

AGENCY NAME:	SC Governor's School for the Arts and Humanities		
AGENCY CODE:	H640	SECTION:	1

FORM C – CAPITAL REQUEST

AGENCY PRIORITY	1
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Provide the Agency Priority Ranking from the Executive Summary.

TITLE	SCHSAH Chiller and Boiler Replacement
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Provide a brief, descriptive title for this request.

AMOUNT	\$415,000
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How much is requested for this project in FY 2020-21? This amount should correspond to the total for all funding sources on the Executive Summary.

CPIP PRIORITY	Priority 5 of 7 in CPIP Plan Year FY 2020-2021. This request was first included in SCGSAH CPIP in FY 2017.
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Identify the project's CPIP plan year and priority number, along with the first year in which the project was included in the agency's CPIP. If not included in the agency's CPIP, please provide an explanation. If the project involves a request for appropriated state funding, briefly describe the agency's contingency plan in the event that state funding is not made available in the amount requested.

OTHER APPROVALS	None
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What approvals have already been obtained? Are there additional approvals that must be secured in order for the project to succeed? (Institutional board, JBRC, SFAA, etc.)

LONG-TERM PLANNING AND SUSTAINABILITY	<p>No other funds have been invested in this project. No future capital or operating funds are anticipated after the new equipment is installed.</p> <p>The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Equipment Life Expectancy of the replacement equipment is expected to be 20 years.</p> <p>Key features and long term benefits expected from completion of the project are: lower energy bills, less maintenance, equipment reliability, and better comfort.</p>
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What other funds have already been invested in this project (source/type, amount, timeframe)? Will other capital and/or operating funds for this project be requested in the future? If so, how much, and in which fiscal years? Has a source for those funds been identified/secured? What is the agency's expectation with regard to additional annual costs or savings associated with this capital improvement? What source of funds will be impacted by those costs or savings? What is the expected useful life of the capital improvement?

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SUMMARY

The SCGSAH HVAC chiller reached its (ASHRAE) life expectancy of 20 years old in 2019 and is at the end of its useful life. This is the central chiller and boiler that supply cold and hot water to all the air handlers and fan coils (heat exchangers) in the campus. The chiller and boiler must be replaced at the end of its useful life to prevent campus-wide loss of HVAC.

The current system is being maintained by a series of repeated service calls and repairs.

Provide a summary of the project and explain why it is necessary. Please refer to the budget guidelines for appropriate questions and thoroughly answer all related items.