

**AGENCY REQUEST FOR
A/E SELECTION COMMITTEE ACTION
June 2014**

AGENCY: Department of Natural Resources

DNR Contact: Glen Clickner, 608.267.4585/glen.clickner@wisconsin.gov

LOCATION: Willow River State Park, Town of Hudson, St. Croix County

PROJECT REQUEST: Select an A/E consulting firm to provide design and construction phase professional services associated with the repair and upgrade of the Little Falls Dam. The pre-design phase will include investigative work to define the appropriate gate and spillway repairs. The A/E fees will be funded with Agency Cash.

PROJECT NUMBER: 14E3P

PROJECT DESCRIPTION:

This project will result in a reconstructed and code compliant Little Falls Dam at Willow River State Park. Specific components of the project are all identified items in the Little Falls Dam Inspection Report. Those items include addressing the spillway capacity and dam stability; repairing or replacing gates 2-4; concrete repair; filling voids on the downstream side of the dam; having back-up power onsite in the event of an emergency; installing benchmarks for future dam monitoring; and installing signs for a portage route.

JUSTIFICATION:

Willow River State Park is located approximated 35 miles from the Twin Cities and is visited by 600,000 users annually. The impoundment formed by the Little Falls Dam is a central feature of Willow River State Park and provides a wealth of recreation opportunities. The Parks program values this resource greatly. The dam is classified as high hazard with a 2013 Dam Failure Analysis identifying residential areas within the failure shadow. Loss of life is possible in the event of a dam failure. The dam must have adequate capacity and be maintained in a manner consistent with applicable Statutes & Administrative Codes using accepted engineering practices.

PROJECT BUDGET:

Construction	\$
Design	\$
Reimbursables (geotech, survey, util. assessment)	\$
DFD Mgt.	\$
<u>Contingency</u>	\$
<hr/> TOTAL	\$ 3,041,850

PROJECT SCHEDULE:

A/E Selection	June 2014
A/E Contract	August 2014
A/E Final Deliverables	October 2014/September 2015
SBC Approval	July 2015
Bid Opening	December 2015
Construction Start	March 2016
Substantial Completion	October 2016
Project Closeout	December 2016

A/E QUALIFICATIONS: The A/E design firm for this project shall have experience investigating, designing and constructing large dams with complex spillway configurations.