

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Madison	285-0A-9950	Multi-Building
<u>Project No.</u>	13G1N	<u>Project Title</u>	Multi-Bldg Tile Roof Repr/Repl (Ag Hall/Nutritional Science/Water Science)

Project Intent

This project provides investigation and research, pre-design, and design services to repair or replace the tile roofs on Agricultural Hall (285-0A-0070), Water Science & Engineering (285-0A-0403) and Nutritional Science (285-0A-0449). The roof systems will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

The pre-design efforts shall determine construction scope and budget. The design consultant will complete a condition survey of each roof area and facilitate reviews and approvals of proposed scope by WI Historical Society and UW System/UW-Madison historical preservation officers. The project areas are listed below:

- Agricultural Hall: French tile roof area 5 (3,900 SF)
- Water Science & Engineering: French tile roof area 2 (3,900 SF)
- Nutritional Sciences:
 - Spanish tile roof areas 1 and 4 (5,265 SF)
 - BUR roof area 2 (725 SF)
 - Flat lock copper roof area 3 (320 SF)

Project Justification

The roof sections are approximately 40 years old. Recent site inspections by the Physical Plant staff and DFD determined these roof sections on these historic buildings require replacement to address current leaking, weathered, worn, and/or damaged sections. This project will extend the life of the roof sections and prevent moisture from penetrating the building envelope.

A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of roofing systems, exterior envelope renovation/restoration, and masonry construction on historic structures 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 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: \$594,400	GFSB - Facilities Maintenance & Renovation [Z060]	\$0
Haz Mats: \$0	PRSB - []	\$0
Construction Total: \$594,400	Agency/Institution Cash []	\$0
Contingency: 15% \$89,200	Gifts	\$0
A/E Design Fees: 8% \$47,600	Grants	\$0
DFD Mgmt Fees: 4% \$27,300	Building Trust Funds [BTF]	\$47,500
Equipment/Other: \$0	Other Funding Source	\$0
\$758,500		\$47,500

Project Schedule

SBC Approval: 03/2014
 A/E Selection: 09/2013
 Bid Opening: 03/2014
 Construction Start: 05/2014
 Substantial Completion: 10/2014
 Project Close Out: 06/2015

Project Contact

Contact Name: Chris Velie
 Email: <cvelie@fpm.wisc.edu>
 Telephone No.: (608) 263-3018 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.

<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?

<i>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/>.</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.
Agricultural Hall is listed on the National Register of Historic Places. Water Sciences is a contributing building within a listed Historic District (Bascom Hill Historic District). Nutritional Sciences has been determined to be potentially eligible for listing by the Wisconsin Historical Society.
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.