

All Agency Project Request

2011 - 2013 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	La Crosse	285-0E-0019	CENTER FOR THE ARTS

<u>Project No.</u>	13E1A	<u>Project Title</u>	Toland Theater Sound Sys Repl
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Project Intent

This project replaces the obsolete sound system in Toland Theatre with modern audio infrastructure to allow student instruction with equipment found in contemporary theaters.

Project Description

Project work includes completely replacing the 1970s audio system infrastructure (including microphones, speakers, audio electronic equipment, and associated wiring). The audio system installation will include a three speaker configuration (left-center-right) in the front of the theater with delay speakers located in the rear. Separate front stage speakers will provide audio fill to the first rows of the auditorium. Two new equipment racks will be installed in the control booth to house new amplifiers and processors needed to supply audio to the main theatre speaker system and ancillary speaker systems. A digital audio control console with integral recording software will allow all inputs and outputs to be delivered through a digital network. New back of house audio and video systems will be installed, and video support will be added to all dressing rooms, the makeup room, and the green room. Paging, program audio, and intercom will be provided in all backstage areas. A new lobby audio/video system will also be installed to provide paging, program audio, as well as video support. New audio/video wiring and input/output jack plates will be installed and new audio/video cable pathways will be provided as needed.

A new dedicated 208/120-volt electrical distribution panel and isolation transformer will be installed to supply the new audio equipment. A new circuit breaker will be installed in the building main distribution panel and a new feeder shall be routed to the new panel. A dedicated ground system will serve new audio equipment rack with connection to the ground bar at the building service entrance. New conduit will be installed to accommodate new electrical power system cabling.

Project Justification

A recent study (12F2R) identified many deficiencies including obsolete equipment, improper choice of replacement equipment, and inadequate support infrastructure. The condition of the equipment has deteriorated to the point that much of the audio system is not reliable and equipment must be rented for productions. Student instruction is hampered by the failing equipment and typically limited to the occasions when rental equipment is available. Due to the number of deficiencies, the study recommended replacement of the entire system. This theater is used for instruction and associated performances by theatre arts, set design, sound design, lighting design and music students.

A/E Consultant Requirements

Consultants should have specific expertise and experience in the design and coordination of high performance sound systems in a theater/performance setting. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

A/E Selection Required?

Commissioning

- Level 1
- Level 2

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<u>Project Budget</u>	<u>Funding Source</u>	<u>Total</u>
Construction Cost: \$440,000	GFSB - Facilities Maintenance & Renovation [Z060]	\$561,400
Haz Mats: \$0	PRSB - []	\$0
Construction Total: \$440,000	Agency/Institution Cash []	\$0
Contingency: 15% \$66,000	Gifts	\$0
A/E Design Fees: 8% \$35,200	Grants	\$0
DFD Mgmt Fees: 4% \$20,200	Building Trust Funds [BTF]	\$0
Equipment/Other: \$0	Other Funding Source	\$0
\$561,400		\$561,400

Project Schedule

SBC Approval: 06/2013
 A/E Selection: 07/2013
 Bid Opening: 03/2014
 Construction Start: 05/2014
 Substantial Completion: 09/2014
 Project Close Out: 12/2014

Project Contact

Contact Name: Scott Schumacher
 Email: <sschumacher@uwlax.edu>
 Telephone No.: (608) 785-8916 x

Project Scope Consideration Checklist

- | | <u>Y</u> | <u>N</u> |
|--|-------------------------------------|-------------------------------------|
| 1. Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction.

<i>All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the project an extension of another authorized project? If so, provide the project #... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are hazardous materials involved? If yes, what materials are involved and how will they be handled?

<i>Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is not available on Wisconsin's Asbestos & Lead Management System (WALMS) <http://walms.doa.state.wi.us/>.</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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7. Have you identified the WEPA designation of the project...Type I, Type II, or Type III?
Type III.
8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here.
9. Are there any other issues affecting the cost or status of this project?
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution.
Project work is seasonal. Preferred project work schedule should be limited to summer months if possible.
11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent?
Completion of this project will decrease operational maintenance costs.
12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s).
13. Are there potential energy or water usages reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <<http://www.focusonenergy.com>> or the local utility provider)? If yes, describe here.
14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here.