

**REQUEST FOR ARCHITECTURAL & ENGINEERING
DESIGN SERVICES**

**PERIMETER INTRUSION DETECTION SECURITY
ENHANCEMENT**

WISCONSIN DEPARTMENT OF CORRECTIONS

**GREEN BAY CORRECTIONAL INSTITUTION & WAUPUN
CORRECTIONAL INSTITUTION**

GREEN BAY, WI & WAUPUN, WI

APRIL 2015

PROJECT 15D2M

Project Background and Purpose

This project will enhance the perimeter security at Green Bay Correctional Institution (GBCI) and Waupun Correctional Institution (WCI).

GBCI and WCI are both maximum security prisons for men.

Both institutions are surrounded by stone/concrete perimeter walls topped with guard stations at intervals along the walls. With the inclusion in the 2015-17 biennial operating budget of no longer staffing these guard stations during 3rd Shift the perimeter security must be enhanced to provide automated detection and alerting should an inmate approach perimeter barriers that will no longer be monitored actively by staff in the wall guard stations.

Project Description

To achieve automated monitoring and zoned alerting for interior perimeter intrusion detection.

New underground electrical and networking shall be required to install the new intrusion detection system. Staff alert/monitoring capability of the detection systems shall be installed in the Central Control located in each institution.

Scope of Services

The A/E will provide pre-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 parts 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.

It is expected that the selected A/E firm will have experience working around correctional secure environments and will have staff or subconsultants experienced with correctional intrusion detection systems, electrical, and networking design.

The selected A/E will perform a pre-design study to confirm budget adequacy for agency review and approval before preparing plans or bid documents. Creation of a Design Report for State Building Commission action shall be provided. Following bidding, construction services will be provided including contractor component submittal review, site visits and construction meetings, and record drawing submission.

Note that per the DFD *Policy and Procedure Manual for Architects/Engineers and Consultants*, following services will not be included in the scope of services:

- Environmental Assessment and/or EIS, if required, will be contracted separately

- Independent 3rd Party Commissioning will be contracted separately.

Project Schedule

| | |
|------------------------|----------------|
| A/E Selection | May 2015 |
| Preliminary Design | June 2015 |
| SBC Approval | August 2015 |
| Final Design | September 2015 |
| Bid Opening | October 2015 |
| Construction Start | November 2015 |
| Substantial Completion | December 2015 |

Project Budget

| | |
|-------------------|-------------------|
| Construction | \$ |
| Contingency @ 15% | \$ |
| Design @ 8% | \$ |
| DFD Fee @ 4% | \$ |
| | <u>\$ 383,000</u> |

General Requirements

Special Considerations

This project will be occurring in and around maximum security correctional institutions while the facilities are at full operating capacity. The integrity of institution operations must be accounted for at all times for safety and security reasons.

Contractor tool control and security escorts will be necessary for work inside the institutions. Contractor access through the secure perimeter gate during count times and institution emergencies may be restricted.

Building Utilities

- Depending on component placement, there may be a need to re-route existing utilities.
- Evaluate existing utility service capabilities in the areas of electrical and data network.

WEPA Requirements

In accordance with the Wisconsin Environmental Policy Act (WEPA) and Wisconsin Administrative Code DOC 335, this project may require a Type I Environmental Assessment that will be contracted separately.