



# DANE COUNTY DEPARTMENT of PUBLIC WORKS, HIGHWAY and TRANSPORTATION

**County Executive**  
Kathleen M. Falk

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**Commissioner / Director**  
Gerald J. Mandli

MAY 1, 2009

## ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

### RFB NO. 309010 - ADDENDUM NO. 1

### CHILLER PROJECT – PUBLIC SAFETY BUILDING

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**BIDS DUE:** THURSDAY, MAY 7, 2009, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

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This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

#### **PLEASE MAKE THE FOLLOWING CHANGES:**

#### **AFFECTING THE PROJECT MANUAL**

##### **SECTION 01 00 00 – Basic Requirements**

001-01 01 00 00, Page 2, Item (1.5)(C)(1). Revise Alternate Bid 1 to read:  
“Direct digital controls system for the public safety building will be integrated into the new Tridium / Niagra direct digital control system installed at the City County Building. Work shall be performed by Environmental Systems Inc, Waukesha, WI. Provide a cost for:

Material and labor complete to provide a new Alerton/TAC DDC controller to replace the existing JCI DX9100 controller in the chiller room. New controller will control the existing chiller system and new chiller system.

Material and labor complete to provide a new network controller to allow for the integration of all current public safety building direct digital controls points to the City County Building new Tridium / Niagra Building Automation System. Controller shall also communicate/integrate with new chiller via LONWORKS communication. This panel shall be equal to a FX-60 integration panel. Extend owner Ethernet to new panel and tie-in to owner specified IP address for licensed access from existing City County Building BAS

Provide new graphical user interface for each AHU system serving the Public Safety Building.”



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## SECTION 23 05 23.10 – Hydronic Valves and Piping Specialties

001-02 23 05 23.10, Page 3, Lines 34-35. Revise to read: “Provide 10-position lever actuators for valves 4” or smaller. Provide hand wheel, worm gear operators for valves 6” and larger”.

## SECTION 23 05 00 – Common Work Results for HVAC

001-03 23 05 00, Page 4, Lines 37-43. Revise to read:

### **“ALTERNATE BID**

Direct digital controls system for the public safety building will be integrated into the new Tridium / Niagara direct digital control system installed at the City County Building. Work shall be performed by Environmental Systems Inc, Waukesha, WI. Provide a cost for:

Material and labor complete to provide a new Alerton/TAC DDC controller to replace the existing JCI DX9100 controller in the chiller room. New controller will control the existing chiller system and new chiller system.

Material and labor complete to provide a new network controller to allow for the integration of all current public safety building direct digital controls points to the City County Building new Tridium / Niagara Building Automation System. Controller shall also communicate/integrate with new chiller via LONWORKS communication. This panel shall be equal to a FX-60 integration panel. Extend owner Ethernet to new panel and tie-in to owner specified IP address for licensed access from existing City County Building BAS

Provide new graphical user interface for each AHU system serving the Public Safety Building.”

## SECTION 23 09 23 – Direct Digital Control System for HVAC

001-04 23 09 23, Page 1, Line 16-17. Revise to read:

### **“Base Bid**

This project includes the addition of a power module and expansion card to an existing Johnson Controls Inc (JCI) DX9100 to facilitate the installation of the new DDC points to support the operation of the new chiller and pumps. New/revised points shall be mapped to the existing JCI user interface screen so all new/revised points are available to be viewed from the existing JCI workstation at the City County Building.



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## Alternate Bid #1

Direct digital controls system for the public safety building will be integrated into the new Tridium / Niagara direct digital control system installed at the City County Building. Work shall be performed by Environmental Systems Inc, Waukesha, WI. Provide a cost for:

Material and labor complete to provide a new Alerton/TAC DDC controller to replace the existing JCI DX9100 controller in the chiller room. New controller will control the existing chiller system and new chiller system.

Material and labor complete to provide a new network controller to allow for the integration of all current public safety building direct digital controls points to the City County Building new Tridium / Niagara Building Automation System. Controller shall also communicate/integrate with new chiller via LONWORKS communication. This panel shall be equal to a FX-60 integration panel. Extend owner Ethernet to new panel and tie-in to owner specified IP address for licensed access from existing City County Building BAS

Provide new graphical user interface for each AHU system serving the Public Safety Building.”

## SECTION 23 64 15 – Water Cooled Chillers

001-05 23 05 23.10, Page 6, Line 1. Revise to read: “The master chiller controller shall convert information into LONWORKS protocol that will be compatible with the building direct digital control system (DDC) as specified in Section 23 09 23”.

## AFFECTING THE DRAWINGS

### DRAWING ME000

001-06 Revise Keyed Note #5 to read: “As part of Alternate Bid #1, the direct digital controls system for the public safety building will be integrated into the new Tridium / Niagara Direct Digital Control (DDC) system installed at the City County Building. Temperature control contractor (TCC) shall provide a cost for material and labor complete to provide a new network controller to allow for the integration of all current public safety building direct digital controls points to the City County Building new Tridium / Niagara Building Automation System. This panel will be equal to a FX-60 integration panel. Extend owner Ethernet to new panel and tie-in to owner specified IP address for access from existing City County Building BAS. See Specification Section 23 09 23 – Direct Digital Controls. Remove existing NCM controller”.

**End of Addendum #1**