



August 1, 2018

TO: Members of the Board of Trustees

FROM: Scott A. Jordan *SAJ*  
Executive Vice President for Administration and Chief Financial Officer

Craig H. Kennedy *CHK*  
Provost and Executive Vice President for Academic Affairs

RE: Project Budget for Northwest Science Quad Infrastructure Phase I  
(Revised Final: \$20,750,000)

RECOMMENDATION:

That the Board of Trustees approve the Revised Final Budget of \$20,750,000 for the Northwest Science Quad Infrastructure Phase I, for Construction. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

“Be it resolved that the Board of Trustees approve the use of \$20,750,000 in UCONN 2000 Bond funds for Northwest Science Quad Infrastructure Phase I.”

BACKGROUND:

The University retained a consultant who prepared a utility feasibility study to determine the planned upgrades required for the Northwest Science Quad at the Storrs campus. This project is for the design and construction of an extension of the north utility tunnel and utilities necessary to support the planned upgrades. Phase 1 of the tunnel is coordinated with the Gant Building renovations, which will be serviced via this tunnel.

Program Elements: The project will extend the existing north utility tunnel and necessary utilities to service the Gant complex in Phase 1 and will be further extended in a future phase to support construction of the utilities necessary for the Northwest Science Quad complex. The utilities include steam, chilled water, potable water, reclaimed water, power and emergency power, teledata, and fire protection.

The Northwest Science Quad Infrastructure Phase I is currently in Construction and is approximately 90 percent complete. During the course of construction of the tunnel, a significant foundation deficiency was observed in the adjacent United Technologies Engineering Building.

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It was determined that the deficiency needed to be corrected in order for the project to proceed and the University proceeded with the design and construction repairs, the cost of which necessitates the increase in the project budget.

The Revised Final Budget is based upon actual and projected construction costs prepared by the construction manager.

The Revised Final Budget is attached for your information.

**Attachment**

## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: REVISED FINAL**


**PROJECT NAME: NORTHWEST SCIENCE QUAD INFRASTRUCTURE - PHASE 1**

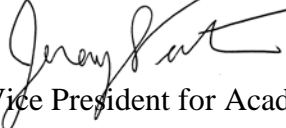
<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/29/2016</u>	<u>APPROVED DESIGN 2/22/2017</u>	<u>APPROVED FINAL 4/26/2017</u>	<u>PROPOSED REVISED FINAL 8/1/2018</u>
CONSTRUCTION	\$ -	\$ 14,065,000	\$ 14,065,000	\$ 14,815,000
DESIGN SERVICES	800,000	800,000	800,000	800,000
TELECOMMUNICATIONS	-	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-	-
CONSTRUCTION ADMINISTRATION	-	500,000	500,000	500,000
OTHER AE SERVICES (including Project Management)	100,000	705,000	705,000	705,000
ART	-	-	-	-
RELOCATION	-	-	-	-
ENVIRONMENTAL	-	575,000	575,000	575,000
INSURANCE AND LEGAL	-	5,000	5,000	5,000
MISCELLANEOUS	-	150,000	150,000	150,000
OTHER SOFT COSTS	-	-	-	-
<b>SUBTOTAL</b>	<b>\$ 900,000</b>	<b>\$ 16,800,000</b>	<b>\$ 16,800,000</b>	<b>\$ 17,550,000</b>
PROJECT CONTINGENCY	100,000	3,200,000	3,200,000	3,200,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b>\$ 1,000,000</b>	<b>\$ 20,000,000</b>	<b>\$ 20,000,000</b>	<b>\$ 20,750,000</b>
<b><u>SOURCE(S) OF FUNDING</u></b>				
UCONN 2000 BOND FUNDS	\$ 1,000,000	\$ 20,000,000	\$ 20,000,000	\$ 20,750,000
<b>TOTAL BUDGETED FUNDING</b>	<b>\$ 1,000,000</b>	<b>\$ 20,000,000</b>	<b>\$ 20,000,000</b>	<b>\$ 20,750,000</b>



April 26, 2017

TO: Members of the Board of Trustees

FROM: Scott A. Jordan   
Executive Vice President for Administration and Chief Financial Officer

Jeremy Teitelbaum   
Interim Provost and Executive Vice President for Academic Affairs

RE: Project Budget for Northwest Science Quad Infrastructure Phase I  
(Final: \$20,000,000)

RECOMMENDATION:

That the Board of Trustees approve the Final Budget of \$20,000,000 for the Northwest Science Quad Infrastructure Phase I for Construction. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

“Be it resolved that the Board of Trustees approve the use of \$20,000,000 in UCONN 2000 bond funds for Northwest Science Quad Infrastructure Phase I.”

BACKGROUND:

The University has retained a consultant who is engaged in a utility feasibility study to determine the planned upgrades required for the Northwest Science Quad at the Storrs campus. This project is for the design and construction of an extension of the north utility tunnel and utilities necessary to support the planned upgrades. Phase 1 of the tunnel is coordinated with the Gant Building renovations, which would be serviced via this tunnel.

Program Elements: The project will extend the existing north utility tunnel and necessary utilities to service the Gant complex in Phase 1 and will be further extended in a future phase to support construction of the utilities necessary for the Northwest Science Quad complex. The utilities include steam, chilled water, potable water, reclaimed water, power and emergency power, teledata, and fire protection.

The Northwest Science Quad Infrastructure Phase I is currently in the Design phase and is being bid. The project bids are due in mid-April 2017 and University intends to proceed into

Construction after bids have been received and evaluated for conformance with the project scope and budget. Construction is anticipated to begin in May 2017 and be complete in March 2018.

The Final Phase Budget is based on estimates prepared by the Construction Manager and the Project Engineer based on Construction Documents. There is no change in budget from the previously submitted, Board approved resolution.

The Final Phase Budget is attached for your information.

Attachment

## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: FINAL**

**PROJECT NAME: NORTHWEST SCIENCE QUAD INFRASTRUCTURE - PHASE 1**


<u>BUDGETED EXPENDITURES</u>	<u>APPROVED PLANNING 9/29/2016</u>	<u>APPROVED DESIGN 2/22/2017</u>	<u>PROPOSED FINAL 4/26/2017</u>
CONSTRUCTION	\$ -	\$ 14,065,000	\$ 14,065,000
DESIGN SERVICES	800,000	800,000	800,000
TELECOMMUNICATIONS	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-
CONSTRUCTION ADMINISTRATION	-	500,000	500,000
OTHER AE SERVICES (including Project Management)	100,000	705,000	705,000
ART	-	-	-
RELOCATION	-	-	-
ENVIRONMENTAL	-	575,000	575,000
INSURANCE AND LEGAL	-	5,000	5,000
MISCELLANEOUS	-	150,000	150,000
OTHER SOFT COSTS	-	-	-
<b>SUBTOTAL</b>	<b>\$ 900,000</b>	<b>\$ 16,800,000</b>	<b>\$ 16,800,000</b>
PROJECT CONTINGENCY	100,000	3,200,000	3,200,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b><u>\$ 1,000,000</u></b>	<b><u>\$ 20,000,000</u></b>	<b><u>\$ 20,000,000</u></b>
<b><u>SOURCE(S) OF FUNDING</u></b>			
UCONN 2000 BOND FUNDS	\$ 1,000,000	\$ 20,000,000	\$ 20,000,000
<b>TOTAL BUDGETED FUNDING</b>	<b><u>\$ 1,000,000</u></b>	<b><u>\$ 20,000,000</u></b>	<b><u>\$ 20,000,000</u></b>




UNIVERSITY OF CONNECTICUT

February 22, 2017

TO: Members of the Board of Trustees

FROM: Scott A. Jordan   
Executive Vice President for Administration and Chief Financial Officer

Jeremy Teitelbaum   
Interim Provost and Executive Vice President for Academic Affairs

RE: Project Budget for Northwest Science Quad Infrastructure, Phase I  
(Design: \$20,000,000)

RECOMMENDATION:

That the Board of Trustees approve the Design Budget of \$20,000,000 for the Northwest Science Quad Infrastructure, Phase I for Design and Construction. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

“Be it resolved that the Board of Trustees approve the use of \$20,000,000 in UCONN 2000 General Obligation (GO) bonds for Northwest Science Quad Infrastructure, Phase I.”

BACKGROUND:

The University has retained a consultant who is engaged in a utility feasibility study to determine the planned upgrades required for the Northwest Science Quad at the Storrs campus. This project is for the design and construction of an extension of the north utility tunnel and utilities necessary to support the planned upgrades. Phase 1 of the tunnel is coordinated with the Gant Building renovations, which would be serviced via this tunnel.

Program Elements: The project will extend the existing north utility tunnel and necessary utilities to service the Gant complex in Phase 1 and will be further extended in a future phase to support construction of the utilities necessary for the Northwest Science Quad complex. The utilities include steam, chilled water, potable water, reclaimed water, power and emergency power, teledata, and fire protection.

The Northwest Science Quad Infrastructure, Phase I is currently in the Design Phase. Planning began in Summer of 2016 and the project will bid in Spring 2017. Construction is anticipated to be coordinated with the Gant Phase 1 renovations and is anticipated to begin in Spring 2017 and to be complete in March 2018.

The Design Phase Budget is based on conceptual estimates prepared by University Planning, Design, and Construction.

The anticipated total project budget for Phase 1 will be in the range of \$18,000,000 to \$20,000,000.

The Design Phase Budget is attached for your information.

Attachment

## CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: DESIGN**

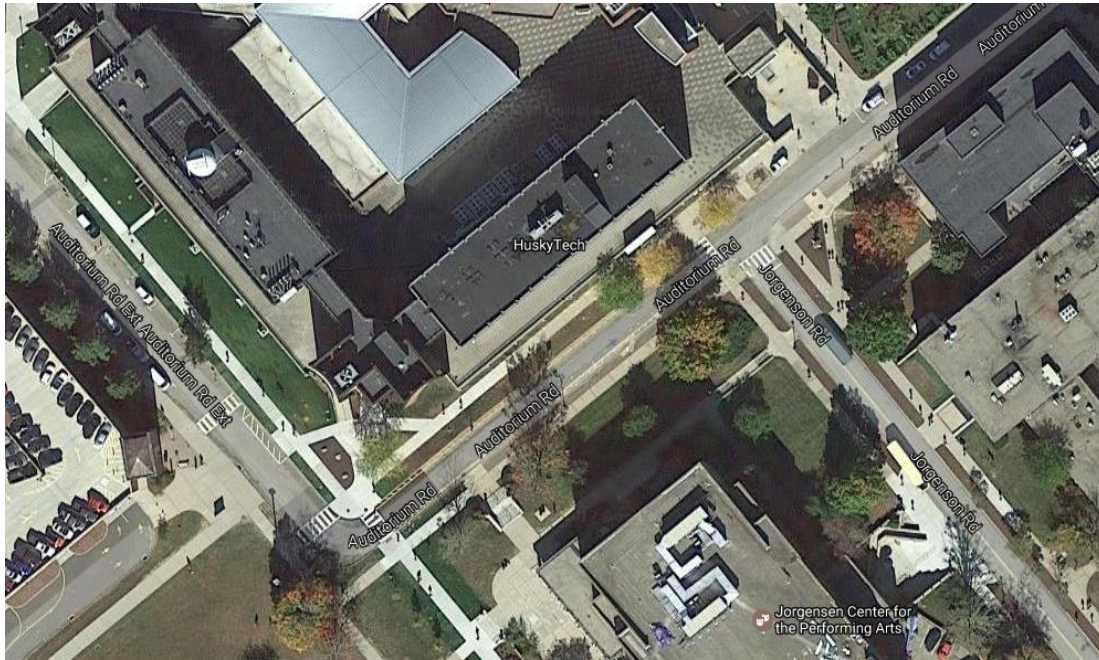
**PROJECT NAME: NORTHWEST SCIENCE QUAD INFRASTRUCTURE - PHASE 1**

<b><u>BUDGETED EXPENDITURES</u></b>	<b>APPROVED PLANNING 9/29/2016</b>	<b>PROPOSED DESIGN 2/22/2017</b>
CONSTRUCTION	\$ -	\$ 14,000,000
DESIGN SERVICES	800,000	800,000
TELECOMMUNICATIONS	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-
CONSTRUCTION ADMINISTRATION	-	500,000
OTHER AE SERVICES (including Project Management)	100,000	750,000
ART	-	-
RELOCATION	-	-
ENVIRONMENTAL	-	595,000
INSURANCE AND LEGAL	-	5,000
MISCELLANEOUS	-	150,000
OTHER SOFT COSTS	-	-
<b>SUBTOTAL</b>	<b>\$ 900,000</b>	<b>\$ 16,800,000</b>
PROJECT CONTINGENCY	100,000	3,200,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b>\$ 1,000,000</b>	<b>\$ 20,000,000</b>
<b><u>SOURCE(S) OF FUNDING</u></b>		
UCONN 2000 GO BONDS	\$ 1,000,000	\$ 20,000,000
<b>TOTAL BUDGETED FUNDING</b>	<b>\$ 1,000,000</b>	<b>\$ 20,000,000</b>

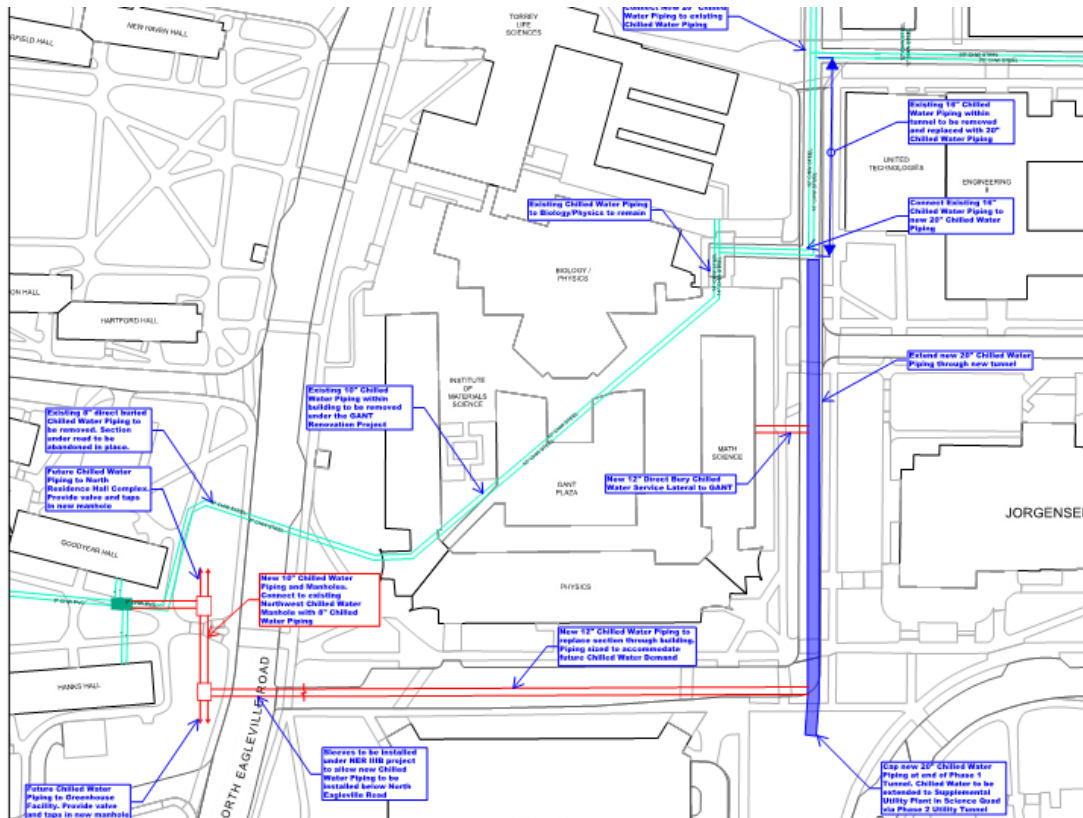
# NORTHWEST SCIENCE QUAD INFRASTRUCTURE PHASE I

## Project Budget (DESIGN)

### February 22, 2017




Phase 1 Utility Tunnel Extension (blue) on Auditorium Road between Jorgensen and Gant

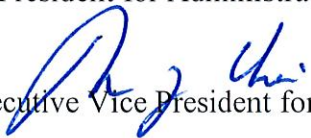




September 29, 2016

TO: Members of the Board of Trustees

FROM: Scott A. Jordan   
Executive Vice President for Administration and Chief Financial Officer

Mun Y. Choi   
Provost and Executive Vice President for Academic Affairs

RE: Project Budget for Northwest Science Quad Infrastructure, Phase I  
(Planning: \$1,000,000)

RECOMMENDATION:

That the Board of Trustees approve the Planning Budget of \$1,000,000 for the Northwest Science Quad Infrastructure, Phase I for Planning. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

“Be it resolved that the Board of Trustees approve the use of \$1,000,000 in UCONN 2000 GO bonds for Northwest Science Quad Infrastructure, Phase I.”

BACKGROUND:

The University has retained a consultant who is engaged in a utility feasibility study to determine the planned upgrades required for the Northwest Science Quad Infrastructure at the Storrs campus. This project is for the design and construction of an extension of the north utility tunnel and utilities necessary to support the planned upgrades. Phase 1 of the tunnel is coordinated with the Gant Building Renovations, which would be serviced via this tunnel.

The project will extend the existing north utility tunnel and necessary utilities to service the Gant complex and beyond in Phase 1 and will be extended further in a future phase to support construction of the utilities necessary for the Northwest Science Quad complex. The utilities include steam, chilled water, potable water, reclaimed water, power and emergency power, tele data and fire protection.

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The Northwest Science Quad Infrastructure, Phase I is currently in the Planning Phase. Planning began in Summer 2016 and the project will bid in Spring 2017. Construction is anticipated to be coordinated with the Gant Phase 1 Renovations, anticipated to begin in Spring 2017 and to be complete in Fall 2018.

The Planning Phase Budget is based on conceptual estimates prepared by University Planning, Design, and Construction.

The anticipated total project budget for Phase 1 will be in the range of \$18,000,000 to \$20,000,000.

The Planning Phase Budget is attached for your information.

Attachment

# CAPITAL PROJECT BUDGET REPORTING FORM

**TYPE BUDGET: PLANNING**

**PROJECT NAME: NORTHWEST SCIENCE QUAD INFRASTRUCTURE - PHASE 1**

<b><u>BUDGETED EXPENDITURES</u></b>	<b><u>PROPOSED PLANNING 9/29/2016</u></b>
CONSTRUCTION	\$ -
DESIGN SERVICES	800,000
TELECOMMUNICATIONS	-
FURNITURE, FIXTURES AND EQUIPMENT	-
CONSTRUCTION ADMINISTRATION	-
OTHER AE SERVICES (including Project Management)	100,000
ART	-
RELOCATION	-
ENVIRONMENTAL	-
INSURANCE AND LEGAL	-
MISCELLANEOUS	-
OTHER SOFT COSTS	-
<b>SUBTOTAL</b>	<b>\$ 900,000</b>
PROJECT CONTINGENCY	100,000
<b>TOTAL BUDGETED EXPENDITURES</b>	<b><u>\$ 1,000,000</u></b>
<b><u>SOURCE(S) OF FUNDING</u></b>	
UCONN 2000 GO BONDS	<u>\$ 1,000,000</u>
<b>TOTAL BUDGETED FUNDING</b>	<b><u>\$ 1,000,000</u></b>

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NORTHWEST SCIENCE QUAD INFRASTRUCTURE PROJECT,  
PHASE I  
Project Budget (PLANNING)  
SEPTEMBER 29, 2016

