

# All Agency Project Request

2013 - 2015 Biennium

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<b><u>Agency</u></b>	<b><u>Institution</u></b>	<b><u>Building No.</u></b>	<b><u>Building Name</u></b>
University of Wisconsin	Green Bay	285-0D-2031	UNIVERSITY UNION

<b><u>Project No.</u></b>	13K1D	<b><u>Project Title</u></b>	UWGBY Univ Union Fire Alarm Repl
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## **Project Intent**

This project provides investigation and research, pre-design, and design services to replace the fire alarm system in the Student Union to improve smoke and heat detection, provide additional audio/visual alarm signals to meet ADA code, and improve maintenance. The fire alarm system will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

## **Project Description**

This project replaces the obsolete fire alarm system with a modern addressable system with voice annunciation. Pull stations, smoke and heat detectors, and audio-visual signal devices will be replaced to meet all current codes. Signal devices will be installed in all public areas to meet the latest ADA requirements. The building fire alarm panel will be connected to the central campus reporting system to report all trouble and alarm signals to the campus security office.

## **Project Justification**

The fire alarm system in this facility was installed in three phases as the building was expanded (103,863 GSF total). The original panel was installed in 1977 and additional modules were added in 1985 and 1993. The panel is obsolete and replacement parts are difficult to find, making maintenance very difficult. This panel and associated fire alarm devices must be replaced. Fire alarm system technology has been greatly improved since 1977, moving from mechanical pull stations and relay panels to dependable solid state panels. Modern fire alarm system methods reduce false fire alarms, are energy efficient, have internal power backup, and require little maintenance. The new system will provide greater security for the building when it is not occupied and will meet all ADA requirements.

## **A/E Consultant Requirements**

Consultants should have specific expertise and experience in the design and coordination of institutional construction and infrastructure (architectural, mechanical, electrical, plumbing) renovations and fire alarm system design and renovations as part of a design team. 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.

The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

A/E Selection Required?

## **Commissioning**

- Level 1  
 Level 2

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<b><u>Project Budget</u></b>	<b><u>Funding Source</u></b>	<b><u>Total</u></b>
Construction Cost:	GFSB - <input type="checkbox"/>	\$0
Haz Mats:	PRSB - <input type="checkbox"/>	\$0
Construction Total:	Agency/Institution Cash [AGF0]	\$23,500
Contingency: 15%	Gifts	\$0
A/E Design Fees: 8%	Grants	\$0
DFD Mgmt Fees: 4%	Building Trust Funds [BTF]	\$0
Equipment/Other:	Other Funding Source	\$0
<b>\$374,000</b>		<b>\$23,500</b>

## **Project Schedule**

SBC Approval: 10/2014  
 A/E Selection: 01/2014  
 Bid Opening: 02/2015  
 Construction Start: 05/2015  
 Substantial Completion: 08/2015  
 Project Close Out: 12/2015

## **Project Contact**

Contact Name: Jeffrey Schulz  
 Email: [schulzje@uwgby.edu](mailto:schulzje@uwgby.edu)  
 Telephone No.: (920) 465-2202 x

## **Project Scope Consideration Checklist**

- |                                                                                                                                                                                                                                                                                                                                                                                                  | <b><u>Y</u></b>                     | <b><u>N</u></b>                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| 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.<br><br><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?<br><br><i>Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is available on Wisconsin's Asbestos &amp; Lead Management System (WALMS) &lt;<a href="http://walms.doa.state.wi.us/">http://walms.doa.state.wi.us/</a>&gt;.</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 late spring, summer, and/or early fall 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?
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.