

HVAC SPECIFICATIONS

Section 1 Summary of Work

1.1 Scope of work includes:

- Old PD HVAC Replacement
 - Includes full installation of equipment for Unit as specified herein.
 - Includes removal, haul away and proper disposal of old equipment per E.P.A. standards.
 - Includes all materials and labor to furnish a complete job; including but not limited to: piping, insulation, seismic restraint devices, support hangers, hardware, ducts, mastic, drip pans, and wiring.
 - Includes new filters.
 - Includes replacement of A/C pad with 3-inch polymer pad.
 - Includes disconnection and reconnection of power, gas, refrigerant lines, duct work and other items to allow for proper installation of new equipment.
 - Includes insulation and air tight connections of lines and ducts. Ductwork shall have mastic installed at connections to insulation.
 - Includes flue piping single wall metal connections.
 - Includes weather-proof disconnect.
 - Includes replacement of return plenum with new metal plenum, standard 1-inch filter rack included.
 - Includes new safety valve, proper gas line sediment trap, and epoxy coated flex connector.
 - Includes installation of new supply duct for proper airflow per manufacturer's specifications.
 - Includes disconnection, flushing and reconnection of drain line.
 - Includes installation of float safety switch on primary drain line and emergency drain pan. Emergency drain pan can not be wider than 24 inches.
 - Includes use of existing refrigerant lines, and flush with Rx11.
 - Includes replacement of circuit breaker for outdoor unit with proper size breaker.
 - Includes start-up inspection with owner and testing electrical components.
 - Includes all required permit(s) and inspections. The Town will pay for the approved inspection. Contractor is responsible for failed inspection, inspection delay costs, and partial inspections.
- Recreation HVAC Replacement
 - Includes full installation of equipment for Unit as specified herein.
 - Includes removal, haul away and proper disposal of old equipment per E.P.A. standards.
 - Includes all materials and labor to furnish a complete job; including but not limited to: piping, insulation, seismic restraint devices, support hangers, hardware, ducts, mastic, drip pans, and wiring.
 - Includes replacement of A/C pad with 3-inch polymer pad.
 - Includes disconnection and reconnection of power, gas, refrigerant lines, duct work and other items to allow for proper installation of new equipment.
 - Includes insulation and air tight connections of lines and ducts. Ductwork shall have mastic installed

at connections to insulation.

- Includes reuse of existing supply air plenum with new indoor unit.
- Includes reuse of existing return air plenum with new indoor unit.
- Includes disconnection, flushing and reconnection of drain line.
- Includes installation of drain safety switch on drain line if not already in place.
- Includes new filters.
- Includes start-up inspection with owner and testing electrical components.
- Includes all required permit(s) and inspections. The Town will pay for the approved inspection. Contractor is responsible for failed inspection, inspection delay costs, and partial inspections.

1.2 Qualifications: Installer/Technician must have a minimum of 5 years of experience installing this type of equipment, and the company must have at least 10 years of experience installing this type of equipment.

1.3 Warranty: Standard manufacturer warranties shall be provided to owner (minimum 5-year compressor warranty). Contractor also agrees to a one-year warranty for any issue with the units or workmanship including, but not limited to, parts and labor.

Section 2 Equipment

2.1 Old PD HVAC Replacement equipment consists of:

- Air Conditioner
 - i. Manufacturer: Bryant
 - ii. Model No.: 135SAN02400W
 - iii. Description: Legacy Series, Single-Stage, Air Conditioner
 - iv. Warranty: 10 year parts limited warranty (including compressor and coil) ¹
- Evaporator Coil
 - i. Manufacturer: Bryant
 - ii. Model No.: CVAMA2414XMA
 - iii. Warranty: 10 year parts limited warranty ¹
- Gas Furnace
 - i. Manufacturer: Bryant
 - ii. Model No.: 800SB36045M14
 - iii. Description: Legacy 80 Series, Gas Furnace, Single-Stage
 - iv. Warranty: 20 year limited heat exchanger warranty, 10 year limited parts warranty ¹

2.2 Recreation HVAC Replacement equipment consists of:

- Air Conditioner
 - i. Manufacturer: Bryant
 - ii. Model No.: PA5ZNB060000
 - iii. Description: Legacy Series, Single Stage, Packaged Air Conditioner
 - iv. Warranty: 10 limited parts warranty ¹

Note 1: With timely registration

Section 3 Installation

- 2.1 Install in accordance with the manufacturer's written installation guides.
- 3.1 All work and materials shall comply with all State and Federal regulations; including but not limited to, International Mechanical Code, National Electric Code, International Fuel Gas Code, NFPA Code and ASHREA 90.1.
- 4.1 Contractor shall make units level and plumb.
- 5.1 Installation includes the cost of all materials and labor to furnish a complete job even if not listed within the specifications.
- 6.1 Installation shall not alter or impede easy access to units for maintenance.

End of Specifications