

**Mid – State**  
*Mechanical of Vero Beach, Inc.*  
HEATING, AIR – CONDITIONING & VENTILATION  
INDUSTRIAL & LARGE COMMERCIAL

August 8, 2017

Indian River County  
Facilities Management Department  
4305A 43<sup>rd</sup> Avenue  
Vero Beach Florida 32967

RF

Aug 08, 2017

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FACILITIES MANAGEMENT

Project: Indian River County Health Department  
Regarding: HVAC System **\*\*Revised\*\***

**Option 1**

**Scope of work:**

Demolition of existing 100-ton Trane Chiller located at Health Department and replace with new 4" underground chilled water lines feeding from the Administration Complex Chiller Yard. The new underground chilled water piping system would run approximately 550 feet under the existing parking lot. Piping material would be HDPE directional bored to a new fiberglass valve box located in grass area to the north of existing chiller at Health Department. The existing chilled water pump would be re-used to maintain a chilled water flow throughout the Health Department Building. New 4" supply and return taps would be installed at Administration Chiller Yard in secondary pumping system. The existing Administration Chiller Yard has over 500-ton of chiller capacity. DDC Engineering will be providing permit drawings along with confirming capacity of existing Administration Chillers.

**Option 1**

**\$69,527.00**

**Option 2**

**Scope of work:**

- Demolition of existing 100-ton Air Cooled Chiller
- Furnish and install new 100-ton Trane Chiller Model CGAM100AZ (see alternates below)
- Modify existing 4" chilled water welded piping to match new Chiller
- Connect high voltage power wiring to new Chiller from existing disconnect
- Included are all crane and rigging services
- Start-up of new Chiller by Factory Service
- Permit fees
- Chiller; 5 year parts and Freon warranty
- Condenser coil coating

**Base Bid (Trane)**

**\$106,690.00**

**Alt 1 – Carrier Chiller**

**\$ 92,110.00**

**Alt 2 – Daikin Chiller**

**\$ 96,190.00**

**Not Included:**

- Chiller BAC Control interface to existing building control system

Regards,

*Robert Fields*

Robert Fields

Mid-State Mechanical