



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

April 15, 2008

TO: Members of the Board of Trustees

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

Lorraine M. Aronson *LMA*
Vice President and Chief Financial Officer

SUBJECT: **Project Budget (Revised Final) for East Campus Steam and
Condensate Piping Replacement at the Avery Point Campus**

RECOMMENDATION:

That the Board of Trustees approve a Revised Final Budget in the amount of \$2,085,000 for the replacement of the east campus steam and condensate piping at the Avery Point Campus.

BACKGROUND:

Heat for most buildings at the Avery Point Campus is supplied by steam from the on-site central utility plant. Steam is distributed via an underground network of steam supply and condensate return pipe lines. The buried piping has been subject to salt water corrosion due to the proximity to Long Island Sound.

One section of the supply and return piping was found to be severely corroded and needed replacing. After initial analysis and design recommendations by the consulting engineer, that informed the Design Budget, the University accepted a recommendation that the entire length of the supply and return lines be replaced. The added project scope was reflected in the Final Budget approved February 27, 2008. The revised project scope of work has been competitively bid with prices received April 7, 2008. The increased project cost represented a change (upgrade) in material specifications and installation. Approval of the Revised Final Budget will allow the University to award the project and schedule work for summer 2008.

This 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

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED FINAL

PROJECT NAME: EAST CAMPUS STEAM AND CONDENSATE PIPING REPLACEMENT AT THE AVERY POINT CAMPUS

<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/26/2006</u>	<u>APPROVED DESIGN 4/10/2007</u>	<u>APPROVED REVISED DESIGN 8/1/2007</u>	<u>APPROVED FINAL 2/27/2008</u>	<u>PROPOSED REVISED FINAL 4/15/208</u>
CONSTRUCTION	\$ 650,000	\$ 650,000	\$ 1,225,000	\$ 1,225,000	\$ 1,695,000
DESIGN SERVICES	25,000	25,000	100,000	100,000	115,000
TELECOMMUNICATIONS	-	-	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-	-	-
CONSTRUCTION ADMINISTRATION	-	-	-	35,000	32,000
OTHER AE SERVICES (including Project Management)	-	25,000	50,000	50,000	67,550
ART	-	-	-	-	-
RELOCATION	-	-	-	-	-
ENVIRONMENTAL	-	-	-	-	-
INSURANCE AND LEGAL	-	2,000	2,000	2,000	1,000
MISCELLANEOUS	-	25,275	45,000	45,000	14,000
OTHER SOFT COSTS*	52,275	-	-	-	-
SUBTOTAL	\$ 727,275	\$ 727,275	\$ 1,422,000	\$ 1,457,000	\$ 1,924,550
PROJECT CONTINGENCY	72,725	72,725	178,000	143,000	160,450
TOTAL BUDGETED EXPENDITURES	\$ 800,000	\$ 800,000	\$ 1,600,000	\$ 1,600,000	\$ 2,085,000
<u>SOURCE(S) OF FUNDING</u>					
UCONN 2000 PHASE III - FY07 DM	\$ 800,000	\$ 800,000	\$ 125,000	\$ 125,000	\$ 125,000
UCONN 2000 PHASE III - FY08 DM	-	-	1,475,000	1,475,000	1,960,000
TOTAL BUDGETED FUNDING	\$ 800,000	\$ 800,000	\$ 1,600,000	\$ 1,600,000	\$ 2,085,000

*Does not include Furniture, Fixtures and Equipment.



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

February 27, 2008

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 (Final) for East Campus Steam and
Condensate Piping Replacement at the Avery Point Campus**

RECOMMENDATION:

That the Board of Trustees approve a Final Budget in the amount of \$1,600,000 for the replacement of the east campus steam and condensate piping at the Avery Point Campus.

BACKGROUND:

Heat for most buildings at the Avery Point Campus is supplied by steam from the on-site central utility plant. Steam is distributed via an underground network of steam supply and condensate return lines. The buried piping is subject to salt water corrosion due to the proximity to Long Island Sound.

One section of the supply and return piping was found to be severely corroded and needed replacing. The design has been completed and the project is out to bid. Approval of the Final Budget will allow the University to award the project as soon as possible after the bids are received.

This 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

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: FINAL

PROJECT NAME: EAST CAMPUS STEAM AND CONDENSATE PIPING REPLACEMENT AT THE AVERY POINT CAMPUS

<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/26/2006</u>	<u>APPROVED DESIGN 4/10/2007</u>	<u>APPROVED REVISED DESIGN 8/1/2007</u>	<u>PROPOSED FINAL 2/27/2008</u>
CONSTRUCTION	\$ 650,000	\$ 650,000	\$ 1,225,000	\$ 1,225,000
DESIGN SERVICES	25,000	25,000	100,000	100,000
TELECOMMUNICATIONS	-	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-	-
CONSTRUCTION ADMINISTRATION	-	-	-	35,000
OTHER AE SERVICES (including Project Management)	-	25,000	50,000	50,000
ART	-	-	-	-
RELOCATION	-	-	-	-
ENVIRONMENTAL	-	-	-	-
INSURANCE AND LEGAL	-	2,000	2,000	2,000
MISCELLANEOUS	-	25,275	45,000	45,000
OTHER SOFT COSTS*	52,275			
SUBTOTAL	\$ 727,275	\$ 727,275	\$ 1,422,000	\$ 1,457,000
PROJECT CONTINGENCY	72,725	72,725	178,000	143,000
TOTAL BUDGETED EXPENDITURES	\$ 800,000	\$ 800,000	\$ 1,600,000	\$ 1,600,000
<u>SOURCE(S) OF FUNDING</u>				
UCONN 2000 PHASE III - FY07 DM	\$ 800,000	\$ 800,000	\$ 125,000	\$ 125,000
UCONN 2000 PHASE III - FY08 DM	-	-	1,475,000	1,475,000
TOTAL BUDGETED FUNDING	\$ 800,000	\$ 800,000	\$ 1,600,000	\$ 1,600,000

*Does not include Furniture, Fixtures and Equipment.

BOT 2/27/08

901198



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

August 1, 2007

TO: Members of the Board of Trustees

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

Lorraine M. Aronson
Vice President and Chief Financial Officer

SUBJECT: **Project Budget (Revised Design) for East Campus Steam and
Condensate Piping Replacement at the Avery Point Campus**

RECOMMENDATION:

That the Board of Trustees approve a Revised Design Budget in the amount of \$1,600,000 for the replacement of the east campus steam and condensate piping at the Avery Point Campus.

BACKGROUND:

Heat for most buildings at the Avery Point Campus is supplied by steam from the on-site central utility plant. Steam is distributed via an underground network of steam supply and condensate return lines. The buried piping is subject to salt water corrosion due to the proximity to Long Island Sound.

One section of the supply and return piping was found to be severely corroded and needed replacing. As the mechanical engineers refined the design it was determined that additional funding would be needed to complete the full scope of the project. This revision results in an increase of \$800,000.

This Revised Design 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

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: REVISED DESIGN

**PROJECT NAME: EAST CAMPUS STEAM AND CONDENSATE PIPING REPLACEMENT AT THE
AVERY POINT CAMPUS**

<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/26/2006</u>	<u>APPROVED DESIGN 4/10/2007</u>	<u>PROPOSED REVISED DESIGN 8/1/2007</u>
CONSTRUCTION	\$ 650,000	\$ 650,000	\$ 1,225,000
DESIGN SERVICES	25,000	25,000	100,000
TELECOMMUNICATIONS	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-
CONSTRUCTION ADMINISTRATION	-	-	-
OTHER AE SERVICES (including Project Management)	-	25,000	50,000
ART	-	-	-
RELOCATION	-	-	-
ENVIRONMENTAL	-	-	-
INSURANCE AND LEGAL	-	2,000	2,000
MISCELLANEOUS	-	25,275	45,000
OTHER SOFT COSTS*	<u>52,275</u>		
SUBTOTAL	\$ 727,275	\$ 727,275	\$ 1,422,000
PROJECT CONTINGENCY	<u>72,725</u>	<u>72,725</u>	<u>178,000</u>
TOTAL BUDGETED EXPENDITURES	<u>\$ 800,000</u>	<u>\$ 800,000</u>	<u>\$ 1,600,000</u>
<u>SOURCE(S) OF FUNDING</u>			
UCONN 2000 PHASE III - FY07 DM	\$ 800,000	\$ 800,000	\$ 125,000
UCONN 2000 PHASE III - FY08 DM	<u>-</u>	<u>-</u>	<u>1,475,000</u>
TOTAL BUDGETED FUNDING	<u>\$ 800,000</u>	<u>\$ 800,000</u>	<u>\$ 1,600,000</u>

*Does not include Furniture, Fixtures and Equipment.

BOT 8/1/07
901198



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

April 10, 2007

TO: Members of the Board of Trustees

FROM: Barry M. Feldman, Ph.D.
Vice President and Chief Operating Officer
Lorraine M. Aronson
Vice President and Chief Financial Officer

SUBJECT: **Project Budget (Design) for East Campus Steam and
Condensate Piping Replacement at the Avery Point Campus**

RECOMMENDATION:

That the Board of Trustees approve a Design Budget in the amount of \$800,000 for the replacement of the east campus steam and condensate piping at the Avery Point Campus.

BACKGROUND:

Heat for most buildings at the Avery Point Campus is supplied by steam from the on-site central utility plant. Steam is distributed via an underground network of steam supply and condensate return lines.

Campus maintenance staff have determined one section of supply and return piping to be severely corroded and in need of replacement. The purpose of this project is to replace this deteriorated section of pipe prior to failure.

This Design 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

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: DESIGN

**PROJECT NAME: EAST CAMPUS STEAM AND CONDENSATE PIPING REPLACEMENT AT THE
AVERY POINT CAMPUS**

<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/26/2006</u>	<u>PROPOSED DESIGN 4/10/2007</u>
CONSTRUCTION	\$ 650,000	\$ 650,000
DESIGN SERVICES	25,000	25,000
TELECOMMUNICATIONS	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-
CONSTRUCTION ADMINISTRATION	-	-
OTHER AE SERVICES (including Project Management)	-	25,000
ART	-	-
RELOCATION	-	-
ENVIRONMENTAL	-	-
INSURANCE AND LEGAL	-	-
MISCELLANEOUS	-	2,000
OTHER SOFT COSTS*	52,275	25,275
SUBTOTAL	\$ 727,275	\$ 727,275
PROJECT CONTINGENCY	72,725	72,725
TOTAL BUDGETED EXPENDITURES	\$ 800,000	\$ 800,000
<u>SOURCE(S) OF FUNDING</u>		
UCONN 2000 PHASE III - FY07 DM	\$ 800,000	\$ 800,000
TOTAL BUDGETED FUNDING	\$ 800,000	\$ 800,000

*Does not include Furniture, Fixtures and Equipment.

BOT 4/10/07
UBI901198



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

Barry M. Feldman, Ph.D.
*Interim Vice President/
Chief Operating Officer*

September 26, 2006

TO: Members of the Board of Trustees

FROM: Barry M. Feldman, Ph.D.
Interim Vice President and Chief Operating Officer
Lorraine M. Aronson
Vice President and Chief Financial Officer

SUBJECT: **Approval of Project Budget (Planning) for East Campus Steam and Condensate Piping Replacement at the Avery Point Campus**

RECOMMENDATION:

That the Board of Trustees approve a Planning Budget in the amount of \$800,000 for the replacement of the east campus steam and condensate piping at the Avery Point Campus.

BACKGROUND:

Heat for most buildings at the Avery Point Campus is supplied by steam from the on-site central utility plant. Steam is distributed via an underground network of steam supply and condensate return lines.

Campus maintenance staff have determined one section of supply and return piping to be severely corroded and in need of replacement. The purpose of this project is to replace this deteriorated section of pipe prior to failure.

This Planning 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

e-mail: Barry.Feldman@uconn.edu

PROJECT BUDGET REPORTING FORM

TYPE BUDGET: PLANNING BUDGET

**PROJECT NAME: EAST CAMPUS STEAM AND CONDENSATE PIPING
REPLACEMENT AT THE AVERY POINT CAMPUS**

BUDGETED EXPENDITURES

CONSTRUCTION	\$	650,000
DESIGN		25,000
OTHER SOFT COSTS*		<u>52,275</u>
SUBTOTAL	\$	727,275
PROJECT CONTINGENCY		<u>72,725</u>
TOTAL BUDGETED EXPENDITURES	\$	<u>800,000</u>

SOURCE(S) OF FUNDING

UCONN 2000 PHASE III - FY07 DM	\$	<u>800,000</u>
TOTAL BUDGETED FUNDING	\$	<u>800,000</u>

*Does not include Furniture, Fixtures and Equipment.