONSTRUCTION ADMINISTRATION	-
OTHER AE SERVICES (including Project Management)	-
ART	-
RELOCATION	-
ENVIRONMENTAL	-
INSURANCE AND LEGAL	-
MISCELLANEOUS	-
OTHER SOFT COSTS*	50,000
<b>SUBTOTAL</b>	<b>\$ 1,800,000</b>
PROJECT CONTINGENCY	200,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b><u>\$ 2,000,000</u></b>
<b><u>SOURCE(S) OF FUNDING</u></b>	
UCONN 2000 PHASE III - FY08 DM	<u>\$ 2,000,000</u>
<b>TOTAL BUDGETED FUNDING</b>	<b><u>\$ 2,000,000</u></b>

\*Does not include Furniture, Fixtures and Equipment.

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