

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Parkside	285-0G-3044	S&AC - Sports & Activity Center

<u>Project No.</u>	14F3L	<u>Project Title</u>	Sports & Activity Ctr Pool Repr
---------------------------	-------	-----------------------------	---------------------------------

Project Intent

This project provides investigation and research, pre-design, and design services to replace and renovate the natatorium infrastructure and pool equipment. The natatorium and pool equipment will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes replacement and upgrades to the pool circulation equipment, repairs and replacement of the pool structure and deck, and repair and replacement of the natatorium and pool doors and frames and finishes.

POOL CIRCULATION EQUIPMENT: This project replaces the vacuum diatomaceous earth filter with a new perlite/diamtomaceous earth filter, circulation pump, and pool chemical controller. This project installs a new variable frequency drive circulation pump control, chlorine pump and associated piping, carbon dioxide controls and associated piping, modulating valve for the main drain, surge tank high and low alarm points, and pool temperature monitor.

POOL STRUCTURE AND DECK: This project removes the basement level pool windows, cleans the pool basin, repaints the pool stripes, and recaulks the deck at the stainless steel gutter system. The pool walls will be repaired in approximately 30 locations at the stainless steel gutter system where rust has appeared, repairs the insulation and piping at the roof drains on the west side of the pool, and repairs damage from the pool cleaner at the northeast corner.

NATATORIUM: This project replaces both men's and women's locker room pool entrance doors and frames, doors and frames at the southwest corridor exit, and main pool entrance doors. Deck tile will be replaced or repaired as necessary, the interior walls will be repainted, and the diving stand will be repainted. This project will also provide minor repairs to the HVAC system, ventilation system balancing, and increase airflow if determined necessary.

Project Justification

The pool equipment is obsolete, in disrepair, and has exceeded its useful life. The diatomaceous earth filter system is costly to maintain, has not performed well, and is inefficient. The chlorine pump has been repaired numerous times but is difficult to control, resulting in significant variances in the chlorine levels present in the pool and periodic shutdowns to temper the chemical levels. The natatorium doors and frames have rusted beyond repair and require replacement. The main entrance storefront doors have failed to secure the space on multiple occasions, creating a safety and liability issue. The pool stripes failed approximately six months after their last application (09C2D). The pool caulking has failed and requires replacement. Humidity problems were previously corrected in a previous ventilation project (07H3R), but the system now requires balancing an potentially increase airflow.

A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of natatorium infrastructure and pool equipment replacement 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

Commissioning

- Level 1
- Level 2

All Agency Project Request

2013 - 2015 Biennium

the university seeking authority to construct from the Board of Regents and State Building Commission.

<u>Project Budget</u>	<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost: Haz Mats: _____ Construction Total: Contingency: 15% A/E Design Fees: 8% DFD Mgmt Fees: 4% Equipment/Other: _____ <div style="text-align: right; margin-top: 10px;">\$438,000</div>	GFSB - Facilities Maintenance & Renovation [Z060] PRSB - <input type="checkbox"/> Agency/Institution Cash [AGF0] Gifts Grants Building Trust Funds [BTF] Other Funding Source	_____

Project Schedule

SBC Approval: 01/2014
 A/E Selection: 10/2014
 Bid Opening: 09/2015
 Construction Start: 12/2015
 Substantial Completion: 03/2016
 Project Close Out: 05/2016

Project Contact

Contact Name: Donald A. Kolbe
 Email: <donald.kolbe@uwp.edu>
 Telephone: (262) 595-2232 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?
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.

All Agency Project Request

2013 - 2015 Biennium

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, preliminary schedule for pool shutdown is anticipated to be early December 2015 to late February 2016
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.