

Storm Lake RC / Maintenance Shop (FMS)

Scope

Storm Lake RC:

Demolition

- Remove and dispose offsite 6 existing York RTU's, t-stats and associated wiring
- Remove and dispose offsite 6 radiant tube heaters and associated wiring to BAS
- Remove and dispose offsite 1 Ruud water heater and expansion tank

Furnish and install

- 6 new Lennox Enlight RTUs to include the following
 - 208/3 phase power
 - Bacnet ready
 - 2 stage heat
 - Combination gas valve
 - NG heat
 - 2 stage cooling
 - Barometric relief dampers
 - Hinged access doors
 - Condensate switch
 - Hail guards
 - Non-fused disconnects
- Fire smoke heads if units exceed 2000 cfm in the return and units that exceed 15,000 cfm in both supply and return

- Curb adapters w/ hurricane straps
- Any gas line alterations to include replacing ball valve and unions
- Smart thermostat to include 7-day scheduling
- Any electrical associated with the project include breakers, line voltage wiring and low voltage wiring
- Reconnect any fire alarm controls that may shut off equipment in the event of fire.
- Any roofing membrane repairs or changes that may be needed from the installation must be compatible with the roofing system
- Include crane use

Furnish and install

- 6 new Shwank radiant tube heaters to include the following
- Combination gas valve
- NG heat
- 2-stage heat
- 26 GA aluminized steel reflector
- Direct-drive ECM motor
- 6 programmable t-sats for individual control
- Fresh air intake kits
- Horizontal wall vent kits
- Provide any electrical line voltage and low voltage needed for completing the project including wiring, conduit, and breakers
- Include scissor lift for project

Furnish and install

- 1 new 100-gallon RUUD direct replacement water heater to include:
- 115V power
- NG fired
- All associated copper piping and copper fitting materials needed to install the replacement water heater
- Include any electrical needed
- Expansion tank
- Condensate neutralizer kit
- Fiber glass insulation and all associated materials needed to re-insulate damaged or nonrepairable insulation on water lines

FMS maintenance shop alternates priced separately

Demolition:

- Remove and dispose offsite 1 York RTU, thermostat, and associated wiring
- Remove existing Co-Ray-Vac system and dispose of offsite
- Remove wash bay radiant tube system and dispose of offsite
- Furnish and install the following
- 1 new Lennox Enlight RTU to include the following
- 208/3 phase power
- Bacnet ready
- 2 stage heat

- Combination gas valve
- NG heat
- 2 stage cooling
- Barometric relief dampers
- Hinged access doors
- Condensate switch
- Hail guards
- Non-fused disconnects
- Fire smoke heads if units exceed 2000 cfm in the return and units that exceed 15,000 cfm in both supply and return
- Curb adapters w/ hurricane straps
- Any gas line alterations to include replacing ball valve and unions
- Smart thermostat to include 7-day scheduling
- Any electrical associated with the project to include breakers, line voltage wiring and low voltage wiring
- Reconnect any fire alarm controls that may shut off equipment in the event of fire.
- To include replacement roof blocks to support the gas lines and electrical lines
- Any roofing membrane repairs or changes that may be needed from the installation must be compatible with the roofing system
- Include crane use

Maintenance shop:

- Furnish and install the following
- (2) 2 stage Schwank radiant tube heaters
- Heaters to run North – South one on the West side and 1 on the East side of the shop
- New holes drilled for intake and exhaust pipes
- Provide all material needed for venting materials needed to bring in combustion air from the South side of the building and exhaust materials needed to exhaust from the North side of building
- Provide all materials for gas lines to each radiant tube heater
- 2 each 7-day programmable tstats
- Provide any electrical line voltage and low voltage needed for completing the project including wiring, conduit, and breakers
- Patch hole with similar materials from the demoing of the Co-Ray-Vac vacuum pump
- Include scissor lift

Wash Bay:

- Furnish and install the following
- (1) 2 stage Schwank moisture resistant radiant tube heater
- Moisture proof t-stat
- Tie onto existing combustion air intake
- Run new exhaust thru the existing penetration on the North exterior wall

- Provide electrical, to include breakers, conduit, line voltage and low voltage as needed
- Include scissor lift