

All Agency Project Request

2011 - 2013 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Madison	285-0A-0451	SMI/BARDEEN LAB/MEDICAL SCIENCES

<u>Project No.</u>	12L1U	<u>Project Title</u>	Medical Sciences Parpaet Wall Repr
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Project Intent

This project provides pre-design and design services to repair the east facade brick parapet wall to correct movement along the shelf angle. The project area is located above the entrance to Lot 116, inner courtyard, to the northeast corner of the building (intersection of Charter Street and Linden Drive).

Project Description

Project work includes removing and rebuilding the east facade brick wall (140 LF by 7 VF and 15-inches deep) from the sixth floor shelf angle to the wall cap on the roof. Brick will be salvaged and reused as feasible. When the face brick is removed, the shelf angle will be assessed and replaced if necessary. The brick backup wall will be reconstructed and all capstones reset. New through wall flashing will be installed on the roof side where the roof and wall intersect.

Project Justification

The parapet wall has bowed significantly, opening masonry joints and posing a life safety hazard. The bow is approximately 4-1/2 inches out of plumb vertically. The archway to Lot 116 has been blocked to pedestrian and vehicular traffic. If left unattended, this portion of the wall has potential to collapse.

A/E Consultant Requirements

A/E Selection Required?

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 State Building Commission.

Consultants should have specific expertise and experience in the design and coordination of exterior building envelope renovation/restoration and masonry construction 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.

Commissioning

- Level 1
 Level 2

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<u>Project Budget</u>	<u>Funding Source</u>	<u>Total</u>
Construction Cost: \$800,000	GFSB - Facilities Maintenance & Renovation [Z060]	\$0
Haz Mats: \$0	PRSB - []	\$0
Construction Total: \$800,000	Agency/Institution Cash []	\$0
Contingency: 15% \$120,200	Gifts	\$0
A/E Design Fees: 8% \$64,000	Grants	\$0
DFD Mgmt Fees: 4% \$36,800	Building Trust Funds [BTF]	\$64,000
Equipment/Other: \$0	Other Funding Source	\$0
\$1,021,000		\$64,000

Project Schedule

SBC Approval: 08/2013
 A/E Selection: 02/2013
 Bid Opening: 02/2014
 Construction Start: 05/2014
 Substantial Completion: 08/2014
 Project Close Out: 12/2014

Project Contact

Contact Name: Chris Velie
 Email: <cvelie@fpm.wisc.edu>
 Telephone No.: (608) 206-4687 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.
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?
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).
Parapet wall may collapse. This project will repair and rebuild the parapet wall.
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.

