
December 20, 2023

City of Independence
111 E Maple Avenue
Independence, MO 64050

**Subject: Jackson County Regional Animal Shelter @ 21001 E M 78 Hwy, Independence, MO
Valent AHU Control Upgrade**

Design Mechanical is pleased to provide the following quote for upgrading the existing Lynxspring controls on three Valent air handling units (AHU) using Johnson Control Facility Explorer (JCI FX) Building Automation System (BAS).

Design Mechanical is proposing to remove the existing Lynxspring controls and replace with custom programmed JCI FX controllers to restore operation of Valent AHUs due to Lynxspring component failures and control issues. JCI FX controls will provide standalone control for AHUs.

SCOPE:

SUPERVISORY CONTROLS

- Provide and install PepWave cellular modem (1 year Verizon cellular subscription) to provide remote technical support during warranty period.

Valent AHU's (3)

- Provide and install (3) JCI FX CGM equipment controllers.
- Provide and install (6) XPM Expansion Module
- Provide and install (12) JCI FX duct temperature probes
- Provide and install (3) outside air temperature/ humidity sensors
- Provide and install (3) networking space temperature/ humidity/ CO2 sensors
- Reuse existing control relays, transducers, status switches, damper actuators
- Start up and commission of AHU's

ENGINEERING/PROGRAMMING

- Custom programming for control of 3 Valent AHUs
- Equipment graphics
- Engineering control prints
- Historical trending and alarming datapoints
- Operation & Maintenance Manual (As-Builts)



- Owner Training

Exclusions:

- Mechanical equipment repairs
- Applicable taxes

*The above work has been priced to be performed during normal working hours of 7:00am to 3:30pm Monday through Friday.

The above work shall be performed during regular working hours for a price of \$ 50,230.00, plus any applicable taxes.

If you have any questions, feel free to call me at (913) 281-7200, or cell (913) 216-5447. If you would like to proceed with the above work, please sign below and return via fax at (913) 281-7201. Sincerely,

DESIGN MECHANICAL

Pete Proctor

Pete Proctor
Service Sales

Approved: _____

Title: _____

Date: _____

P.O. # _____