DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. 44928

**CONSTRUCTION WORK, HVAC WORK, PLUMBING WORK, ELECTRICAL WORK
INSTALL EQUIPMENT AND SERVICES
CULINARY ARTS PROGRAM BUILDING 51
ALBION CORRECTIONAL FACILITY
3595 STATE SCHOOL ROAD
ALBION, NY 14411**

January 7, 2016

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

HVAC WORK SPECIFICATIONS

1. Page 230923 – 2, Article 1.06 SYSTEM DESCRIPTION: Delete this Article in its entirety and replace with the following:

"1.06 SYSTEM DESCRIPTION

A. Infrastructure: Included in this project is the addition of Building 51 equipment to the existing Primary Operating Station (POS) through the existing panel located in building 19, the boiler house, and secondary POS located in building 26, Maintenance. The POS work station is located in building 19, boiler house. Provide graphics and modifications to the existing POS to show all new systems in Building 51. The existing POS is located in maintenance supervisor's office. The system installed under this contract must be able to communicate with existing POS. Building 51 temperature control panel shall be Smartedge Controls or equal. Include a total of 40 hours of on-site labor and provide controller information & files to existing head end manufacturer as required to integrate to a BACnet based front end system. Provide graphics and inputs fields and necessary programming to integrate all Building 51 HVAC systems into the existing front end system.

B. The system shall operate as an integrated Direct Digital Building Control System (DDC).
   1. The company providing the DDC system shall provide all components associated equipment and accessories. Provide an extension of the existing DDC system including associated equipment and accessories. Provide each control system complete, and operating as specified. Manufacturer's products, including design, materials, fabrication, assembly, erection, examination, inspection, and testing shall be in accordance with ASHRAE Standard 114 - 1986, ASME B31.1 and NFPA 70, except as modified herein or indicated otherwise.
   2. Provide the DDC systems to maintain stable temperature control and all other conditions as indicated. The end-to-end accuracy of the system, including temperature sensor error, wiring error, A/D conversion, and display, shall be 1 degree F.
   3. Changes in the status of monitored points are detected by the microprocessor based Primary Operators Station (POS) utilizing a primary data communication peer bus and microprocessor based distributed control processors (DCP) located throughout the facility.
   4. Secondary networks managed by the DCP shall be employed to monitor status Application Specific controllers (ASC).
   5. his system provides overall monitoring and control of all mechanical equipment control functions for all analog and digital (binary, on/off, open/close) input control signals to microprocessor based digital controllers. The digital controllers perform all of the control logic, analog output and digital output signals to the mechanical field equipment.

C. This system will have interface ports to allow connection to a terminal, portable computer, and a central site computer utilizing a BACnet over Ethernet or MS/TP communication protocol. BAS/EMS equipment will provide day to day control of HVAC systems, allowing system operators to generate and modify programs, enable and disable equipment, change set points, change operating schedules, receive trends and alarms, while dynamically uploading and downloading control programs."

END OF ADDENDUM

Margaret F. Larkin
Executive Director
Design and Construction