

REQUEST FOR ENGINEERING SERVICES

NOVEMBER 2016

AGENCY: Department of Health Services

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DFD CONTACT: RJ Binau, (608) 267-6927, RJ.Binau@wisconsin.gov

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

PROJECT REQUEST:

Prepare a design report, plans and specifications for the Northern Wisconsin Center Structured Cabling Improvements 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: 16J1L

PROJECT DESCRIPTION:

This project will upgrade the communications structured cabling and related infrastructure at select buildings located at the Northern Wisconsin Center (NWC) campus. Construction includes the installation of single mode fiber optic cable between buildings on the NWC campus and in-building copper and fiber optic cabling at the Northern Industries Building, Brookside Building, the Heating Plant, the Laundry/Services Building and Food Service Building. All upgrades will be designed to support high speed data transmission and will include data outlets at workstation and wireless access point locations in each of the buildings. The telecommunication equipment rooms at each building will be upgraded to support the new cabling and equipment. Additional telecommunication equipment rooms will be added if necessary.

PROJECT JUSTIFICATION:

This project is required to bring the communications infrastructure to a standard utilized by other health care facilities. The installations of upgraded structured cable in and between buildings will improve performance of the existing network, support increased data transmission rates and increase capacity as required by existing and new DHS applications. These applications include video surveillance, telephone, paging and intercom, fire alarm, digital radio, security controls, and electronic health records systems.

BUDGET/SCHEDULE:

Construction	
Design	
DFD Mgt	
Contingency	
Equipment	
Commissioning Fee	
TOTAL	\$569,000

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

PREVIOUS ACTION:

None