UCONN
UNIVERSITY OF CONNECTICUT

Andrew Agwunobi, MD, MBA
Interim President, University of Connecticut
Chief Executive Officer, UConn Health

December 8, 2021

TO: Members of the Board of Trustees

FROM: Andrew Agwunobi, MD, MBA
Interim President | University of Connecticut
Chief Executive Officer | UConn Health

RE: Project Budget for Eversource Second Electrical Feed
(Design: $3,000,000)

RECOMMENDATION:

That the Board of Trustees approve the Design Budget of $3,000,000, as detailed in the attached project budget, for the Eversource Second Electrical Feed project, for the Design phase. 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 $3,000,000 in UCONN 2000 bond funds for the Eversource Second Electrical Feed project."

BACKGROUND:

The UConn Storrs campus receives electrical power from two sources: 1) the generation of power on campus at the Central Utility Plant by UConn owned and operated electrical generating turbines, and 2) the Utility provider's (Eversource) overhead power lines via a utility substation located west of the area "F" parking lot on the north side of North Eagleville Road.

The University's electrical demand at times exceeds the capacity of the on-campus generation system. Additionally, the campus-wide demand is projected to also exceed the capacity of the existing transformer infrastructure fed from the existing Eversource transmission circuit. Each of the sources was originally designed with the capacity to independently provide the entire campus electrical needs thus providing the University with the reliability and redundancy necessary should one or the other service be interrupted. Studies have shown that as the University continues to expand in accordance with its Master Plan, the electrical demand will increase to a point within the next five (5) years when both imported and campus-based production of electrical power will need to be increased.

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This project establishes a new connection to Eversource, terminating at a new 50-75 MVA transformer located on the exterior of the Supplemental Utility Plant (SUP) in the substation switchgear yard (Named UConn 38E, southeast of the SUP proper).

The Eversource Second Electrical Feed project is currently in the Planning phase with expected design completion in Spring 2023. Construction is anticipated to begin in Fall 2023 and be complete in 2025. The total project budget is anticipated to be in the range of $20,000,000 to $25,000,000.

The Design Phase Budget is attached for your information.

Attachments

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CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: **DESIGN**

PROJECT NAME: **EVERSOURCE SECOND ELECTRICAL FEED**

BUDGETED EXPENDITURES	**APPROVED PLANNING 2/21/2019**	**APPROVED REVISED PLANNING 3/12/2021**	**APPROVED REVISED PLANNING 8/20/2021**	**PROPOSED DESIGN 12/8/2021**
	PRC	PRC	PRC	
CONSTRUCTION	$ -	$ -	$ -	$ 300,000
DESIGN SERVICES	75,000	200,000	315,000	2,300,000
TELECOMMUNICATIONS	-	-	-	-
FURNITURE, FIXTURES AND EQUIPMENT	-	-	-	-
CONSTRUCTION ADMINISTRATION	-	-	-	-
OTHER AE SERVICES (including Project Management)	5,000	10,000	12,000	95,000
ART	-	-	-	-
RELOCATION	-	-	-	-
ENVIRONMENTAL	-	-	-	-
INSURANCE AND LEGAL	3,000	5,000	5,000	5,000
MISCELLANEOUS	-	-	-	-
OTHER SOFT COSTS	-	-	-	-
SUBTOTAL	$ 83,000	$ 215,000	$ 332,000	$ 2,700,000
PROJECT CONTINGENCY	12,000	35,000	38,000	300,000
TOTAL BUDGETED EXPENDITURES	$ 95,000	$ 250,000	$ 370,000	$ 3,000,000
SOURCE(S) OF FUNDING*				
UCONN 2000 BOND FUNDS	$ 95,000	$ 250,000	$ 370,000	$ 3,000,000
TOTAL BUDGETED FUNDING	$ 95,000	$ 250,000	$ 370,000	$ 3,000,000

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

EVESOURCE SECOND ELECTRICAL FEED
Project Budget (DESIGN)
DECEMBER 8, 2021