All Agency Project Request

2013 - 2015 Biennium

Agency	Institution	Building No.	Building Name
University of Wisconsin	Milwaukee	285-0B-1901	GLRF - MAIN BUILDING

Project No. 14B2Q

Project Title GLRF Aquaculture Development

Project Intent

This project renovates ~5,000 SF of underutilized space in the Great Lakes Research Facility (GLRF) to create a flexible aquaculture training and research laboratory.

Project Description

Project work includes constructing a new partition wall enclosure for the project area and extending mechanical, electrical, and plumbing services into the project area. The new partition walls will be constructed to the structure above, which is ~25 feet above the finished floor, and a new suspended acoustical ceiling tile system will be installed. The project area will be served by a new dedicated HVAC system. Electric power service and outlets, telecommunications service and outlets, lighting fixtures and controls, domestic water service, and sanitary sewer lines will be extended into and distributed throughout the new laboratory.

Project Justification

The School of Freshwater Sciences (SFS), in conjunction with UW-Whitewater and UW-Parkside, has been awarded a UW System Incentive Grant to support the commercialization of intensive aquaculture and aquaponics. This grant will facilitate the transfer of intellectual property and skills developed at the SFS to the nascent commercial intensive aquaculture industry with the goal of establishing a multi-million dollar industry. This project allows the program to be centered in a new flexible aquaculture training and research facility.

A/E Consultant Requirements

☑ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of wet laboratory 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.

Commissioning

- ☑ Level 1
- ☐ Level 2

Project Budget

Construction Cost:		$551,000
Haz Mats:		$0
Construction Total:		$551,000
Contingency:	15%	$82,600
A/E Design Fees:	8%	$44,100
DFD Mgmt Fees:	4%	$25,300
Equipment/Other:		$0
		$703,000

Funding Source(s)

Funding Source(s)	Total
GFSB - []	$0
PRSB - []	$0
Agency/Institution Cash []	$0
Gifts	$0
Grants	$703,000
Building Trust Funds [BTF]	$0
Other Funding Source	$0
	$703,000

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Project Schedule

SBC Approval:	04/2014
A/E Selection:	05/2014
Bid Opening:	11/2014
Construction Start:	01/2015
Substantial Completion:	06/2015
Project Close Out:	09/2015

Project Contact

Contact Name:	Kurt Young Binter
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Telephone:	(414) 229-2361 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 #...	☐	☑
3.	Are hazardous materials involved? If yes, what materials are involved and how will they be handled? *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/>.*	☐	☑
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?	☐	☑
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? ☑ ☐

    This project creates 5,000 SF of additional occupied space. Operational cost impacts are anticipated to be minor.

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. ☐ ☑