

Objective: Replace obsolete Air Conditioning System in Police Offices Building 222.

Statement of Work: Contractor shall provide all parts labor and materials required to remove all obsolete parts of failed air conditioning system and prepare ceiling and roof space to accommodate Qty. Two nom. 5-Ton split heat pump systems. Heat pump outdoor unit and Evaporator fan coil unit shall be "brand name or equal." Suggested source is Trane Heat Pump Outdoor Unit Model 4TTR4060L1000A, and Evaporator Trane Fan Coil Unit Model, TEM4A0C60551SA.

Contractor shall install the 2 heat pump condenser units on the roof of Building 222 and connect to the indoor fan coil units.

Contractor shall provide and install 1 smoke detector per each main supply air plenum. The connection of the smoke detectors shall be coordinated with the electric shop foreman.

Provide and install all refrigerant piping and thermostats and control wiring. Contractor will install complete air distribution system including 33 branch supply and return ducts with manual volume control dampers and air distribution devices. Air volume shall be adjusted to approximately 1.5 cfm/sq. ft.

The heat pumps shall be fully charged, connected and fully functional. Contractor shall perform start up and test for proper operation.