UCONN
UNIVERSITY OF CONNECTICUT

May 2, 2018

TO: Members of the Board of Trustees

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

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

RE: Project Budget for Athletic Facilities Storrs LED (SLED) Lighting Upgrade (Final: $1,377,772)

RECOMMENDATION:

That the Board of Trustees approve the Final Project Budget of $1,377,772 to upgrade the lighting and control system in Athletic Facilities at Storrs to NCAA Compliant energy efficient Light Emitting Diodes (LED) fixtures.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of $1,377,772 in University Funds for the Athletic Facilities Storrs LED (SLED) Lighting Upgrade, to allow project completion within the Eversource and CNG rebate and incentive fiscal cycle as a component of our Comprehensive Energy Strategy Partnership Memorandums of Understanding."

BACKGROUND:

Technological advances in lighting and lighting control systems have significantly reduced energy consumption and maintenance requirements since the construction of many of the athletic facilities on the Storrs campus. These include the Burton Family Indoor Football Practice Facility, Outdoor Football Practice Field, Basketball Practice Facility, and the Natatorium. This project will supply and install high efficiency LED Lighting and wireless control systems to reduce lighting energy consumption by ~75%, and reduce operating and maintenance costs by ~80% due to long lamp life and 10-year warranty period. The control system will allow finer-grained fixture control and lighting level adjustment for practice, game, and video needs. This project will include complete procurement, installation, permitting, and other required aspects to deliver a fully functional NCAA Compliant lighting solution with wireless programmable control. This project does not include life safety or emergency egress lighting.

Office of the Executive Vice President for
Administration and Chief Financial Officer
Facilities Operations & Building Services
25 LEDOYT ROAD, UNIT 3252
STORRS, CT 06269-3252
www.uconn.edu

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This project will be funded by the UConn Renewable Energy Credit (REC) Fund account. The REC Fund is a revolving energy conservation account that reinvests proceeds from the economical operation of the Cogeneration Facility, Connecticut Conservation and Load Management Fund rebates, and utility incentives into next step energy conservation projects. This project is eligible for rebates and incentives up to 40% of installed costs from Eversource and Connecticut Natural Gas. The project will commence in July 2018 and is expected to be complete in March 2019.

This project is similar, although larger in scope, to the lighting upgrades conducted as a Continuous Energy Efficiency Improvement Initiative in more than 130 UConn buildings to date. These projects result in significant carbon footprint reductions, increase energy efficiency, decrease overall energy use, and reduce greenhouse gas emissions moving us toward UConn's goal of achieving carbon neutrality by the year 2050, per the American College & University Presidents' Climate Commitment (ACUPCC) agreement and UConn's Climate Action Plan.

This Final Budget is attached for your information.

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: FINAL

PROJECT NAME: **Athletic Facilities Storrs LED (SLED) Lighting Upgrade**

PROJECT NUMBER: **LM101817**

BUDGETED EXPENDITURES	**APPROVED DESIGN 10/18/2017**	**PROPOSED FINAL 5/2/2018**
	AVP FOBS	
CONSTRUCTION	$ -	$ 1,201,000
DESIGN SERVICES	15,000	15,000
TELECOMMUNICATIONS	3,000	3,000
FURNITURE, FIXTURES AND EQUIPMENT	-	-
CONSTRUCTION ADMINISTRATION	-	20,800
OTHER AE SERVICES (including Project Management)	12,720	12,720
ART	-	-
RELOCATION	-	-
ENVIRONMENTAL	-	-
INSURANCE AND LEGAL	-	-
MISCELLANEOUS	-	-
OTHER SOFT COSTS	-	-
SUBTOTAL	$ 30,720	$ 1,252,520
PROJECT CONTINGENCY	3,072	125,252
TOTAL BUDGETED EXPENDITURES	$ 33,792	$ 1,377,772
SOURCE(S) OF FUNDING		
RENEWABLE ENERGY FUND	$ 33,792	$ 1,377,772
TOTAL BUDGETED FUNDING	$ 33,792	$ 1,377,772

BOT 05.02.2018
Project FOBS LM101817