

# All Agency Project Request

## 2015-17 Biennium

<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 Commons
<b><u>Project No.</u></b>	15C2S	<b><u>Project Title</u></b>	Convert 3 <sup>rd</sup> Floor to Classrooms

### **Project Intent**

This project provides investigation and research, pre-design, design, and construction administration services to convert the 3<sup>rd</sup> 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 80-100 seat sub-dividable classrooms with folding partitions and integral marker boards. Classroom furniture (similar to KI Activ8 tables) will include electrical power for each seat. A single 49 seat classroom, a 24-station computing laboratory, and two 12-person conference rooms 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 for the additional load. Provide twenty-four AP for wireless telecommunications service.

New electrical power and telecommunications outlets will be provided in multiple locations in each classroom for wall-mounted monitors and instructor podiums. 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 campus standard audio/video infrastructure will be installed, including overhead projection and instructor stations, totaling eight AV packages. A Siemen MXLV Intelligent system provides fire detection and reporting. 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 the 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 pounds per square foot. The new occupancy load of third floor 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 would provide needed surge space within Engineering campus for additional classroom/labs, research labs, and faculty offices. Many existing instructional spaces in Engineering Hall are too small and too inflexible for today's 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.

### **Consultant Requirements**

# All Agency Project Request

## 2015-17 Biennium

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.

A consultant has been previously selected and approved for this project.

### Project Budget

Construction Cost:		\$	
Haz Mats:		\$	
Total Construction:		\$	
Contingency:	15 %	\$	
A/E Design Fees:	9.5 %	\$	
DFD Mgmt Fees:	4 %	\$	
Equipment/Other:		\$	
		\$	<b>2,530,000</b>

### Funding Source

GFSB –	\$	0
PRSB –	\$	0
PR Cash – College of Engineering	\$	<b>2,530,000</b>
Gifts	\$	0
Grants	\$	0
BTF – Planning	\$	0
Other -	\$	0
	\$	<b>2,530,000</b>

### Project Schedule

SBC Approval: 09/2015  
 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 Statz  
 Email: [cstatz@fpm.wisc.edu](mailto:cstatz@fpm.wisc.edu)  
 Telephone: 608-263-3088

### 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.<br><br>All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities. | <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>Pipe insulation on elbows is ACM. Mastic on duct insulation would need to be verified. Abatement would be completed by DOA asbestos abatement contractor.                                       | <input checked="" type="checkbox"/> | <input 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"/> |

**All Agency Project Request**  
2015-17 Biennium

5. Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?
- Brief shutdown will be required to energize the new electrical distribution panel.
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, TypeIII? 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 other studies, testing or investigations required to confirm the scope or existing conditions? If yes, describe here.
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed resolution.
- Proceed as soon as 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?
- Operational costs would increase due to the 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 work.
13. Are there potential energy or water usage 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 an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here.