

# All Agency Project Request

2011 - 2013 Biennium

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<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-0048	VAN VLECK HALL, E B

<b><u>Project No.</u></b>	13E1D	<b><u>Project Title</u></b>	Van Vleck Plaza Deck Repl
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## **Project Intent**

This project provides investigation and research, pre-design, and design services to waterproof the concrete deck and complete all other associated ancillary work to maintain the building envelope integrity and prevent damage to the building and its contents. The concrete deck will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

## **Project Description**

The concrete deck on the Van Vleck Hall plaza is located over controlled academic space. Project work includes replacing ~19,000 SF of deck membrane and 56LF of expansion joint in the deck. All perimeter guard railings will be re-caulked and thresholds will be replaced at all door entrances. This project will repair any surface concrete delamination discovered during the construction and repair work.

## **Project Justification**

The concrete plaza deck sections are more than 25 years old. Recent site inspections by the Physical Plant staff and DFD determined these roof sections require replacement to address current leaking, weathered, worn, and/or damaged sections. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope. This deck area has a history of leaking into academic classrooms due to waterproofing membrane and expansion joint failures and has been repaired numerous times.

## **A/E Consultant Requirements**

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of flexible and rigid pavements, 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 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</u>	<u>Total</u>
Construction Cost: <span style="float: right;">\$355,000</span>	GFSB - <input type="checkbox"/>	\$0
Haz Mats: <span style="float: right;">\$0</span>	PRSB - <input type="checkbox"/>	\$0
Construction Total: <span style="float: right;">\$355,000</span>	Agency/Institution Cash <input type="checkbox"/>	\$0
Contingency: 15% <span style="float: right;">\$53,300</span>	Gifts	\$0
A/E Design Fees: 8% <span style="float: right;">\$28,400</span>	Grants	\$0
DFD Mgmt Fees: 4% <span style="float: right;">\$16,300</span>	Building Trust Funds [BTF]	\$28,400
Equipment/Other: <span style="float: right;">\$0</span>	Other Funding Source	\$0
<b>\$453,000</b>		<b>\$28,400</b>

## Project Schedule

SBC Approval: 01/2014  
 A/E Selection: 07/2013  
 Bid Opening: 03/2014  
 Construction Start: 05/2014  
 Substantial Completion: 08/2014  
 Project Close Out: 12/2014

## Project Contact

Contact Name: Matthew M. Collins  
 Email: <mcollins@fpm.wisc.edu>  
 Telephone No.: (608) 263-3031 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.<br><br><i>All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.</i>   | <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><i>Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is available on Wisconsin's Asbestos &amp; Lead Management System (WALMS) &lt;<a href="http://walms.doa.state.wi.us/">http://walms.doa.state.wi.us/</a>&gt;.</i> | <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 the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent?   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 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.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

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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.    
Van Vleck Hall is listed as eligible for the National Register of Historic Places and contributing to an historic district.
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.