

**Addendum No. 1.**

February 26, 2013

**VA Medical Center  
Grand Island, Nebraska  
Upgrade EMCS, 636-12-112**

**Specifications**

1. Section 23 09 23 – Direct-Digital Control System For HVAC, 1.1 Description, replace G. in its entirety with the following:

G. This campus has standardized on an existing ASHRAE Standard 135, BACnet/IP Control System utilizing Johnson Controls digital controllers and associated software. The general contractor shall be responsible for providing new Johnson Controls digital controllers and software, as described on the mechanical plans, and integrating the existing control systems into the new BACnet compliant Johnson Controls system. The integration work may be completed directly by the controls contractor, or by a separate integration sub-contractor. The general contractor will be responsible for coordinating the work of all sub-contractors and is responsible for the ECC system graphics, expansion, and control system-specific commissioning/ verification.

1. Not Used.

2. Not Used.

3. The contractor administered by this Section of the technical specifications shall provide a peer-to-peer networked, stand-alone, distributed control system. This direct digital control (DDC) system shall include one portable operator terminal - laptop, one digital display unit, microprocessor-based controllers, instrumentation, end control devices, wiring, piping, software, and related systems. This contractor is responsible for all device mounting and wiring.