

All Agency Project Request

2013 - 2015 Biennium

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|-------------------------|---------------------------|----------------------------|-------------------------------|
| <u>Agency</u> | <u>Institution</u> | <u>Building No.</u> | <u>Building Name</u> |
| University of Wisconsin | Stevens Point | 285-0K-9912 | Utility - Campus Parking Lots |

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|---------------------------|-------|-----------------------------|---------------------|
| <u>Project No.</u> | 13J2W | <u>Project Title</u> | Parking Lot Y Const |
|---------------------------|-------|-----------------------------|---------------------|

Project Intent

This project provides investigation and research, pre-design, and design services for the demolition of four residences and to construct a new 65-stall metered parking lot (Parking Lot Y) west of the Fine Arts Center on the southwest corner of campus. The project area will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes site preparation, clearing and grubbing, installing new asphalt pavement, constructing new concrete curb and gutters, constructing a new underground storm sewer system and irrigation system, extending and redistributing the underground electrical distribution and connection points for meters/pay station(s) and pole mounted lighting fixtures, installing new pavement markings and striping, landscaping, and site restoration. The final design will include the most optimum stall yield, internal circulation, and best driveway access location along two adjoining city streets. The project will demonstrate and document total suspended solids (TSS) reduction through storm water collection and bio-filtration. Filtered storm runoff will be diverted from the city storm water system to re-charge the groundwater with a subsurface manifold system.

Dark sky compliant lighting using the latest in energy saving LED equipment will be provided. LED lighting fixtures successfully installed on two projects in 2009 and 2012 will serve as the design to meet or exceed performance standard. Electricity will be brought to the site by directional boring and connecting to the campus electrical supply sources within the Noel Fine Arts Center immediately east across a city street. A pay-by-space number system with a single pay station will be used. The walk-up pay station will be partially enclosed and lighted to protect users and the equipment from the elements. The meter system will be specified and purchased by Parking Services independent of the project. Regulatory and identification signage including poles will be installed. Surveying will be required to confirm existing boundaries to the north, rights of way, and topography. Survey, topography, drainage, lighting, and landscaping plans will be prepared for city of Stevens Point plan review prior to bidding. The surveyor will prepare necessary documents to consolidate the six land parcels the university owns for this parking lot.

A robust landscape plan incorporating zone 4 tolerant plant species will provide screening along the adjoining property and city right-of-way setbacks. The landscape planting plan shall be coordinated with other recent parking lot plantings in Lots R, K and P/V. All landscape planting areas will be irrigated with a minimum volume flow spray-heads connected to the campus central irrigation control system. ADA compliant van-accessible parking space(s) will be provided in required quantities and placed to correspond with an optimum access route to the main academic core. The project will arrange for the demolition of four existing houses and three garages. All building footings, foundations, and slabs will be removed and the excavated areas filled with suitable structural material properly compacted in lifts.

Project Justification

In 2015 the campus will lose 340 spaces of metered parking on the east side of campus for the construction of a new science facility. Development of 60 to 70 metered spaces would replace about 20% of these lost spaces in a high demand area on the west side of campus. The 2007 Campus Master Plan identified this area as a future building site with parking as an interim use. The campus is required by the Wisconsin DNR to reduce total suspended solids by 40% and is still working toward that goal. Campus parking lots are the greatest contributors to TSS and each new parking lot project is obligated to reduce TSS loading. In the recent 2009 and 2012 projects, planting islands and bioswales were used to partially meet this reduction goal. Four campus owned houses located on the project site will be vacant in summer 2014 allowing the parking project to move forward in 2015. The houses should be removed by fall 2014 to prevent them from becoming an attractive nuisance for mischief, vagrancy, or other possible public safety concerns.

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A/E Consultant Requirements

A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of parking lots, landscape design exterior lighting and reduction of suspended solids 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

Project Budget

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|---------------------|-----|-----------|
| Construction Cost: | \$0 | |
| Haz Mats: | \$0 | |
| | | |
| Construction Total: | \$0 | |
| Contingency: 15% | \$0 | |
| A/E Design Fees: 8% | \$0 | |
| DFD Mgmt Fees: 4% | \$0 | |
| Equipment/Other: | \$0 | |
| | | \$399,000 |

Funding Source

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

Total

Project Schedule

SBC Approval: 09/2014
 A/E Selection: 01/2014
 Bid Opening: 02/2015
 Construction Start: 05/2015
 Substantial Completion: 09/2015
 Project Close Out: 12/2015

Project Contact

Contact Name: Carl A. Rasmussen
 Email: <crasmuss@uwsp.edu>
 Telephone No.: (715) 346-2781 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 #... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Are hazardous materials involved? If yes, what materials are involved and how will they be handled? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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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?
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 II.
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?
This new lot partially replaces Lot X.
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.
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