

REQUEST FOR A/E SERVICES

Elevator Upgrades Chippewa Valley Correctional Treatment Facility (CVCTF)

DFD PROJECT NO. 13F3K

Agency: Department of Corrections

Facility Location:
2909 East Park Avenue
Chippewa Falls, WI 54729

Introduction and Background:

The CVCTF building was originally constructed as part of the Northern Colony (later Northern Wisconsin Center for the Developmentally Disabled) in 1966 and was called Highview Hall. 1999 WI Act 9 authorized the spending of \$7.3 million to convert the Highview building to a correctional facility. Initial plans called for the building/grounds to be converted to a geriatric prison for the confinement of an aging prison population and inmates with special medical concerns. The 2003-2005 biennial budgets called for a mission change, and plans for Highview were changed to an AODA treatment facility. In March of 2004 Highview Hall was renamed Chippewa Valley Correctional Treatment Facility (CVCTF). The facility's purpose is to protect the public through the secure and humane treatment of inmates and afford them opportunities to gain the skills needed to support a crime-free life upon release to the community.

The facility's main building consists of 220,000 square feet of space contained within a five level building. A bank of elevators, stairs, and programming group rooms create a "central core". On each floor four wings extend from the central core. CVCTF has living facilities for inmates on three floors of the building. Each wing on each floor has a population capacity of 38 to 44 inmates.

Of the five elevators, only three are currently operable. One of those has recently undergone a jack cylinder replacement. The elevator mechanical room currently has no fire protection.

Scope of Services:

The AE will be contacted for services in 2 parts. The first will be for Pre-design services in accordance with Section 3 of the *DFD Policy & Procedure Manual for Architects/Engineers and Consultants*. Upon successful completion of Part 1, the second part of the contract will be for design through construction administration services.

Part 1 – Pre-Design

Study the existing elevator equipment at CVCTF and determine an economic course of action to make operation of all five elevators fully functional, code compliant, safe, and efficient including maintainable controls. The study should include a life cycle cost analysis of repair versus replace for all equipment and budgetary cost estimates for all options. Prepare a written report recommending alternative design approaches considering difficulties of equipment installation in

a secure corrections environment, limitations or cost impacts of any building remodeling and/or structural modifications, and limitations or cost impacts of existing electrical service. The report should also include estimated costs and schedules.

Prepare a Design Report for use by the DOC in seeking authorization by the State Building Commission.

Part 2 - Design

Upon DFD and Agency approval of the study and authorization by the State Building Commission, the AE will commence with Preliminary Design Services for the selected design alternative.

Project Deliverables:

In addition to the requirements of the *DFD Policy & Procedure Manual for Architects/Engineers and Consultants*, the AE will provide the following:

- Provide a Pre-Design report describing design alternatives, budget costs and options for repair or replacement of existing elevator equipment including life cycle analysis of the alternatives considered.
- Provide design services that include a detailed contractor work plan to allow construction of recommendations to be completed with minimal disruption of existing inmate and staff daily activity.

Project Timeline:

In order to plan for timely evaluation of recommendations and planning for subsequent construction activity, the selected A/E will be expected to complete the study and submit a Design Report within two months of issuance of a Notice to Proceed.

Skills and Knowledge:

A qualified firm would have an appropriately staffed team with thorough knowledge, understanding, licensing and experience with the following:

- Evaluation and design of elevator systems in the State of Wisconsin with lift in excess of 40 feet
- Elevator control systems
- Standards for design and construction for state-owned correctional buildings
- Electrical power supply for elevator systems

Preliminary Project Budget:

Construction	TBD
Contingency	TBD
Pre-Design	\$69,000
Design	TBD
DFD Fee	TBD
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	\$69,000