



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

June 23, 2009

TO: Members of the Board of Trustees

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

Richard D. Gray  
Vice President and Chief Financial Officer

SUBJECT: Project Budget (Revised Final) for Corrugated Stainless Steel Tubing  
(CSST) Gas Piping Replacement

RECOMMENDATION:

That the Board of Trustees approve a Revised Final Budget in the amount of \$550,000 for the replacement of the existing CSST gas piping in Husky Village and Charter Oak Apartments.

BACKGROUND:

CSST is a stainless steel corrugated vinyl jacketed product used to pipe natural gas within a building in lieu of threaded cast iron pipe. The product is currently installed in both Husky Village and Charter Oak apartments. Since the widespread introduction of this product, there have been documented instances of the susceptibility of this product to develop pinhole leaks when there are nearby lightning strikes. The recommended solution is to provide additional grounding protection to the CSST or replace the pipe with cast iron pipe. The University Architectural and Engineering Services and code officials have analyzed both solutions and recommend the replacement of the existing CSST with threaded cast iron pipe.

This Revised Final Budget represents a change in project funding from UCONN 2000 to University Operating Funding. The Revised Final Budget is attached for your consideration and approval.

Attachment

*An Equal Opportunity Employer*

352 Mansfield Road Unit 2014  
Storrs, Connecticut 06269-2014

Telephone: (860) 486-4340  
Facsimile: (860) 486-1070  
web: www.uconn.edu

## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET:** REVISED FINAL

**PROJECT NAME:** CSST GAS PIPING REPLACEMENT

<u>BUDGETED EXPENDITURES</u>	<u>APPROVED FINAL 4/21/2009</u>	<u>PROPOSED REVISED FINAL 6/23/2009</u>
CONSTRUCTION	\$ 390,000	\$ 390,000
DESIGN SERVICES	34,500	34,500
TELECOMMUNICATIONS	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-
CONSTRUCTION ADMINISTRATION	39,000	39,000
OTHER AE SERVICES (including Project Management)	15,500	15,500
ART	-	-
RELOCATION	-	-
ENVIRONMENTAL	2,000	2,000
INSURANCE AND LEGAL	5,000	5,000
MISCELLANEOUS	14,000	14,000
OTHER SOFT COSTS*	-	-
<b>SUBTOTAL</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>
PROJECT CONTINGENCY	50,000	50,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b>\$ 550,000</b>	<b>\$ 550,000</b>
<u>SOURCE(S) OF FUNDING</u>		
UCONN 2000 PHASE III - FY09 DM	\$ 550,000	\$ -
DEPARTMENTAL FUNDS-RESIDENTIAL LIFE	-	550,000
<b>TOTAL BUDGETED FUNDING</b>	<b>\$ 550,000</b>	<b>\$ 550,000</b>

\*Does not include Furniture, Fixtures and Equipment.



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

April 21, 2009

TO: Members of the Board of Trustees

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

Richard D. Gray  
Vice President and Chief Financial Officer

SUBJECT: Project Budget (Final) for Corrugated Stainless Steel Tubing (CSST) Gas Piping Replacement

RECOMMENDATION:

That the Board of Trustees approve a Final Budget in the amount of \$550,000 for the replacement of the existing CSST gas piping in Husky Village and Charter Oak Apartments. The University requests a waiver of the Board of Trustees three phase approval process in order to proceed with the project immediately.

BACKGROUND:

CSST is a stainless steel corrugated vinyl jacketed product used to pipe natural gas within a building in lieu of threaded cast iron pipe. The product is currently installed in both Husky Village and Charter Oak apartments. Since the widespread introduction of this product, there have been documented instances of the susceptibility of this product to develop pinhole leaks when there are nearby lightning strikes. The recommended solution is to provide additional grounding protection to the CSST or replace the pipe with cast iron pipe. The University AES and code officials have analyzed both solutions and recommend the replacement of the existing CSST with threaded cast iron pipe.

This Final Budget is attached for your consideration and approval. This project will proceed upon receipt and reconciliation of final bids and that the total project cost does not exceed the proposed Final Project Budget.

Attachment

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## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: FINAL**

**PROJECT NAME: CSST GAS PIPING REPLACEMENT**

<u>BUDGETED EXPENDITURES</u>	<b>PROPOSED FINAL 4/21/2009</b>
CONSTRUCTION	\$ 390,000
DESIGN SERVICES	34,500
TELECOMMUNICATIONS	-
FURNITURE, FIXTURES AND EQUIPMENT	-
CONSTRUCTION ADMINISTRATION	39,000
OTHER AE SERVICES (including Project Management)	15,500
ART	-
RELOCATION	-
ENVIRONMENTAL	2,000
INSURANCE AND LEGAL	5,000
MISCELLANEOUS	14,000
OTHER SOFT COSTS*	-
<b>SUBTOTAL</b>	<b>\$ 500,000</b>
PROJECT CONTINGENCY	50,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b>\$ 550,000</b>
<u>SOURCE(S) OF FUNDING</u>	
UCONN 2000 PHASE III - FY09 DM	\$ 550,000
<b>TOTAL BUDGETED FUNDING</b>	<b>\$ 550,000</b>

\*Does not include Furniture, Fixtures and Equipment.