

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

AGENCY: Department of Natural Resources

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

LOCATION: Replace Septic System for Dump Station and Shop, Mirror Lake State Park, Town of Delton, Sauk County

PROJECT REQUEST: Select an A/E consulting firm to provide design and construction phase professional services associated with the design and construction of a new septic system for the dump station and shop building at Mirror Lake State Park. The A/E fees will be funded with Agency Cash.

PROJECT NUMBER: 13L1N

PROJECT DESCRIPTION:

This project replaces a failing septic system for the dump station with a new septic system and dump station and the current septic system for the shop with a holding tank. The failing system including the metal sediment tank and drainage field will be abandoned. The current shop septic system was also constructed in the 1960's and although it is currently functioning, the system is out of compliance due to the shop floor drain being connected to the septic system. The shop septic system also has a metal sediment tank which is corroding/failing and will be abandoned and replaced with a holding tank.

There are options for a replacement possible at this location. The most efficient, cost effective and customer service friendly solution needs to be determined and developed. As part of this project, a consultant will be determine the replacement solution including a new location of both the dump station drain field and shop septic field or holding tank.

The cost estimate shown includes the dump station septic field and shop holding tank. It includes approximately ¼ mile of road rerouting. It does not include the purchase and use of a temporary holding tank.

JUSTIFICATION:

The current dump station septic field is ponding and needs to be replaced before next camping season. During the summer of 2013, hikers notified us of water on the hiking trail adjacent to the septic field. Upon investigation, the "water" was found to be from the field. The settling tank is over 40 years old and the metal has corroded to the point that it is no longer holding waste property. Areas of the drainage field are grown over with trees and in conjunction with the ponding it was determined the lines are clogged.

The shop's septic system also includes at metal settling tank that is over 40 years old and is corroded. Currently the floor drain from the maintenance shop drains into the field which is against state code.

PROJECT BUDGET:

Construction

Design

Reimbursables (survey, geotech, etc.)

DFD Mgt.

Contingency

TOTAL

\$263,300

PROJECT SCHEDULE:

A/E Selection	January 2014
A/E Contract	March 2014
A/E Final Deliverables	May 2014
SBC Approval	TBD
Bid Opening	TBD
Substantial Completion	TBD
Construction Start	TBD
Project Closeout	TBD

A/E QUALIFICATIONS: The A/E design firm for this project shall have experience in planning, design and construction for Septic Systems.