

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-0408	ENGINEERING HALL

<u>Project No.</u>	15I2H	<u>Project Title</u>	Engineering Hall Plaza/Entrance Renovation
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Project Intent

This project provides pre-design and design services to create a more prominent and accessible entrance on the north side of the building, create a new vestibule and entrance into the center of the building, and enhance the exterior plaza space. The building entrance and exterior plaza spaces will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures. This project will enhance building accessibility, functionality, and aesthetics.

Project Description

Project work includes designing an integrated accessible entrance with the main entryway and provide an accessible, contiguous plaza space raised slightly above the existing sidewalk. A new, integrated ADA compliant ramp will be constructed for accessibility and allow the plaza to be serviced by cleaning and snow removal equipment. This exterior ramp will link the accessible path of travel with the main building entrance. A portion of the existing ADA ramp enclosure will be converted into a vestibule, and the remainder will be converted into a meeting room that is accessible from the newly renovated lobby. New exterior stairs will be built adjacent to the new vestibule. An overhead wayfinding element will be located at the base of the new ADA exterior ramp, allowing the main entrance to be more easily identified from the sidewalk. A new entrance canopy will be constructed adjacent to the existing west vestibule.

Project Justification

Engineering Hall is a five-story building with a basement level, four above-grade levels, and a penthouse partial story. The building was built in multiple phases, the original west wing was constructed in 1948, the east wing addition constructed in 1950, the south wing addition constructed in 1961, and the north central infill addition and exterior plaza constructed in 1990. This project will resolve several issues pertaining to the building entry configuration that were identified in the completed Engineering Hall Entrance Study. The main entrance is not easily identifiable from the sidewalk, entrances are set back from sidewalk, the accessible entrance is detached from the main entrance, the building and plaza are not designed to human scale, the plaza is underutilized, and the plaza space is fragmented by the current site layout.

A/E Consultant Requirements

Consultants should have specific expertise and experience in renovation projects in an institutional setting 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.

It is expected that the information in the design study will form the basis for the design, with the consultant expected to 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/or State Building Commission.

A/E Selection Required?

Commissioning

Level 1

Level 2

All Agency Project Request

2013 - 2015 Biennium

<u>Project Budget</u>	<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost: \$	GFSB - []	\$0
Haz Mats: \$	PRSB - []	\$0
Construction Total: \$	Agency/Institution Cash []	\$0
Contingency: 11% \$	Gifts	\$51,000
A/E Design Fees: 8% \$	Grants	\$0
DFD Mgmt Fees: 4% \$	Building Trust Funds [BTF]	\$0
Other: \$	Other Funding Source	\$0
\$633,800		\$51,000

Project Schedule

SBC Approval: 11/2016
 A/E Selection: 11/2015
 Bid Opening: 03/2017
 Construction Start: 05/2017
 Substantial Completion: 09/2017
 Project Close Out: 12/2017

Project Contact

Contact Name: Ann Hayes
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 Telephone: (608) 265-4673 x

Project Scope Consideration Checklist

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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.
4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?
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.

All Agency Project Request

2013 - 2015 Biennium

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).
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.