

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Platteville	285-OH-0012	KARRMANN LIBRARY

<u>Project No.</u>	15J1Q	<u>Project Title</u>	Karrmann Library Plaza Deck Repl
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Project Intent

This project provides investigation and research, pre-design, and design services to replace ~ 13,860 SF of concrete plaza deck and waterproofing system on the south side of the Karrmann Library and completes all other associated ancillary work to maintain the building envelope integrity and prevent damage to the building and its contents. The plaza deck area will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes removing and replacing all layers of the waterproofing system down to the structural concrete deck, concrete stairs, precast concrete coping units, area drains, and flashing and related components. The sloped and angled concrete stairs will be replaced with standard, code compliant construction.

Project Justification

Karrmann Library (105,540 GSF) was constructed in 1969 and the south side plaza deck was completely replaced in 1994 (Project No. 93986). The interior space under the plaza deck includes classrooms, instructional computing laboratories, a secondary data center, and archival and library storage. Water damage has occurred in these interior spaces and water intrusion and penetration is now prevalent throughout the deck area and it requires replacement. Attempts by Physical Plant staff to grout and caulk suspicious deck areas have failed to stop the water intrusion problems.

A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of concrete plaza decks and roofing systems, exterior building envelope renovation/restoration, and masonry construction within institutional environments as part of a design team. Work includes report of existing roofing conditions, site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents, drafting roof plans and details, 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 the university seeking authority to construct from the Board of Regents and State Building Commission.

Commissioning

- Level 1
 Level 2

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<u>Project Budget</u>	<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost: \$	GFSB - Facilities Maintenance & Renovation [Z060]	\$0
Haz Mats: \$	PRSB - []	\$0
Construction Total: \$	Agency/Institution Cash []	\$0
Contingency: 15% \$	Gifts	\$0
A/E Design Fees: 10% \$	Grants	\$0
DFD Mgmt Fees: 4% \$	Building Trust Funds [BTF]	\$122,000
Other: \$	Other Funding Source	\$0
\$1,579,000		\$122,000

Project Schedule

SBC Approval: 06/2016
 A/E Selection: 12/2015
 Bid Opening: 02/2017
 Construction Start: 05/2017
 Substantial Completion: 08/2017
 Project Close Out: 12/2017

Project Contact

Contact Name: Douglas W. Stephens
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 Telephone: (608) 342-1147 x

Project Scope Consideration Checklist

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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 #...
1413A provides scoping and budget estimate services.
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.
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.
7. Have you identified the WEPA designation of the project...Type I, Type II, or Type III?
Type III.

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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. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if 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?
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.