

## REQUEST FOR ENGINEERING SERVICES

NOVEMBER 2016

**AGENCY:** Department of Health Services

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

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

**LOCATION:** Southern Wisconsin Center, Town of Dover, Racine County

### PROJECT REQUEST:

Prepare a design report, plans and specifications for the Southern 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:** 16J1K

### PROJECT DESCRIPTION:

This project will upgrade the communications structured cabling and related infrastructure at select buildings located at the Southern Wisconsin Center (SWC) campus. Construction includes the installation of in-building copper and single mode fiber optic cabling at Wallace Hall, the CRSP Building, Cottages 3, 7, 8, 9, 10, 11 and 18, and the 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	
<b>TOTAL</b>	<b>\$1,264,000</b>

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

**PREVIOUS ACTION:**

None