

# 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	Madison	285-0A-0404	WENDT LIBRARY, KURT F

<b><u>Project No.</u></b>	15C2S	<b><u>Project Title</u></b>	Wendt Library 3rd Flr Classroom Rmdl
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## **Project Intent**

This project provides investigation and research, pre-design, and design services to convert the third floor of Wendt Commons to general assignment classrooms. The third floor will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

## **Project Description**

Project work includes demolition of all third floor offices and construction of three sets of expandable classrooms with folding partitions and integral marker boards. Classroom furniture (similar to KI Activ8 tables) will include electrical power for 379 stations and the rooms will provide wireless telecommunications service. A single 49 station classroom, a 24-station computing laboratory, and a 12 person conference room will also be constructed. The restrooms will be expanded and renovated to increase capacity and meet current ADA accessibility standards. Telecommunications closet 321 will be reorganized and expanded as required and the wireless service will be upgraded and augmented as required for the additional load.

New electrical power and telecommunications outlets will be provided in multiple locations for wall-mounted monitors and instructor podium. The building electrical service is adequate for the anticipated increased load. This project will install a new electrical power riser and new distribution panel. The standard campus audio/video infrastructure will be installed, including overhead projection in the large classrooms. The fire alarm and smoke detection system and reporting capabilities will be upgraded. The stairways will be evaluated for compliance with current egress standards and the anticipated new occupancy load.

Building ventilation is provided by AHU-1 (northwest service area) and AHU-2 (southeast service area). This project will install a third dedicated air handling unit in a penthouse to serve the third floor. A new fire rated chase for ductwork risers will be constructed. New terminal units and controls will be installed.

The live load structural capacity of floors 2-4 is 150 pound per square foot. The third floor occupancy level is 500.

## **Project Justification**

The Facilities Master Plan for the College of Engineering (1311R) identified the urgent need of additional space for classrooms, laboratories, and faculty offices to support current and projected student enrollment and research activities. Relocating classrooms to Wendt Commons will provide needed surge space within Engineering campus for additional classroom/labs, research labs, and faculty offices. Many instructional spaces in Engineering Hall are too small and inflexible for modern teaching methods. Converting space in Wendt Commons to instructional space is consistent with the direction campus is pursuing in both downsizing its libraries and ensuring instructional spaces meet the needs of education innovations.

## **A/E Consultant Requirements**

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of large instructional spaces utilizing cutting edge technologies 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.

## **Commissioning**

- Level 1  
 Level 2

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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.

<b>Project Budget</b>	<b>Funding Source(s)</b>	<b>Total</b>
Construction Cost: Haz Mats: _____ Construction Total: _____ Contingency: 15% A/E Design Fees: 10% DFD Mgmt Fees: 4% Other: _____ <div style="text-align: right; border-top: 1px solid black; margin-top: 5px;"><b>\$2,530,000</b></div>	GFSB - <input type="checkbox"/> PRSB - <input type="checkbox"/> Agency/Institution Cash [AGF0] Gifts Grants Building Trust Funds [BTF] Other Funding Source	<div style="border-top: 1px solid black; margin-top: 5px;"><b>\$2,530,000</b></div>

### **Project Schedule**

SBC Approval: 10/2015  
 A/E Selection: 04/2015  
 Bid Opening: 02/2016  
 Construction Start: 04/2016  
 Substantial Completion: 08/2016  
 Project Close Out: 02/2017

### **Project Contact**

Contact Name: Cindy T. Statz  
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 Telephone: (608) 263-3088 x

### **Project Scope Consideration Checklist**

**Y N**

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. ☑   
*All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.*
2. Is the project an extension of another authorized project? If so, provide the project #... ☑   
*13I1R engineering facilities master plan.*
3. Are hazardous materials involved? If yes, what materials are involved and how will they be handled? ☑   
*Required hazardous materials abatement (pipe insulation on elbows, duct mastic requires verification) has been included in the estimated project schedule and project budget. Comprehensive building survey inventory data is not available on Wisconsin's Asbestos & Lead Management System (WALMS) <<http://walms.doa.state.wi.us/>>.*
4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? ☑   
*All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.*
5. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?  ☑

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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.
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.
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?    
*Operational costs will increase due to higher heat load and electrical consumption.*
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.