

Northern State Correctional Facility Replace DDC Controls

2559 Glen Road, Newport

Project Description

The Northern State Correctional Facility was constructed in 3 phases in 1992, 1996 and 1998. Recently a number of systems were upgraded within the facility including the fire alarm system, door control system, and perimeter fence intrusion detection system.

One system that was not upgraded and is in desperate need of upgrading is the DDC controls which monitor and control the HVAC systems within the buildings. The system is computer based and most of the controllers are no longer made, as computer technology has constantly evolved over time. Should a controller fail, a newer style controller would have to be installed, which will require extensive programming and probably sensor and actuator change out to be compatible with the new controller.

Instead of doing this piecemeal with a one-at-a-time emergency replacement by the current vendor, BGS would like to bid out wholesale replacement, which would open up the project to all the control vendors, which will provide the State with the lowest possible project cost in the long run.

PROJECT MILESTONES

Project Estimate: \$1,800,000

Design: December 2019

Permitting: N/A

Final Design: January 2020

Bid Advertisement: February 2020

Contract Award: March 2020

Construction Start: March 2020

Estimated Completion: December 2020

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