

Parkrose School District

Permissive Cooperative Procurement & Repairs - Completed by Robyn Stolin 3/31/22

Site: Parkrose School District (with initial work at H/S)

**Project Description:**

**Current:** Parkrose School District has at least ten HVAC units not fully functioning at the High School. Delta Connects, who is wrapping up the H/S controls upgrade project can perform these repairs and future repairs at a significant discount under a Permissive Cooperative Procurement Agreement from the Central Point School District.

**Proposed:** **1.** *Contract with Delta Connects using a Permissive Cooperative Procurement Agreement from the Central Point School District.* **2.** *Complete repairs to (9) HVAC units at Parkrose High School including the Desert Aire unit (dehumidifier) for the pool at a cost of approximately \$190k.*

**\* Pricing:**

The money would be allocated from the following funding:

- \$190,080 - ESSER funds

## Proposal

To: Parkrose School District Attn: Robyn Stolin	Date: 1 February 2022
Project: Parkrose HS – Compressors and Misc. Repairs	NO: 2022-0388

DELTA CONNECTS will install the Scope described below for the total price of:

**Scope:** *Perform the various repairs listed below at Parkrose High School. Pricing per labor rates and material markups specified in Central Point School District Price Agreement for Building Technologies and HVAC.*

### General Inclusions

- Labor during normal working hours
- \$5,000 refrigerant contingency included for units short on charge
- Freight
- 1-year parts and labor warranty on new materials and components (excluding refrigerant)

### General Exclusions

- Overtime or swing shift work
- Repair of other mechanical defects

### RTU-1 Circuit 2 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant
- Test unit operation

### RTU-2 Circuit 1 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant

### RTU-3 Circuit 1 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Replace (4) condenser fan motors, (4) condenser fan blades, and (4) condenser fan contactors
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant

### RTU-4 Circuit 1 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Replace (4) condenser fan motors, (4) condenser fan blades, and (4) condenser fan contactors
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant

### RTU-8 Circuit 1 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant
- Test unit operation

### RTU-11 Circuit 1 Compressor

- Recover refrigerant
- Remove compressor and install new
- Replace liquid line filter drier
- Replace compressor contactor
- Replace unloader solenoid
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant
- Test unit operation

### RTU-12 Circuit 1 and Circuit 2 Compressor

- Recover refrigerant from both circuits
- Remove compressors and install new
- Replace liquid line filter driers
- Replace compressor contactors
- Replace unloader solenoids
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant
- Test unit operation

**RTU-15 Circuit 1 and Circuit 2 Repairs**

- Recover refrigerant from both circuits
- Replace TXV's
- Replace 3-way valves and coils
- Replace liquid line filter driers
- Replace condenser fan motor, blade, and contactor (Available 10/1/2022)
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with new R-410A
- Test unit operation

**RTU-18 Circuit 1 and Circuit 2 Compressor**

- Recover refrigerant from both circuits
- Remove compressors and install new
- Replace liquid line filter driers
- Replace compressor contactors
- Replace unloader solenoids
- Pressurize with nitrogen and leak check
- Repair any leaks not requiring substantial labor or materials
- Evacuate to factory recommended levels
- Charge with recovered refrigerant
- Test unit operation

**Base Scope of work...**

**\$190,080**

Description	Qty.	Units	Cost	GM Mark Up	Amount	Total
<b>Labor Breakdown</b>						
RefrigTech - Journeyman	320.0	Hours			\$ 153.74	\$ 49,196.80
<b>Material Breakdown</b>						
RTU-1 and RTU-2 Compressor and Misc.	1		\$ 20,770.00	20%	\$ 25,962.50	\$ 25,962.50
RTU-3 and RTU-4 Compressor and Condenser Fans	1		\$ 27,696.00	20%	\$ 34,620.00	\$ 34,620.00
RTU-8 Compressor and Misc.	1		\$ 10,385.00	20%	\$ 12,981.25	\$ 12,981.25
RTU-11 and RTU-12 Compressor and Misc.	1		\$ 22,371.75	20%	\$ 27,964.69	\$ 27,964.69
RTU-15 Misc. Parts (Desert Aire)	1		\$ 5,914.00	20%	\$ 7,392.50	\$ 7,392.50
RTU-18 Compressor and Misc.	1		\$ 5,892.00	20%	\$ 7,365.00	\$ 7,365.00
Refrigerant Contingency	1		\$ 5,000.00	20%	\$ 6,250.00	\$ 6,250.00
Misc. Materials and Consumables	1		\$ 3,500.00	20%	\$ 4,375.00	\$ 4,375.00
<b>Subcontractor Breakdown</b>						
Crane	1		\$ 12,575.00	10%	\$ 13,972.22	\$ 13,972.22
<b>TOTAL</b>						<b>\$ 190,079.96</b>

Accepted by: CUSTOMER	Proposed by: Delta Connects
By: _____	By: Ken Foertsch
Signature: _____	Service
Title: _____	Small Projects
	Date: February 1, 2022

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**PRICES QUOTED ARE VALID FOR 60 DAYS FROM DATE OF QUOTATION**

