

REQUEST FOR ENGINEERING SERVICES

JUNE 2016

AGENCY: Department of Health Services

DHS CONTACT: Eric Engel, (608) 267-4594, EricE.Engel@wisconsin.gov

DFD CONTACT: Kelly Frawley, (608) 264-9514, Kelly.Frawley@wisconsin.gov

LOCATION: Winnebago Mental Health Institute, City of Oshkosh, Winnebago County

PROJECT REQUEST:

Prepare plans and a design report for the Winnebago Mental Health Institute Dual Electrical Service Project. The A/E will provide design through construction administration services as indicated in the DFD “*Policy and Procedure Manual for Architects/Engineers and Consultants*”, the “*Guide for Developing Program Statements for Projects Requiring Enumeration*”, and the DFD “*Contract for Professional Services* as directed by DFD at the Design Kickoff meeting. The services may be contracted for in multiple contracts, or a multi-part contract with project-specific review/ approval/ authorization points in the contract, as determined by the needs of the project. Authorization for subsequent services will be issued in writing upon satisfactory performance and completion of contracted services and deliverables.

PROJECT NUMBER: 16C3C

PROJECT DESCRIPTION:

This project will install a new electric service at the Winnebago Mental Health Institute (WMHI) campus. The project will connect the existing switchgear owned by WMHI to a new transformer and primary service being supplied by the utility. The transformer and primary service are being provided under a separate contract. Construction includes installation of a metering enclosure and a medium voltage disconnect. New feeders will be installed between the new transformer and metering enclosure and between the metering enclosure to the medium voltage disconnect. New feeders will also be installed from the disconnect to the existing medium voltage switchgear lineup for distribution throughout the facility.

PROJECT JUSTIFICATION:

This project is required to provide a more reliable source of normal power. The existing single electrical service serves both WMHI and the Wisconsin Resource Center (WRC). This project will allow WMHI and WRC to receive power from two distinct utility owned substations. This will provide both facilities with dual redundant sources of power. The existing feeders range in age from 30 to 70 years old and have shown signs of wear. The new feeders coupled with dual sources of power will enhance the reliability of power to the hospital and prison which is necessary for the safety and security of staff, patients and inmates. The new redundant service will also serve as an alternate source of power as required by the Joint Commission.

BUDGET/SCHEDULE:

Construction	\$
Design	\$
DFD Mgt	\$
Contingency	\$
Equipment	\$
Commissioning	\$
TOTAL	\$558,000

A/E Selection	Jun 2016
Design Report	Feb 2017
SBC Approval	Apr 2017
Bid Opening	Aug 2017
Start Construction	Sep 2017
Substantial Completion	Jan 2018
Final Completion	Apr 2018

PREVIOUS ACTION:

None