

PROPOSAL

ABC Automated
Building
Control
Systems, Inc.

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To: **City of New Port Richey**

March 2, 2020

Attn: **Mike Macaluso**

RE: **City of New Port Richey Aquatic Center
Temperature Controls**

The following is a scope of work and price to provide the temperature controls for the referenced project. Automated Building Controls (ABC) proposes to install a **KMC system** for this project. All work is in accordance with plans and specifications.

Scope of Work

1. **AHU-1 Admin Offices (Qty:1)**
Furnish and install (1) KMC panel at AHU for control of:
 - Fan Start Stop
 - Fan Status
 - Outside Air Damper Actuator
 - Return Air Damper Actuator
 - Supply Duct Temperature Sensor
 - Return Air Temp/Humidity Sensor
 - Chilled Water Valve (Qty: 1, Re-use Existing Valve)
 - Electric Heat Staging
 - Netsensor for Space Temperature
2. **AHU-2 Northwest Area (Qty: 1)**
Furnish and install (1) KMC panel at AHU for control of:
 - Fan Start/Stop
 - Fan Status
 - Static Pressure Sensor
 - Supply Duct Temperature Sensor
 - Return Air Temp/Humidity Sensor
 - Outside Air Damper Actuator
 - Return Air Damper Actuator
 - Chilled Water Valve (Qty: 1, Re-use Existing Valve)
3. **AHU-3 Southeast Area (Qty: 1)**
Furnish and install (1) KMC panel at AHU for control of:
 - Fan Start/Stop
 - Fan Status
 - Supply Temperature Sensor
 - Static Pressure Sensor
 - Return Air Temperature/Humidity
 - Outside Air Damper Actuator
 - Return Air Damper Actuator
 - Electric Heat Staging
 - Chilled Water Valves (Qty:1, Re-use Existing Valve)
4. **AHU-4 Gym West (Qty: 1)**
Furnish and install (1) KMC panel at AHU for control of:
 - Fan Start/Stop
 - Fan Status
 - Supply Duct Temperature Sensor
 - Supply Duct Hi-Limit Sensor
 - Cold Deck Temperature Sensor
 - Return Air Temp/CO₂ Sensor
 - VFD Speed Hi Limit

Electric Heat Staging
Chilled Water Valve (**Qty: 1, Re-use Existing Valve**)
Outside Air Damper Actuator
Mixed Air Damper Actuator
Space Temperature Sensor

5. **AHU-5 Gym East (Qty: 1)**

Furnish and install (1) KMC panel at AHU for control of:

Fan Start/Stop
Fan Status
Supply Duct Temperature Sensor
Supply Duct Hi-Limit Sensor
Cold Deck Temperature Sensor
Return Air Temp/Co2 Sensor
VFD Speed Hi Limit
Electric Heat Staging
Chilled Water Valve (**Qty: 1, Re-use Existing Valve**)
Outside Air Damper Actuator
Mixed Air Damper Actuator
Netsensor for Space Temperature

6. **AHU-6 Children Room (Qty: 1)**

Furnish and install (1) KMC panel at AHU for control of:

Fan Start/Stop
Fan Status
Supply Duct Temperature Sensor
Return Air Temperature/Humidity
Chilled Water Valve (**Re-use Existing Valve**)
Netsensor for Space Temperature

7. **BCU-1 (Qty:1)**

Furnish and install (1) KMC panel at BCU for control of:

Fan Start/Stop
Fan Status
Supply Duct Temperature Sensor
Chilled Water Valve (**Qty: 1, Re-use Existing Valve**)
Netsensor for Space Temperature

8. **VAVs (Qty: 7)**

Furnish and install (1) KMC panel at each VAV for control of:

Supply Duct Temperature Sensor
Electric Heat Staging
Netsensor for Space Temperature/Humidity (**Qty: 4**)
Netsensor for Space Temperature (**Qty: 3**)

9. **Furnish and install interlock wiring on (3) Exhaust Fans**

We include the following:

Niagra N4 Graphics
Programming and commissioning
Owner Instruction
2 Year Warranty

We exclude the following:

BacNet Interface Card
After Hours Work
Existing VAV Terminals
VFD's

Exceptions: ABC does not provide or install the following: Power Wiring, Starters, Disconnects, Smoke Detectors, Fires Stats, Fire/Smoke Dampers.

TOTAL INSTALLED PRICE:

\$ 42,585.00

Pricing valid for 60 days

Sincerely, Zack Byers