All Agency Project Request

2013 - 2015 Biennium

Agency	Institution	Building No.	Building Name
University of Wisconsin	Madison	285-0A-9910	Utility - Site Exterior Development

Project No. l4ClV **Project Title** WARF Plaza Deck/Lighting Renv

Project Intent

This project provides investigation and research, pre-design, and design services to renovate the WARF Building pedestrian plaza by replacing the concrete deck, steps, walks, and lighting to correct physical condition issues and resulting safety concerns. The plaza and adjacent site development will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures while ensuring code compliance and maintaining ADA standards.

Project Description

Project work includes complete concrete stair and metal railing replacement, concrete deck pavement removal and replacement of the northeast portion, and replacement of an old iron waterline running under the northeast set of stairs. Safety issues related to the edge of the deck will be addressed and more useable space will be created. New planters and benches will be installed at the top of the deck. Campus standard tables and chairs will also be installed. The flagpole will be replaced and lighting fixtures will be relocated and replaced with units that reduce night sky light pollution. New campus standard light poles that illuminate the steps and the deck area will also be installed. All building perimeter lights will be removed, the building entryway lights will be replaced and upgraded, and the building soffits repaired.

Project Justification

The concrete slopes, steps, and deck surrounding the WARF Building are in need of repair as the concrete is cracking and crumbling, causing tripping hazards. The edge between the deck and the sloped concrete is a safety concern. People have been injured by walking over the edge because they do not recognize the change in grade. The deck and its slopes are attractive for recreational sports activities, causing additional damage and potential for pedestrian collisions. The stair handrails are discontinuous and do not meet ADA standards. The lighting is currently in poor condition. The building soffit perimeter lighting does not work, the lighting at the entryways is unattractive, and the stairs and deck are not adequately lit.

A/E Consultant Requirements

☑ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of pedestrian pavements and plazas, plumbing, and lighting design 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, 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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Project Budget

Construction Cost:		
Haz Mats:		
Construction Total:		
Contingency:	15%	
A/E Design Fees:	8%	
DFD Mgmt Fees:	4%	
Equipment/Other:		
		$380,000

Funding Source(s)

	Total
GFSB - Utilities Repair & Renovation [Z080]	$0
PRSB - []	$0
Agency/Institution Cash [AGF0]	$0
Gifts	$0
Grants	$0
Building Trust Funds [BTF]	$0
Other Funding Source	
	$0

Project Schedule

SBC Approval:	03/2015
A/E Selection:	07/2014
Bid Opening:	05/2015
Construction Start:	06/2015
Substantial Completion:	09/2015
Project Close Out:	12/2015

Project Contact

Contact Name: Matt Collins

Email: <mcollins@fpm.wisc.edu>

Telephone: (608) 263-3031 x

Project Scope Consideration Checklist

		y	N
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 #...	☐	☑
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/>.*	☐	☑
4.	Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? *A temporary (less than 4 hours) disruption to water will occur during connection to the new water line.*	☑	☐
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.*	☑	☐

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. ☑ ☐

   WARF building is eligible for the National Register of Historic Places. Historical Society will likely need to review and comment on the proposed project.

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). ☑ ☐

    The handrails are not compliant and will be replace with an ADA compliant design. Tripping hazards and lighting concerns exist and will be eliminates and corrected with this project.

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. ☐ ☑