

All Agency Project Request

2009 - 2011 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Whitewater	285-0N-0014B	WILLIAMS CENTER ADDN-2
<u>Project No.</u>	10J2R	<u>Project Title</u>	Williams Ctr FH Floor Repl

Project Intent

This project resurfaces 58,719 SF of synthetic athletic flooring to correct original installation discrepancies, address surface wear conditions, and improve flooring performance.

Project Description

Project work includes grinding off 3-5mm of existing flooring surface (full pour polyurethane system, ISS 1000), preparing the surface for an additional 5-8mm lift of new material for a finished flooring thickness of 15mm throughout, repairing cracks in the existing surface, smoothing surfaces, replacing or adjusting heights of floor mounted hardware standards for the new flooring thickness, and applying new court markings for the variety of sports courts and activities.

Sports markings to be replicated on the new multi-purpose surface include four (4) basketball courts, four (4) tennis courts, four (4) volleyball courts, six (6) 200-meter running track lanes with eight (8) straight-a-way lanes, two (2) runways with sand pits for long jump and triple jump, one (1) runway with pole vault plant box, one (1) high jump area, and one (1) weight throwing area with vector lines. The running track and runways will be textured and purple colored and the interior surfaces and courts will be smooth and light gray and dark gray colored. All flooring surfaces will be -inch spike proof at a minimum.

Project Justification

The Williams Center - Kachel Fieldhouse Addition (111,474 GSF) was constructed in 1999 and the flooring is original to the facility. The fieldhouse is used for academic instruction, athletics, and recreation. The flooring was designed to be 13mm thick, but due to a combination of wear and original installation discrepancies, the flooring is only 10mm thick in several areas. The flooring has lost its resilience even in the full 13mm areas, resulting in numerous injuries to student athletes. Poured urethane floors have a typical useful life of 8-10 years before significant capital reinvestment is required. This type of flooring was selected since full replacement is not required for 30-40 years, and can be renewed to original performance standards every 8-10 years.

The running track lane 1 has worn through the wearing course down to the force reduction layer throughout, and the starting block areas of the eight (8) straight-a-way lanes and the staggered starting block areas of the six (6) running lanes have worn through to the force reduction layer as well. All track runways have worn through and all sports markings have faded or been worn off. The interior court areas have lost their resilience, and the sheen on the floor causes a glare, which makes it difficult to use the courts at certain times of the day.

A/E Consultant Requirements

Consultants should have specific expertise and experience in the design and coordination of indoor athletic and multi-purpose flooring systems 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/E Selection Required?

Commissioning

- Level 1
 Level 2

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Project Budget

Construction Cost:		\$711,500	
Haz Mats:		\$0	
Construction Total:		\$711,500	
Contingency:	15%	\$106,900	
A/E Design Fees:	8%	\$56,900	
DFD Mgmt Fees:	4%	\$32,700	
Equipment/Other:		\$0	
		\$908,000	

Funding Source

GFSB - Infrastructure [Z450]	\$771,800
PRSB - []	\$0
Agency/Institution Cash [AGF0]	\$136,200
Gifts	\$0
Grants	\$0
Building Trust Funds [BTF]	\$0
Other Funding Source	\$0
	\$908,000

Project Schedule

SBC Approval: 12/2010
 A/E Selection: 01/2011
 Bid Opening: 03/2012
 Construction Start: 05/2012
 Substantial Completion: 08/2012
 Project Close Out: 12/2012

Project Contact

Contact Name: David R. Dorgan, P.E.
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 Telephone No.: (262) 472-6729 x

Project Scope Consideration Checklist

- | | <u>Y</u> | <u>N</u> |
|---|-------------------------------------|-------------------------------------|
| 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. | <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?

Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is available on Wisconsin's Asbestos & Lead Management System (WALMS) < http://walms.doa.state.wi.us/ >. | <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 on the utility capacities supplying the building? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Will the project impact the heating plant or the primary electrical system supplying the campus or institution? If yes, to what extent? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Have you identified the WEPA designation of the project...Type I, Type II, or Type III?
Type III. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Is the project affected by historic status? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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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 will be limited to the summer session.