

RENOVATIONS TO STERLING HOLLEY CENTER
ROCKFORD PUBLIC SCHOOL DISTRICT 205
ROCKFORD, ILLINOIS

LARSON & DARBY GROUP

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TO: ALL BIDDERS

RE: ADDENDUM #3

Changes to Bidding Documents Dated November 3, 2016

PROJECT: RENOVATIONS TO STERLING HOLLEY CENTER
ROCKFORD PUBLIC SCHOOLS 205
ROCKFORD, ILLINOIS

PROJECT NO.: 25011-06

DATE: November 28, 2016

Please attach this Addendum to the Project Manual and Drawings for the referenced project. Take the changes to the Project Manual and Drawings into consideration in preparing your Bid.

Bidders shall make note in writing on Bid Form that this Addendum has been taken into consideration. Failure to do so may be sufficient cause to reject the Bid.

LARSON & DARBY GROUP

By _____
Stephen M. Nelson

This Addendum consists of 2 pages, plus materials itemized herein.

I. GENERAL CLARIFICATIONS

A. Any required software or software upgrade kit to the existing JACE building control engine shall be the responsibility of this contractor.

II. ADDITIONS OR CHANGES TO THE PROJECT MANUAL

A. Section 23 09 00 - INSTRUMENTATION AND CONTROL FOR HVAC:

- a. REVISE paragraph 2.2.B to read "The control equipment shall incorporate **BacNet or LonMark** technology at the controller level and Niagara Frame AX version technology at the network device level and as network device level and as network management tool.
- b. REVISE all references to LonWorks in this section to allow Bacnet as well.

B. Section 23 09 93 – SEQUENCE OF OPERATIONS FOR HVAC CONTROLS:

- a. ADD new paragraph PART-4 to read "CONTROL POINT LIST.
The attached control point list for each specific equipment shall be provided per the district control standard.

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- III. ADDITIONS OR CHANGES TO THE DRAWINGS
None

END OF ADDENDUM #3

Minimum Points List

Air Handling Unit (AHU)	Niagara System Point Names
Discharge Air Temperature	DAT
Discharge Air Temperature Set Point	DatStPt
Supply Fan Command	SFanCmd
Supply Fan Status	SFanSts
Supply Fan VFD Command	SFanVfdCmd
Supply Fan Alarm	SFanAlm
Return Fan Command	RFanCmd
Return Fan Status	RFanSts
Return Fan VFD Command	RFanVfdCmd
Return Fan Alarm	RFanAlm
Heating Command	HtgCmd
Cooling Command	ClgCmd
Mixed Air Temperature	MAT
Low Limit Alarm	LowLimit
Filter Alarm	FilterAlm
Smoke Alarm	SmkAlm
Return Air Temperature	RAT
Outside Air Damper Command	OaDmprCmd
Outside Air Damper Command Minimum Set Point	OaDmprMinStPt
Economizer Set Point	EconStPt
Occupied Command	OccCmd
Static Pressure	Static
Static Pressure Set Point	StaticStPt
Building Pressure	BldgPress
Building Pressure Set Point	BldgPressStPt

Minimum Points List

Variable Air Volume Box (VAV)	Niagara System Point Names
Zone Temperature	ZoneTemp
Discharge Air Temperature	DAT
Occupied Command	OccCmd
Damper Command	DamperCmd
Heating Command	HtgCmd
Occupancy Sensor	OccSensor
Occupied Heating Set Point	OccHtgStPt
Occupied Cooling Set Point	OccClgStPt
UnOccupied Heating Set Point	UnOccHtgStPt
UnOccupied Cooling Set Point	UnOccClgStPt
Flow	Flow
Flow Set Point	FlowStPt

Minimum Points List

Exhaust Fans	Niagara System Point Names
Fan Command	FanCmd
Fan Status	FanSts
Fan Alarm	FanAlm


Technician Name
Company Name
Company Address
Company Phone
Technician Contact Info

Updated On:

Inputs

ZoneTemp	
Numeric Writable 	
Out	- {null} @ def
In10	- {null}
In16	- {null}


Outputs

OccCmd	
Boolean Writable 	
Out	- {null} @ def
In10	- {null}
In16	- {null}

SetPoints

DatStPt	
Numeric Writable 	
Out	- {null} @ def
In10	- {null}
In16	- {null}

Alarms

LowLimit	
Boolean Writable 	
Out	- {null} @ def
In10	- {null}
In16	- {null}