

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-9932	Utility - Site Lighting
<u>Project No.</u>	15B3O	<u>Project Title</u>	Cole Beach Tennis/Volleyball Courts Lighting

Project Intent

This project provides investigation and research, pre-design, and design services to install new lighting for four volleyball courts and six tennis courts. The site will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes providing lighting and controls to illuminate four volleyball courts and six tennis courts located immediately south of Cole Hall. The lighting will be directional, down lighting similar to Musco's Green Generation Lighting technology, which avoids light spillage off the courts. The new lighting will not be visible from Lake Mendota or the neighborhoods to the south. Electrical power will be extended from Cole Hall. Three trees located on Observatory Drive will be removed to construct the additional volleyball court and be replaced with four trees in new locations.

Project Justification

Recreational Sports is requesting improvements based on the outcome of the approved master plan. Lighting is requested to maximize the seasonal play of the courts and was determined to be necessary to allow for use later into the day, which dramatically increases the amount of students who can participate. Additional sand volleyball courts are required due to the unmet demand for increased access.

A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of recreational sports facilities and exterior electrical lighting 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%	
Other:	
	\$239,000

Funding Source(s)

	<u>Total</u>
GFSB - <input type="checkbox"/>	\$0
PRSB - <input type="checkbox"/>	\$0
Agency/Institution Cash [AGF0]	\$239,000
Gifts	\$0
Grants	\$0
Building Trust Funds [BTF]	\$0
Other Funding Source	\$0
	\$239,000

Project Schedule

SBC Approval: 08/2015
 A/E Selection: 04/2015
 Bid Opening: 03/2016
 Construction Start: 05/2016
 Substantial Completion: 08/2016
 Project Close Out: 12/2016

Project Contact

Contact Name: Gary A. Brown
 Email: <gbrown@fpm.wisc.edu>
 Telephone: (608) 263-3023 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?
4. Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent?
A short electrical power shutdown will be required. All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.
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.

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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.