

# STANDARD SPECIFICATIONS

**The Contractor shall provide all required labor, material, permits, energy calculations, engineering, local and state inspections to provide a 100% completed project.**

## 1. PURPOSE

The purpose of this solicitation is to select a Contractor to remove and replace two (2) package unit air conditioning systems with either **OPTION 1** - two (2) new Grand Air 14 seer heat pump package unit systems sized appropriately for the facility or **OPTION 2** one (1) new Grand Air 14 seer heat pump package unit system sized appropriately for the facility at the American Legion 40924 SR 19, Umatilla, FL 32784. This facility is used as an assembly hall and has a full kitchen for cooking and will need the HVAC sized accordingly. It will be the Contractor's responsibility to size the units properly and reinstall all duct work and electric in order to complete the project and provide a 100% completed project

## 2. DESCRIPTION OF WORK

### Base Bid - Option 1

- a. Remove existing package units and concrete pads and provide proper disposal – Existing units are Rheem Model RSND-060J and Rheem RSND-030J
- b. Install new concrete pads for package unit(s)
- c. Install new package unit(s) per manufacturer's specifications and code requirements, fasten to pads, and reconnect all duct work and electric including all monitoring devices. **Note:** any required alterations to duct work or electric (including wire size) are the responsibility of the Contractor. The Contractor shall also insure that the circuit breaker and/or disconnect that is being used for the unit(s) is sufficient and meets all code requirements. If installation or replacement of the disconnect and/or breaker is needed it shall be the responsibility of the Contractor.
- d. Install new digital programmable model thermostats that are compatible with the new system.
- e. Install new galvanized metal wall flashing and patch all holes as needed to the building to prevent rodent entrance.
- f. The Contractor shall complete a test and balance on the entire building. A report will be generated and given to Lake County after the test and balance has been completed.

### Option 2

- a. Remove existing package units and concrete pads and provide proper disposal – Existing units are Rheem Model RSND-060J and Rheem RSND-030J
- b. Install new concrete pad for package unit
- c. Install new package unit per manufacturer's specifications and code requirements, fasten to pad, and reconnect all duct work and electric including all monitoring devices. **Note:** any required alterations to duct work or electric (including wire size) are the responsibility of the Contractor. The Contractor shall also insure that the circuit breaker and/or disconnect that is being used for the unit(s) is sufficient and meets all code requirements. If installation or replacement of the disconnect and/or breaker is needed it shall be the responsibility of the Contractor.
- d. Install new digital programmable model thermostat that is compatible with the new system.
- e. Install new galvanized metal wall flashing and patch all holes as needed to the building to prevent rodent entrance.
- f. The Contractor shall complete a test and balance on the entire building. A report will be generated and given to Lake County after the test and balance has been completed.

### **3. SUBMITTALS**

- a. With the submission of bid the Contractor shall submit cut sheets, models and serial numbers of proposed package unit(s). No work shall start until the drawings have been approved by the County's Project Manager.
- b. At the completion of the project the Contractor shall provide all warranty documentation for package unit(s).