

All Agency Project Request

2009 - 2011 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	La Crosse	285-0E-9910	Utility - Site Exterior Development
<u>Project No.</u>	11C1Q	<u>Project Title</u>	Whitney Center Ret Wall Repl

Project Intent

This project completely replaces approximately 1,100 SF of the failed stacked limestone retaining wall with a new modular block retaining wall and reconstructs the adjacent pedestrian walkways, exterior stairway, and hand and guard railings on the east side of the Whitney Center.

Project Description

The retaining wall varies in height from 2 feet at its endpoints to 13 feet at its center peak. Project work includes removal and disposal of the full 160 LF of stacked limestone materials and 210 LF of hand and guard railings. The concrete footing will remain and be reused in the new retaining wall design. The new modular block retaining wall will maintain the same dimensions, shape, and configuration as well as provide additional permanent structural support for the elevated pedestrian bridge entryway into the building.

Project work adjacent to the retaining wall includes reconstructing the 1,200 SF of pedestrian walkways and 220 SF of exterior stairs, and resurfacing and leveling 220 SF of the pedestrian bridge. The pedestrian walkway providing a first floor building entrance will be reconstructed to meet ADA slope standards and all new handrails for the pedestrian walkways and exterior stairs will be ADA compliant. Exterior lighting fixtures, foundations, and underground wiring disturbed by this project will be fully restored and/or revised as needed to facilitate the retaining wall, pedestrian walkway, and pedestrian bridge work.

Project Justification

The Whitney Center (64,312 GSF) was constructed in 1966 and houses the main campus food service, the campus radio station (WLSU), and the Army Reserve Officers' Training Corps (ROTC) program. The retaining wall was originally constructed with the Whitney Center as an unreinforced, stacked stone style which also acts as an abutment for an elevated concrete bridge that provides access to one of the two main building entrances.

The retaining wall has failed and is deflecting outward at its peak, settling at its base, and showing excessive erosion in several areas. The soil originally placed between stones has all but vanished and many of the original limestone materials are loose. The elevated pedestrian bridge was designed to be supported by the retained soils only, which have also eroded. The stairs leading to the pedestrian bridge have cracked and settled. The lower pedestrian walkway slopes and none of the hand or guard railings in the loading dock area meet current ADA standards.

A/E Consultant Requirements

Consultants should have specific expertise and experience in the design and coordination of site development and improvements, including rigid pavements and modular retaining wall design. 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:		\$276,000	
Haz Mats:		\$0	
Construction Total:		\$276,000	
Contingency:	15%	\$41,200	
A/E Design Fees:	8%	\$22,100	
DFD Mgmt Fees:	4%	\$12,700	
Equipment/Other:		\$0	
		\$352,000	

Funding Source

GFSB - <input type="checkbox"/>	\$0
PRSB - <input type="checkbox"/>	\$0
Agency/Institution Cash [AGF0]	\$352,000
Gifts	\$0
Grants	\$0
Building Trust Funds [BTF]	\$0
Other Funding Source	\$0
\$352,000	

Project Schedule

SBC Approval: 04/2011
 A/E Selection: 05/2011
 Bid Opening: 04/2012
 Construction Start: 05/2012
 Substantial Completion: 08/2012
 Project Close Out: 12/2012

Project Contact

Contact Name: Matthew N. Lewis, P.E.
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 Telephone No.: (608) 785-8019 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 #...
10I30 | <input checked="" type="checkbox"/> | <input 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 not 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"/> |

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8. Is the project affected by historic status?
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.