

# REQUEST FOR ENGINEERING SERVICES

MARCH 2014

**AGENCY:** Department of Health Services

**DHS CONTACT:** Ed Neckar, 608-267-4594, edwin.neckar@wisconsin.gov

**LOCATION:** Northern Wisconsin Center, City of Chippewa Falls, Chippewa County

**PROJECT REQUEST:**

Request release of \$8,000 Building Trust Funds – Planning to prepare preliminary plans and a design report for the Northern Industries Building chiller replacement.

**PROJECT NUMBER:** 14A2W

**PROJECT DESCRIPTION:**

This project will replace the 175 T chiller and associated cooling tower in the Northern Industries Building at the Northern Wisconsin Center (NWC.) The Northern Industries Building provides space for NWC administration, patient work programming and classrooms.

**JUSTIFICATION:**

This project is needed to maintain the environment in the Northern Industries Building at NWC for the safety of patients, staff and visitors. The existing 175T McQuay, model PEH063J chiller was installed in 1992 and uses R-12 refrigerant. Due to the age of the unit and the unavailability of parts, this unit cannot be depended upon to provide reliable operation. In 2009 an oil cooler failed and the part was no longer available. Non-standard parts were found and assembled into an alternate configuration to get the unit back in service. During this period the building had no cooling and some operations and services were curtailed.

**BUDGET AND SCHEDULE:**

Construction	
Design	
DFD Mgt	
Contingency	
Equipment	
Other Fees	
<b>TOTAL</b>	<b>\$197,000</b>

A/E Selection	Mar 2014
SBC Approval	Nov 2014
Bid Opening	Apr 2015
Start Construction	Sep 2015
Substantial Completion	Mar 2016
Final Completion	Oct 2016

**PREVIOUS ACTION:**

None